

Task/Abbreviation: I-11011-001- -(M)UW HULL (DD) - INSP				MJC: EXECM001		Rev Date: 2/19/2009	
RCM Analysis:		Scheduled: Y	Sit Reqs: D/D		Qty: 1	Removal Required:	
Lvl of Maint: 1		Freq: 129	Equip/Task: 1	Matl Cost:	ManDays: 64	Alt No:	
Referenced Authority:			Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-11011-001)NSTM REQUIREMENT DUE	IAW NSTM CH-997, PARA. 997-4.1, ACCOMPLISH A VISUAL INSPECTION OF THE UNDERWATER BODY AND APPENDAGES WHILE THE SHIP IS IN DRYDOCK AND REPORT CONDITIONS FOUND TO THE NSA. NOTE: 1. ACCOMPLISH FIRST INSPECTION WITHIN 24 HOURS OF DRYDOCKING AND AFTER HIGH PRESSURE WATER CLEANING OF THE HULL. 2. TO BE ACCOMPLISHED IN CONJUNCTION WITH THE INSPECTION OF THE IMPRESSED CURRENT CATHODIC PROTECTION SYSTEM (TASK I-63321-002). 3. SUPSHIP UTILIZE SWT 110-01, UNDERWATER HULL INSPECTION AND REPAIR, FOR GUIDANCE IN DEVELOPING THIS ITEM. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-11011-002-A-UW HULL (IN WTR) - INSP**MJC:** EXECI392**Rev Date:** 3/6/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-11011-002)THE UNDERWATER HULL INCLUDING
APPENDAGES (WATERBORNE) REQUIRES
INSPECTIONACCOMPLISH A WATERBORNE UNDERWATER HULL INSPECTION -
FROM BOOT TOP (PORT/STARBOARD) TO SHIP'S CENTERLINE (KEEL)
AND FROM STEM TO STERN. REPORT CONDITIONS FOUND TO THE
SHIP'S CSMP. NOTE: THE UNDERWATER INSPECTION OF THE
IMPRESSED CURRENT CATHODIC PROTECTION SYSTEM IS
INCLUDED IN THIS INSPECTION. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-11011-003- -UW HULL (IN WTR) - CLN				MJC: EXECQ001		Rev Date: 2/19/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 32		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-11011-003)UNDERWATER HULL REQUIRES CLEANING	ACCOMPLISH A WATERBORNE UNDERWATER HULL CLEANING PER CONDITION ASSESSMENT RECOMMENDATIONS. NOTE: UNDERWATER HULL CLEANING OF ABLATIVE PAINT SYSTEMS REQUIRES NAVSEA APPROVAL.

Task/Abbreviation: Q-11011-004- -UW HULL (DD) - RPR**MJC:** EXECQ002**Rev Date:** 2/20/2009**RCM Analysis:** **Scheduled:** N **Sit Reqs:** D/D**Qty:** 1**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 1,600 **ManDays:** 32 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 2**Reason:**

BASELINE

Problem Description:

(Q-11011-004)UNDERWATER BODY REQUIRES REPAIR

Recommended Solution:

ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS TO THE UNDERWATER BODY PER CONDITION ASSESSMENT RECOMMENDATIONS (AS APPLICABLE): A. CLAD WELD _20_ SQUARE FEET. B. VEE OUT AND REWELD _20_ FEET OF WASTED SEAMS. C. CROP AND INSERT _20_ SQUARE FEET OF DISTORTED AND/OR WASTED PLATE AND CASTING. D. REPAIR AND/OR REPLACE FAIRING PIECES. E. PROVIDE _50_ MANDAYS AND 1,500_ DOLLARS OF MATERIAL TO ACOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: SUPSHIP UTILIZE SWI/SWT 110-01, UNDERWATER HULL INSPECTION AND REPAIR, FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: I-11011-008- -PROP STRUT (DD) - NDT INSP**MJC:** EXECIFB0**Rev Date:** 5/10/2005**RCM Analysis:** **Scheduled:** N **Sit Reqs:** D/D**Qty:** 2**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 100 **ManDays:** 11 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 2**Reason:**

BASELINE

Problem Description:(I-11011-008)THE PROPELLER SHAFT STRUTS
REQUIRE NONDESTRUCTIVE TESTING**Recommended Solution:**ACCOMPLISH NONDESTRUCTIVE TESTING OF THE PROPELLER
SHAFT STRUTS AT SELECTED AREAS. PROVIDE _50_ NDT
READINGS AS DESIGNATED. REPORT CONDITIONS FOUND TO THE
NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE
SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO,
BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-11011-009- -BLG KL/SKEG/ST FLAP (DD)-INSP				MJC: EXECM143		Rev Date: 5/8/2008		
RCM Analysis:		Scheduled: Y	Sit Reqs: D/D		Qty: TBD		Removal Required:	
Lvl of Maint: 1		Freq: 129	Equip/Task: 1	Matl Cost: 960	ManDays: 32		Alt No:	
Referenced Authority:			Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-11011-009) NSTM REQUIREMENT DUE	IAW NSTM CH-997, PARA. 997-4.1, VISUALLY INSPECT BILGE KEELS AND SKEGS AND AIR TEST PRIOR TO REFILL/DRAIN WITH PRESERVATIVE. PRESERVE INTERNAL SURFACES BY FILLING AND DRAINING WITH CORROSION COMPOUND (NSTM-9880). REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-11011-010- -BILGE KEEL - RPR**MJC:** EXECQE06**Rev Date:** 3/9/2009**RCM Analysis:** **Scheduled:** N **Sit Reqs:** D/D**Qty:** 2**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 0 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-11011-010)BILGE KEEL REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE BILGE KEEL PER
CONDITION ASSESSMENT RECOMMENDATIONS: A. RESTORE __SQ.
FT. OF COATING. B. REPAIR WELDS. C. REPAIR/REPLACE PLATING.
D. REPLACE/TIGHTEN PLUGS. E. REPAIR DAMAGE CAUSING
FLOODED CONDITION. F. REPLACE FASTENERS. G. REPLACE
ANODE. DIVERS INSPECTION REPORT AVAILABLE AT
WWW._____.COM (REFERENCE JOB NUMBER_____).

Task/Abbreviation: I-11011-019- -THIN HULL (DD) - INSP**MJC:** EXECI391**Rev Date:** 5/17/2007**RCM Analysis:** **Scheduled:** N **Sit Reqs:** D/D**Qty:** 1**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 40 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 2**Reason:**

BASELINE

Problem Description:(I-11011-019)HULL REQUIRES VISUAL INSPECTION
IN DRYDOCK**Recommended Solution:**ACCOMPLISH AN INTERIOR AND EXTERIOR VISUAL THIN HULL
INSPECTION (INCLUDING INTERIOR HULL SUPPORTING
STRUCTURES). INACCESSIBLE AREAS AND SUSPECT AREAS
SHOULD BE ULTRASONICALLY TEST INSPECTED. PROVIDE ____ NDT
READINGS AS DESIGNATED. REPORT CONDITIONS FOUND TO THE
NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE
SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO,
BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-11011-044- -UW HULL PENETRATIONS - RPR**MJC:** EXECQE01**Rev Date:** 3/9/2009**RCM Analysis:** **Scheduled:** N **Sit Reqs:** D/D**Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 0**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-11011-044)UNDERWATER HULL PENETRATIONS
REQUIRE REPAIRACCOMPLISH THE FOLLOWING REPAIRS TO THE UNDERWATER
HULL PENETRATIONS PER CONDITION ASSESSMENT
RECOMMENDATIONS: A. REPAIR SURFACES. B. REPAIR WELDS. C.
REPAIR WELDS. D. REPLACE/TIGHTEN FASTENERS. E. REMOVE
FOULING. F. REPLACE SPLITTER BARS/GRATINGS. G. REPLACE
WASTER SLEEVE. H. REPLACE ANODE. I. REPLACE COVER PLATE.
DIVERS INSPECTION REPORT AVAILABLE AT WWW._____.COM
(REFERENCE JOB NUMBER_____).

Task/Abbreviation: Q-11011-045- -UW HULL COATING - RPR				MJC: EXECQE03		Rev Date: 3/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-11011-045)UNDERWATER HULL COATING REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE UNDERWATER HULL COATING PER CONDITION ASSESSMENT RECOMMENDATIONS: A. RESTORE __SQ. FT. OF COATING. B. REPLACE FAIRING COMPOUND. C. REMOVE BIOFOULING. DIVERS INSPECTION REPORT AVAILABLE AT WWW._____.COM (REFERENCE JOB NUMBER_____).

Task/Abbreviation: Q-11011-046- -PROP STRUTS & BEARINGS - RPR			MJC: EXECQE05		Rev Date: 3/9/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-11011-046)PROP STRUTS AND BEARINGS REQUIRE REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE PROP STRUTS AND BEARINGS PER CONDITION ASSESSMENT RECOMMENDATIONS: A. REMOVE FOULING. B. RESTORE __ SQ. FT. OF COATING. C. REPLACE CLEAN OUT PLUGS. D. REPLACE/TIGHTEN FASTENERS. E. REPAIR WELD. F. REPAIR FAIRING. G. REPLACE FAIRING. H. REPAIR/REPLACE ROPEGUARD. I. REPLACE/TIGHTEN FILL PLUG. J. REPLACE/TIGHTEN VENT PLUG. K. REMOVE DEBRIS AND INSPECT FOR DAMAGE. L. REPLACE ANODES. M. REPLACE STAVES. N. ROD/WATER LANCE COOLING CHANNELS. O. SUBMIT ALIGNMENT MEASUREMENTS FOR EVALUATION. DIVERS INSPECTION REPORT AVAILABLE AT WWW._____.COM (REFERENCE JOB NUMBER_____).

Task/Abbreviation: Q-11011-047- -UW HULL CONDITION - RPR**MJC:** EXECQE27**Rev Date:** 3/9/2009**RCM Analysis:** **Scheduled:** N **Sit Reqs:** D/D**Qty:** 1**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 0 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 2**Reason:**

BASELINE

Problem Description:(Q-11011-047)UNDERWATER HULL CONDITION
REQUIRES REPAIR**Recommended Solution:**ACCOMPLISH THE FOLLOWING REPAIRS TO THE UNDERWATER
HULL CONDITION PER CONDITION ASSESSMENT
RECOMMENDATIONS: A. RESTORE __SQ. FT. OF COATING. B.
REPAIR/REPLACE PLATING. DIVERS INSPECTION REPORT
AVAILABLE AT WWW._____.COM (REFERENCE JOB
NUMBER_____).

Task/Abbreviation: I-11021-018- -STRUCTURE SYS (HS) - MRC G1N6**MJC:** EXECIHD9**Rev Date:** 4/4/2008**RCM Analysis:** 10/2/2007**Scheduled:** Y**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 3**Freq:** 36**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:**

BASELINE

Problem Description:

(I-11021-018) THE STRUCTURE SYSTEMS
CORROSION PRONE COMPARTMENT AREAS
REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE STRUCTURE SYSTEMS CORROSION ASSESSMENT
IN ACCORDANCE WITH MRC G1N6 AS FOLLOWS: 1. CONDUCT
ASSESSMENT PROCEDURE FOR CORROSION OF STRUCTURAL
SYSTEM (CORROSION PRONE COMPARTMENT AREAS - HOT SPOTS).
REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: I-11021-021- -STRUCTURE SYS (WS) - MRC G1N6			MJC: EXECIII2		Rev Date: 4/28/2009
RCM Analysis: 10/2/2007	Scheduled: Y	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 3	Freq: 48	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-11021-021) THE STRUCTURE SYSTEMS CORROSION PRONE COMPARTMENT AREAS REQUIRES ASSESSMENT.	ACCOMPLISH THE STRUCTURE SYSTEMS ASSESSMENT IN ACCORDANCE WITH MRC G1N6 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR CORROSION OF STRUCTURAL SYSTEM (CORROSION PRONE COMPARTMENT AREAS - WET SPACES). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-11021-024- -SHELL/SPRT STRUCT - INSP				MJC: EXECIJ06		Rev Date: 4/29/2010					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 40		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-11021-24)SHELL AND SUPPORTING STRUCTURE REQUIRES VISUAL INSPECTION.	ACCOMPLISH AN INTERIOR AND EXTERIOR VISUAL INSPECTION OF THE SHELL AND SUPPORTING STRUCTURES. INACCESSIBLE AREAS AND SUSPECT AREAS SHOULD BE ULTRASONICALLY TEST INSPECTED. PROVIDE NDT READINGS AS DESIGNATED. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-11021-025- -CMMR SURVEY - ACCOMP				MJC: EXECIJ86		Rev Date: 12/1/2010					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 40		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-11021-25)SHIP REQUIRES THE CORROSION MODERNIZATION AND MAINTENANCE REDUCTION (CMMR) SURVEY.	ACCOMPLISH THE CORROSION MODERNIZATION AND MAINTENANCE REDUCTION (CMMR) SURVEY PRIOR TO MIDLIFE OR MAJOR AVAILABILITIES. NSWCCD PHILADELPHIA POC IS MR. T.J. MCKELVEY, THOMAS.J.MCKELVEY AT NAVY.MIL, 215-897-1867. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-12311-001-B-FO STOR TK - GAS FREE			MJC: EXECQAM0		Rev Date: 4/22/2009	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty: 47	Removal Required:
Lvl of Maint: 1	Freq: 120	Equip/Task: 1	Matl Cost: 2,100	ManDays: 20	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		
FLEET REQUIREMENTS NSTM CH-074 VOL 3 GC:500530,MA:2900						
Reason:	Problem Description:		Recommended Solution:			
BASELINE	(Q-12311-001)TANK REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.		OPEN, CLEAN, AND GAS FREE THE FUEL OIL STORAGE OR FO/BALLAST TANK IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.			

Task/Abbreviation: Q-12311-003-A-FO STOR TK - RPR**MJC:** EXECQ005**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 47**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12311-003)TANK REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE FUEL OIL STORAGE TANK. TO INCLUDE: A. CLEAN THE TANK. B. REMOVE ___ SQ FT OF PEELING, CRACKED AND BLISTERED PAINT DOWN TO GOOD SOLID BARE METAL. THE AREAS OF THE TANK WITH NO COATING SHOULD BE LEFT IN AN UNPAINTED CONDITION. C. REPLACE _____ FEET DETERIORATED SOUNDING TUBES. D. REPLACE _____ STRIKER PLATES. E. CLAD WELD _____ SQUARE FEET OF WASTED PLATE. F. VEE OUT AND REWELD _____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. G. CROP AND REPLACE _____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE. H. REMOVE AND REINSTALL _____ TONS OF BALLAST. I. AIR TEST AFTER STRUCTURAL REPAIRS. J. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: ACCOMPLISH, IN TANK, TLI SYSTEM HARDWARE REPAIR WHENEVER AN ASSOCIATED TLI SYSTEM REPAIR TASK IS NOT ACCOMPLISHED CONCURRENTLY.

Task/Abbreviation: Q-12311-005-B-FO COMPSG/EXP TK - GAS FREE			MJC: EXECQAL9		Rev Date: 11/25/2008	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 72	Equip/Task: 0	Matl Cost:	ManDays: 20	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		
FLEET REQUIREMENTS NSTM CH-074 VOL 3 GC:500600,MA:2900						

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12311-005)COMPENSATING FUEL OIL STORAGE TANK REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	OPEN, CLEAN, AND GAS FREE THE COMPENSATING FUEL OIL STORAGE TANK IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.

Task/Abbreviation: Q-12311-007-A-FO COMPSG/EXP TK - RPR**MJC:** EXECQ007**Rev Date:** 7/30/2007**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12311-007)TANK REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE COMPENSATING FUEL OIL STORAGE TANK, INCLUDING OVERFLOW/EXPANSION TANK(S). TO INCLUDE: A. REPAIR ____ SQUARE FEET OF COATING SYSTEM USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. B. REPLACE ____ FEET DETERIORATED SOUNDING TUBES C. REPLACE ____ STRIKER PLATES. D. CLAD WELD ____ SQUARE FEET OF WASTED PLATE. E. VEE OUT AND REWELD ____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. F. CROP AND REPLACE ____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE. G. REMOVE AND REINSTALL ____ TONS OF BALLAST. H. REPLACE ____ DETERIORATED OR MISSING ANODES & HDW. I. PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. I. AIR TEST AFTER STRUCTURAL REPAIRS. NOTE: ACCOMPLISH, IN TANK, TLI SYSTEM HARDWARE REPAIR WHENEVER AN ASSOCIATED TLI SYSTEM REPAIR TASK IS NOT ACCOMPLISHED CONCURRENTLY.

Task/Abbreviation: Q-12311-013-B-FO SVCE TK - GAS FREE			MJC: EXECQAL7		Rev Date: 11/25/2008	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty: 6	Removal Required:
Lvl of Maint: 1	Freq: 120	Equip/Task: 1	Matl Cost: 2,100	ManDays: 22	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		
FLEET REQUIREMENTS NSTM CH-074 VOL 3 GC:500601,MA:2900						
Reason:	Problem Description:		Recommended Solution:			
BASELINE	(Q-12311-013)TANK REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.		OPEN, CLEAN, AND GAS FREE THE FUEL OIL SERVICE TANK IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.			

Task/Abbreviation: Q-12311-015-A-FO SVCE TK - RPR**MJC:** EXECQ012**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12311-015)TANK REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE FUEL OIL SERVICE TANK. TO INCLUDE: A. CLEAN THE FUEL OIL SERVICE TANK. REMOVE ___ SQ FT OF PEELING, CRACKED AND BLISTERED PAINT DOWN TO GOOD SOLID BARE METAL. THE AREAS OF THE TANK WITH NO COATING SHOULD BE LEFT IN AN UNPAINTED CONDITION. B. REPLACE _____ FEET DETERIORATED SOUNDING TUBES. C. REPLACE _____ STRIKER PLATES. D. CLAD WELD _____ SQUARE FEET OF WASTED PLATE. E. VEE OUT AND REWELD _____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. F. CROP AND REPLACE _____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE. G. REMOVE AND REINSTALL _____ TONS OF BALLAST. H. AIR TEST AFTER STRUCTURAL REPAIRS. I. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: ACCOMPLISH, IN TANK, TLI SYSTEM HARDWARE REPAIR WHENEVER AN ASSOCIATED TLI SYSTEM REPAIR TASK IS NOT ACCOMPLISHED CONCURRENTLY.

Task/Abbreviation: Q-12311-025-B-FO OVFL/EXP TK - GAS FREE				MJC: EXECQAL4		Rev Date: 11/25/2008					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 120		Equip/Task: 1		Matl Cost: 2,100		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
FLEET REQUIREMENTS NSTM CH-074 VOL 3 GC:500530,MA:2900											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-12311-025)TANK REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.				OPEN, CLEAN, AND GAS FREE THE FUEL OIL OVERFLOW/EXPANSION TANK IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.					

Task/Abbreviation: Q-12311-027-A-FO OVFL/EXP TK (UNCOATED) -RPR**MJC:** EXECQA01**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12311-027)TANK REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE FUEL OIL OVERFLOW TANK. TO INCLUDE: A. CLEAN THE FUEL OIL OVERFLOW TANK. REMOVE ___ SQ FT OF PEELING, CRACKED AND BLISTERED PAINT DOWN TO GOOD SOLID BARE METAL. THE AREAS OF THE TANK WITH NO COATING ARE TO BE LEFT IN AN UNPAINTED CONDITION. B. REPLACE _____ FEET DETERIORATED SOUNDING TUBES. C. REPLACE _____ STRIKER PLATES. D. CLAD WELD _____ SQUARE FEET OF WASTED PLATE. E. VEE OUT AND REWELD _____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. F. CROP AND REPLACE _____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE. G. REMOVE AND REINSTALL _____ TONS OF BALLAST. H. AIR TEST AFTER STRUCTURAL REPAIRS. NOTES: 1. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. 2. ACCOMPLISH, IN TANK, TLI SYSTEM HARDWARE REPAIR WHENEVER AN ASSOCIATED TLI SYSTEM REPAIR TASK IS NOT ACCOMPLISHED CONCURRENTLY.

Task/Abbreviation: Q-12311-051- -FO COMPSG/EXP TK - ENTIRE PSV			MJC: EXECJ010		Rev Date: 8/3/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost: 2,750	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12311-051)TANK REQUIRES PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE THE ENTIRE FO COMPSG/EXP TANK INTERNALS, INCLUDING UNDERSIDE OF THE MANHOLE COVERS, IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-32.

Task/Abbreviation: Q-12311-052- -FO COMPSG/EXP TK - PIPING PSV			MJC: EXECJ011		Rev Date: 8/3/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 41	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 750	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12311-052)PIPING REQUIRES CLEANING AND PRESERVATION	CLEAN AND PRESERVE THE PIPING OF THE COMPENSATING/EXPANSION FUEL OIL STORAGE TANK. CLEAN AND PRESERVE ___ LF OF ___ INCH OD PIPES. CLEAN AND PRESERVE THE PEELING AND FLAKING FLANGES.

Task/Abbreviation: Q-12311-053- -FO COMPSG/EXP TK - STRL RPR**MJC:** EXECJ012**Rev Date:** 8/3/2007**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 30**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:**

BASELINE

Problem Description:(Q-12311-053)FUEL OIL
COMPENSATING/EXPANSION TANK REQUIRES
STRUCTURAL REPAIR**Recommended Solution:**STRUCTURALLY REPAIR THE COMPENSATING/EXPANSION FUEL OIL
STORAGE TANK(S). CROP OUT AND REPLACE ____ LNFT BUCKLED
T-BAR. CLEAN AREAS OF PITTING DOWN TO GOOD SOLID BARE
METAL. REPAIR ____ INCH HOLE IN THE TANK PLATING. UT INSPECT
TO DETERMINE THE MINIMUM PLATE THICKNESS. CLAD WELD IF
NECESSARY CLAD WELD ____ SQ INCHES OF WASTED/PITTED PLATE.
REMOVE AND REPLACE ____ SQFT OF PLATING INCLUDING DECK,
SHELL AND BULKHEADS. CROP OUT ____ LINEAR FEET OF DAMAGED
SHELL LONGL NUMBER____ (SIZE T-BEAM) AND INSTALL NEW
USING LIKE MATERIAL. VEE OUT AND REWELD ____ LINEAR FEET OF
WASTED AND/OR CRACKED SEAMS AND BUTTS. PRIME AND PAINT
REPAIRED AREAS.

Task/Abbreviation: Q-12311-055- -FO COMPSG/EXP TK - TCH UP PSV			MJC: EXECJ014		Rev Date: 8/3/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 48	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 750	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12311-055)TANK REQUIRES CLEANING AND TOUCH UP PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE (TOUCH UP) COMPENSATING/EXPANSION FUEL OIL STORAGE TANK. CLEAN AND PRESERVE ____ SQ FT OF SURFACE RUST, BLISTERING AND COATING FAILURE TO BARE METAL, PRIME AND PAINT.

Task/Abbreviation: Q-12311-062- -FO OVFL/EXP TK (UNCOATED) -CLN			MJC: EXECJ021		Rev Date: 5/11/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty:	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12311-062)THE FUEL OIL OVERFLOW TANK REQUIRES CLEANING	CLEAN THE FUEL OIL OVERFLOW TANK. REMOVE __ SQ FT OF PEELING, CRACKED AND BLISTERED PAINT DOWN TO GOOD SOLID BARE METAL. THE AREAS OF THE TANK WITH NO COATING SHOULD BE LEFT IN AN UNPAINTED CONDITION.

Task/Abbreviation: Q-12311-063- -FO OVFL/EXP TK UNCTD STRL-RPR			MJC: EXECJ022		Rev Date: 2/20/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12311-063)TANK REQUIRES STRUCTURAL REPAIR	STRUCTURALLY REPAIR THE FUEL OIL OVERFLOW TANK(S). CROP OUT AND REPLACE ____ LNFT BUCKLED T-BAR. CLEAN AREAS OF PITTING DOWN TO GOOD SOLID BARE METAL. REPAIR ____ INCH HOLE IN THE TANK PLATING. UT INSPECT TO DETERMINE THE MINIMUM PLATE THICKNESS. CLAD WELD IF NECESSARY CLAD WELD ____ SQ INCHES OF WASTED/PITTED PLATE. REMOVE AND REPLACE ____ SQFT OF PLATING INCLUDING DECK, SHELL AND BULKHEADS. CROP OUT ____ LINEAR FEET OF DAMAGED SHELL LONGL NUMBER____ (SIZE T-BEAM) AND INSTALL NEW USING LIKE MATERIAL. VEE OUT AND REWELD ____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS.

Task/Abbreviation: Q-12311-068- -FO STOR TK - CLEAN			MJC: EXECJ027		Rev Date: 5/11/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty:	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12311-068)THE FUEL OIL STORAGE TANK REQUIRES CLEANING	CLEAN THE FUEL OIL STORAGE TANK. REMOVE __ SQ FT OF PEELING, CRACKED AND BLISTERED PAINT DOWN TO GOOD SOLID BARE METAL. THE AREAS OF THE TANK WITH NO COATING SHOULD BE LEFT IN AN UNPAINTED CONDITION.

Task/Abbreviation: Q-12311-069- -FO STOR TK (STRL) - RPR**MJC:** EXECJ028**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:****Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12311-069) TANK REQUIRES STRUCTURAL REPAIR

STRUCTURALLY REPAIR THE FUEL OIL STORAGE OR FUEL/BALLAST TANK(S). CROP OUT AND REPLACE ____ LNFT BUCKLED T-BAR. CLEAN AREAS OF PITTING DOWN TO GOOD SOLID BARE METAL. REPAIR ____ INCH HOLE IN THE TANK PLATING. UT INSPECT TO DETERMINE THE MINIMUM PLATE THICKNESS. CLAD WELD IF NECESSARY CLAD WELD __ SQ INCHES OF WASTED/PITTED PLATE. REMOVE AND REPLACE ____ SQFT OF PLATING INCLUDING DECK, SHELL AND BULKHEADS. CROP OUT __ LINEAR FEET OF DAMAGED SHELL LONGL NUMBER ____ (SIZE T-BEAM) AND INSTALL NEW USING LIKE MATERIAL. VEE OUT AND REWELD ____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS.

Task/Abbreviation: Q-12311-071- -FO SVCE TK - CLN			MJC: EXECJ030		Rev Date: 5/11/2008
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty:	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12311-071)THE FUEL OIL SERVICE TANK REQUIRES CLEANING.	CLEAN THE FUEL OIL SERVICE TANK. REMOVE __ SQ FT OF PEELING, CRACKED AND BLISTERED PAINT DOWN TO GOOD SOLID BARE METAL. THE AREAS OF THE TANK WITH NO COATING SHOULD BE LEFT IN AN UNPAINTED CONDITION.

Task/Abbreviation: Q-12311-072- -FO SVCE TK (STRL) - RPR**MJC:** EXECJ031**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:****Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12311-072)TANK REQUIRES STRUCTURAL REPAIR

STRUCTURALLY REPAIR THE FUEL OIL SERVICE TANK(S). CROP OUT AND REPLACE ____ LNFT BUCKLED T-BAR. CLEAN AREAS OF PITTING DOWN TO GOOD SOLID BARE METAL. REPAIR ____ INCH HOLE IN THE TANK PLATING. UT INSPECT TO DETERMINE THE MINIMUM PLATE THICKNESS. CLAD WELD IF NECESSARY CLAD WELD ____ SQ INCHES OF WASTED/PITTED PLATE. REMOVE AND REPLACE ____ SQFT OF PLATING INCLUDING DECK, SHELL AND BULKHEADS. CROP OUT ____ LINEAR FEET OF DAMAGED SHELL LONGL NUMBER ____ (SIZE T-BEAM) AND INSTALL NEW USING LIKE MATERIAL. VEE OUT AND REWELD ____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS.

Task/Abbreviation: I-12311-074- -FO STOR TK - ASSESS MRC G1N5**MJC:** EXECIEM9**Rev Date:** 12/2/2008**RCM Analysis:** 7/12/2004**Scheduled:** Y**Sit Reqs:****Qty:** TBD**Removal Required:****Lvl of Maint:** 3**Freq:** 120**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2

RCM CERTIFIED REQUIREMENT CCAMM REV 2 GC:500530,MA:G1N5

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-12311-074)TANK REQUIRES ASSESSMENT IAW CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010

ACCOMPLISH THE FUEL OIL STORAGE TANK ASSESSMENT IN ACCORDANCE WITH MRC G1N5 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR TANKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1. ENSURE TANKS ARE GAS FREE BEFORE ENTERING.

Reason:**Problem Description:****Recommended Solution:**

JRMCM ONLY

(I-12311-074)TANK REQUIRES ASSESSMENT IAW CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010

REQUEST SRF CLEAN AND GAS FREE THE FUEL OIL STORAGE TANK. ACCOMPLISH A VISUAL INSPECTION OF THE FUEL OIL STORAGE TANK AND ALL INTERNAL TANK SURFACES, INCLUDING A. COATING SYSTEM. B. TANK VENTS/OVERFLOWS. C. SOUNDING TUBES. D. PIPING E. PIPING HANGERS/LINERS. F. LADDERS. G. ACCESS MANHOLE COVERS. H. IMPRESSED CURRENT SYSTEM REFERENCE ELECTRODE ENCLOSURE. I. TLI SYSTEM, CABLES/HARDWARE. J. OPERATION TEST OF TLI SYSTEM. REPORT CONDITIONS FOUND TO MAINT TEAM VIA CONDITION REPORT. A SEPARATE JSN WILL BE SCREENED TO ACCOMPLISH TOUCH UP PAINTING AND REPAIRS BASED ON THE CONDITION REPORT PROVIDED BY THIS JOB.

Task/Abbreviation: I-12311-075- -FO COMPSG/EXP TK - MRC G1N5**MJC:** EXECIF96**Rev Date:** 12/2/2008**RCM Analysis:** 7/12/2005**Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 72**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2

RCM CERTIFIED REQUIREMENT CCAMM REV 2 GC:500600,MA:G1N5

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-12311-075)TANK REQUIRES ASSESSMENT IAW
NSTM REQUIREMENT AND CRITERIA OF THE
CORROSION CONTROL INFORMATION
MANAGEMENT SYSTEM (CCIMS)
T-9630-AB-MMD-010

ACCOMPLISH THE COMPENSATING/EXPANSION FUEL OIL STORAGE
TANK ASSESSMENT IN ACCORDANCE WITH MRC G1N5 AS FOLLOWS:
1. CONDUCT ASSESSMENT PROCEDURE FOR TANKS . REPORT
CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B. NOTE 1. ENSURE TANKS ARE GAS FREE BEFORE
ENTERING.

Task/Abbreviation: I-12311-076- -FO SVCE TK - ASSESS - MRC G1N5**MJC:** EXECIF97**Rev Date:** 12/2/2008**RCM Analysis:** 7/12/2004**Scheduled:** Y**Sit Reqs:****Qty:** TBD**Removal Required:****Lvl of Maint:** 3**Freq:** 120**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2

RCM CERTIFIED REQUIREMENT CCAMM REV 2 GC:500601,MA:G1N5

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-12311-076)TANK REQUIRES ASSESSMENT IAW CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010

ACCOMPLISH THE FUEL OIL SERVICE TANK ASSESSMENT IN ACCORDANCE WITH MRC G1N5 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR TANKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1. ENSURE TANKS ARE GAS FREE BEFORE ENTERING.

Reason:**Problem Description:****Recommended Solution:**

JRMCM ONLY

(I-12311-076)TANK REQUIRES ASSESSMENT IAW CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010

REQUEST SRF CLEAN AND GAS FREE THE FUEL OIL SERVICE TANK. ACCOMPLISH A VISUAL INSPECTION OF THE FUEL OIL SERVICE TANK AND ALL INTERNAL TANK SURFACES, INCLUDING A. COATING SYSTEM. B. TANK VENTS/OVERFLOWS. C. SOUNDING TUBES. D. PIPING E. PIPING HANGERS/LINERS. F. LADDERS. G. ACCESS MANHOLE COVERS. H. IMPRESSED CURRENT SYSTEM REFERENCE ELECTRODE ENCLOSURE. I. TLI SYSTEM, CABLES/HARDWARE. J. OPERATION TEST OF TLI SYSTEM. REPORT CONDITIONS FOUND TO MAINT TEAM VIA CONDITION REPORT. A SEPARATE JSN WILL BE SCREENED TO ACCOMPLISH TOUCH UP PAINTING AND REPAIRS BASED ON THE CONDITION REPORT PROVIDED BY THIS JOB.

Task/Abbreviation: I-12311-078- -FO OVFL/EXP TK-ASSESS MRC G1N5**MJC:** EXECIF99**Rev Date:** 12/2/2008**RCM Analysis:** 7/12/2004**Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 120**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2

RCM CERTIFIED REQUIREMENT CCAMM REV 2 GC:500530,MA:G1N5

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-12311-078)TANK REQUIRES ASSESSMENT IAW CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010

ACCOMPLISH THE FUEL OIL OVERFLOW TANK ASSESSMENT IN ACCORDANCE WITH MRC G1N5 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR TANKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1. ENSURE TANKS ARE GAS FREE BEFORE ENTERING.

Reason:**Problem Description:****Recommended Solution:**

JRMCM ONLY

(I-12311-078)TANK REQUIRES ASSESSMENT IAW CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010

REQUEST SRF CLEAN AND GAS FREE THE FUEL OIL OVERFLOW/EXPANSION TANK. ACCOMPLISH A VISUAL INSPECTION OF THE FUEL OIL OVERFLOW/EXPANSION TANK AND ALL INTERNAL TANK SURFACES, INCLUDING A. COATING SYSTEM. B. TANK VENTS/OVERFLOWS. C. SOUNDING TUBES. D. PIPING E. PIPING HANGERS/LINERS. F. LADDERS. G. ACCESS MANHOLE COVERS. H. IMPRESSED CURRENT SYSTEM REFERENCE ELECTRODE ENCLOSURE. I. TLI SYSTEM, CABLES/HARDWARE. J. OPERATION TEST OF TLI SYSTEM. REPORT CONDITIONS FOUND TO MAINT TEAM VIA CONDITION REPORT. A SEPARATE JSN WILL BE SCREENED TO ACCOMPLISH TOUCH UP PAINTING AND REPAIRS BASED ON THE CONDITION REPORT PROVIDED BY THIS JOB.

Task/Abbreviation: I-12311-093- -FO STOR TK - DGTL IMAG ASSESS			MJC: EXECIH39		Rev Date: 2/20/2009
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-12311-093)FUEL OIL STORAGE TANK REQUIRES ASSESSMENT.	ACCOMPLISH ASSESSMENT OF THE FUEL OIL STORAGE TANK UTILIZING DIGITAL IMAGING TECHNOLOGY.

Task/Abbreviation: I-12311-094- -FO SVCE TK - DGTL IMAG ASSESS				MJC: EXECIH40		Rev Date: 2/20/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-12311-094)FUEL OIL SERVICE TANK REQUIRES ASSESSMENT.				ACCOMPLISH ASSESSMENT OF THE FUEL OIL SERVICE TANK UTILIZING DIGITAL IMAGING TECHNOLOGY.					

Task/Abbreviation: I-12311-096- -FO COMPSG/EX TK- DGL IMG ASSES			MJC: EXECIH43		Rev Date: 7/30/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-12311-096)THE COMPENSATING/EXPANSION FUEL OIL STORAGE TANK REQUIRES ASSESSMENT.	ACCOMPLISH ASSESSMENT OF THE COMPENSATING/EXPANSION FUEL OIL STORAGE TANK UTILIZING DIGITAL IMAGING TECHNOLOGY.

Task/Abbreviation: I-12311-097- -FO OVFL/EX TK - DGL IMG ASSESS				MJC: EXECIH44		Rev Date: 2/20/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-12311-097) FUEL OIL OVERFLOW TANK REQUIRES ASSESSMENT.				ACCOMPLISH ASSESSMENT OF THE FUEL OIL OVERFLOW TANK UTILIZING DIGITAL IMAGING TECHNOLOGY.					

Task/Abbreviation: Q-12311-100- -FO/BALLAST TK - CLEAN & PSV			MJC: EXECQCW2		Rev Date: 8/29/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 41	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,750	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-12311-100)FUEL OIL/BALLAST TANK REQUIRES CLEANING AND PRESERVATION	CLEAN AND PRESERVE THE ENTIRE FUEL OIL/BALLAST TANK INTERNALS, INCLUDING UNDERSIDE OF THE MANHOLE COVERS, IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-32.			

Task/Abbreviation: Q-12311-101- -FO/BALLAST TANK - PIPING PSV			MJC: EXECQCX0		Rev Date: 10/17/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 48	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 750	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12311-101)FUEL OIL STORAGE TANK PIPING REQUIRES CLEANING AND PRESERVATION	CLEAN AND PRESERVE THE PIPING OF THE FUEL OIL STORAGE TANK. CLEAN AND PRESERVE ____ LF OF ____ INCH OD PIPES. CLEAN AND PRESERVE THE PEELING AND FLAKING FLANGES.

Task/Abbreviation: Q-12311-102- -FO/BALLAST TK - TOUCH UP PSV			MJC: EXECQCX1		Rev Date: 10/17/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 750	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12311-102)TANK REQUIRES CLEANING AND TOUCH UP PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE (TOUCH UP) FUEL/BALLAST TANK. CLEAN AND PRESERVE ____ SQ FT OF SURFACE RUST, BLISTERING AND COATING FAILURE TO BARE METAL, PRIME AND PAINT.

Task/Abbreviation: Q-12311-103- -FO/BALLAST TK - RPR**MJC:** EXECQCX2**Rev Date:** 8/29/2007**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 41**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,500**ManDays:** 30**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12311-103)FUEL/BALLAST TANK REQUIRES REPAIRS

ACCOMPLISH THE FOLLOWING REPAIRS TO THE FUEL/BALLAST TANK. TO INCLUDE: A. REPAIR _____ SQUARE FEET OF COATING SYSTEM USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. B. REPLACE _____ FEET DETERIORATED SOUNDING TUBES C. REPLACE _____ STRIKER PLATES. D. CLAD WELD _____ SQUARE FEET OF WASTED PLATE. E. VEE OUT AND REWELD _____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. F. CROP AND REPLACE _____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE. G. REMOVE AND REINSTALL _____ TONS OF BALLAST. H. REPLACE _____ DETERIORATED OR MISSING ANODES & HDW. I. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. I. AIR TEST AFTER STRUCTURAL REPAIRS. NOTE: ACCOMPLISH, IN TANK, TLI SYSTEM HARDWARE REPAIR WHENEVER THE ASSOCIATED TLI SYSTEM REPAIR TASK Q-43721-14 IS NOT ACCOMPLISHED CONCURRENTLY.

Task/Abbreviation: Q-12311-104- -FO OVFL/EXP TANK - PIPING PSV			MJC: EXECQCX9		Rev Date: 10/17/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 750	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12311-104)FO OVFL/EXP TANK PIPING REQUIRES CLEANING AND PRESERVATION	CLEAN AND PRESERVE THE PIPING OF THE FUEL OIL OVFL/EXP TANK. CLEAN AND PRESERVE ____ LF OF ____ INCH OD PIPES. CLEAN AND PRESERVE THE PEELING AND FLAKING FLANGES.

Task/Abbreviation: Q-12311-106- -FO OVFL/EXP TK (COATED) - RPR**MJC:** EXECQCY6**Rev Date:** 9/25/2007**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,500**ManDays:** 30**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12311-106)FO OVERFLOW/EXPANSION TANK
REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE
OVERFLOW/EXPANSION TANK TO INCLUDE: A. REPAIR ____ SQUARE
FEET OF COATING SYSTEM USING NAVSEA STANDARD ITEM 009-32
FOR GUIDANCE. B. REPLACE ____ FEET DETERIORATED
SOUNDING TUBES C. REPLACE ____ STRIKER PLATES. D. CLAD
WELD ____ SQUARE FEET OF WASTED PLATE. E. VEE OUT AND
REWELD ____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS
AND BUTTS. F. CROP AND REPLACE ____ SQUARE FEET OF
DETERIORATED AND/OR BUCKLED PLATE. G. REMOVE AND
REINSTALL ____ TONS OF BALLAST. H. REPLACE ____
DETERIORATED OR MISSING ANODES & HDW. I. PROVIDE
____ MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH
ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. I. AIR TEST
AFTER STRUCTURAL REPAIRS. NOTE: ACCOMPLISH, IN TANK, TLI
SYSTEM HARDWARE REPAIR WHENEVER THE ASSOCIATED TLI
SYSTEM REPAIR TASK Q-43721-14 IS NOT ACCOMPLISHED
CONCURRENTLY.

Task/Abbreviation: Q-12311-107- -FO OVFL/EXP TK - CLEAN & PSV				MJC: EXECQCY7		Rev Date: 9/25/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,000		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12311-107)TANK REQUIRES CLEANING AND TOUCH UP PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE THE ENTIRE FO OVFL/EXP TANK INTERNALS, INCLUDING UNDERSIDE OF THE MANHOLE COVERS, IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-32.

Task/Abbreviation: Q-12311-108- -FO OVFL/EXP TK - TCH UP PSV			MJC: EXECQCY8		Rev Date: 10/17/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,000	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12311-108)TANK REQUIRES CLEANING AND TOUCH UP PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE (TOUCH UP) OVERFLOW/EXPANSION FUEL OIL STORAGE TANK. CLEAN AND PRESERVE ____ SQ FT OF SURFACE RUST, BLISTERING AND COATING FAILURE TO BARE METAL, PRIME AND PAINT.

Task/Abbreviation: Q-12312-001-A-JP5 STOR TK - GAS FREE		MJC: EXECQAL3	Rev Date: 9/18/2008		
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 11	Removal Required:	
Lvl of Maint: 1	Freq: 120	Equip/Task: 1	Matl Cost: 2,100	ManDays: 20	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12312-001)JP5 STORAGE TANK REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	OPEN, CLEAN, AND GAS FREE THE JP5 STORAGE TANK IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.

Task/Abbreviation: I-12312-002-A-JP5 STOR TK - ASSESS MRC G1N5**MJC:** EXECI400**Rev Date:** 9/18/2008**RCM Analysis:** 1/8/2007**Scheduled:** Y**Sit Reqs:****Qty:** 11**Removal Required:****Lvl of Maint:** 3**Freq:** 120**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2

CCAMM REV 2 AV CERT NAVAIRINST 3120.1C GC:500780,MA:G1N5

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-12312-002)THE JP5 STORAGE/DRAIN TANK
REQUIRES ASSESSMENT.ACCOMPLISH THE JP5 STORAGE TANK ASSESSMENT IN
ACCORDANCE WITH MRC G1N5 AS FOLLOWS: 1. CONDUCT
ASSESSMENT PROCEDURE FOR TANKS . PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B. NOTE 1. ENSURE TANKS ARE GAS FREE BEFORE
ENTERING.**Reason:****Problem Description:****Recommended Solution:**

JRMCM ONLY

(I-12312-002)THE JP5 STORAGE/DRAIN TANK
REQUIRES ASSESSMENT.REQUEST SRF CLEAN AND GAS FREE THE JP5 STORAGE/DRAIN
TANK. ACCOMPLISH A VISUAL INSPECTION OF THE JP-5
STORAGE/DRAIN TANK AND ALL INTERNAL TANK SURFACES,
INCLUDING A. COATING SYSTEM. B. TANK VENTS/OVERFLOWS, C.
SOUNDING TUBES. D. PIPING E. PIPING HANGERS/LINERS F.
LADDERS G. ACCESS MANHOLE COVERS H. IMPRESSED CURRENT
SYSTEM REFERENCE ELECTRODE ENCLOSURE I. TLI SYSTEM AND
CABLES/HARDWARE J. OPERATION TEST OF TLI SYSTEM. REPORT
CONDITIONS FOUND TO MAINT TEAM VIA CONDITION REPORT. A
SEPARATE JSN WILL BE SCREENED TO ACCOMPLISH TOUCH UP
PAINTING AND REPAIRS BASED ON THE CONDITION REPORT
PROVIDED BY THIS JOB.

Task/Abbreviation: Q-12312-003- -JP5 STOR TK - RPR**MJC:** EXECQ018**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 11**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12312-003)TANK REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE JP5 STORAGE TANK. TO INCLUDE: A. REPAIR _____ SQUARE FEET OF COATING SYSTEM USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. B. REPLACE _____ FEET DETERIORATED SOUNDING TUBES. C. REPLACE _____ STRIKER PLATES. D. CLAD WELD _____ SQUARE FEET OF WASTED PLATE. E. VEE OUT AND REWELD _____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. F. CROP AND REPLACE _____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE. G. REMOVE AND REINSTALL _____ TONS OF BALLAST. H. AIR TEST AFTER STRUCTURAL REPAIRS. I. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: ACCOMPLISH, IN TANK, TLI SYSTEM HARDWARE REPAIR WHENEVER THE ASSOCIATED TLI SYSTEM REPAIR TASK Q-43721-15 IS NOT ACCOMPLISHED CONCURRENTLY.

Task/Abbreviation: Q-12312-005-A-JP5 SVCE TK - GAS FREE			MJC: EXECQAL2		Rev Date: 9/18/2008
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 96	Equip/Task: 1	Matl Cost: 2,100	ManDays: 21	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12312-005)JP5 SERVICE TANK REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	OPEN, CLEAN, AND GAS FREE THE JP5 SERVICE TANK IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.

Task/Abbreviation: I-12312-006-A-JP5 SVCE TK - ASSESS MRC G1N5**MJC:** EXECI401**Rev Date:** 9/18/2008**RCM Analysis:** 1/8/2007**Scheduled:** Y**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 96**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2

CCAMM REV 2 AV CERT NAVAIRINST 3120.1C GC:500781,MA:G1N5

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-12312-006) THE JP5 SERVICE TANK REQUIRES ASSESSMENT.

ACCOMPLISH THE JP5 SERVICE TANK ASSESSMENT IN ACCORDANCE WITH MRC G1N5 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR TANKS . PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1. ENSURE TANKS ARE GAS FREE BEFORE ENTERING.

Reason:**Problem Description:****Recommended Solution:**

JRMCM ONLY

(I-12312-006)THE JP5 SERVICE TANK REQUIRES ASSESSMENT.

REQUEST SRF CLEAN AND GAS FREE THE JP5 SERVICE TANK. ACCOMPLISH A VISUAL INSPECTION OF THE JP-5 SERVICE TANK AND ALL INTERNAL TANK SURFACES, INCLUDING A. COATING SYSTEM. B. TANK VENTS/OVERFLOWS, C. SOUNDING TUBES. D. PIPING E. PIPING HANGERS/LINERS F. LADDERS G. ACCESS MANHOLE COVERS H. IMPRESSED CURRENT SYSTEM REFERENCE ELECTRODE ENCLOSURE I. TLI SYSTEM AND CABLES/HARDWARE J. OPERATION TEST OF TLI SYSTEM. REPORT CONDITIONS FOUND TO MAINT TEAM VIA CONDITION REPORT. A SEPARATE JSN WILL BE SCREENED TO ACCOMPLISH TOUCH UP PAINTING AND REPAIRS BASED ON THE CONDITION REPORT PROVIDED BY THIS JOB.

Task/Abbreviation: Q-12312-007- -JP5 SVCE TK - RPR**MJC:** EXECQA03**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12312-007) TANK REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE JP5 SERVICE TANK. TO INCLUDE: A. REPLACE _____ FEET DETERIORATED SOUNDING TUBES B. REPLACE _____ STRIKER PLATES. C. CLAD WELD _____ SQUARE FEET OF WASTED PLATE. D. VEE OUT AND REWELD _____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. E. CROP AND REPLACE _____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE. F. REMOVE AND REINSTALL _____ TONS OF BALLAST. G. AIR TEST AFTER STRUCTURAL REPAIRS. I. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: ACCOMPLISH, IN TANK, TLI SYSTEM HARDWARE REPAIR WHENEVER THE ASSOCIATED TLI SYSTEM REPAIR TASK Q-43721-15 IS NOT ACCOMPLISHED CONCURRENTLY.

Task/Abbreviation: Q-12312-018- -JP5 STOR TK - ENTIRE PSV			MJC: EXECJ038		Rev Date: 8/3/2007	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 11	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12312-018)TANK REQUIRES PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE THE ENTIRE JP5 STORAGE TANK INTERNALS, INCLUDING UNDERSIDE OF THE MANHOLE COVERS, IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-32.

Task/Abbreviation: Q-12312-019- -JP5 STOR TK - PIPING PSV				MJC: EXECJ039		Rev Date: 8/3/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 11		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 600		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12312-019)PIPING REQUIRES CLEANING AND PRESERVATION	CLEAN AND PRESERVE THE PIPING OF THE JP5 STORAGE TANK. CLEAN AND PRESERVE ____ LF OF ____ INCH OD PIPES. CLEAN AND PRESERVE THE PEELING AND FLAKING FLANGES.

Task/Abbreviation: Q-12312-020- -JP5 STOR TK - STRL RPR**MJC:** EXECJ040**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12312-020) TANK REQUIRES STRUCTURAL REPAIR

STRUCTURALLY REPAIR THE JP5 STORAGE TANK(S). CROP OUT AND REPLACE ____ LNFT BUCKLED T-BAR. CLEAN AREAS OF PITTING DOWN TO GOOD SOLID BARE METAL. REPAIR ____ INCH HOLE IN THE TANK PLATING. UT INSPECT TO DETERMINE THE MINIMUM PLATE THICKNESS. CLAD WELD IF NECESSARY CLAD WELD ____ SQ INCHES OF WASTED/PITTED PLATE. REMOVE AND REPLACE ____ SQFT OF PLATING INCLUDING DECK, SHELL AND BULKHEADS. CROP OUT ____ LINEAR FEET OF DAMAGED SHELL LONGL NUMBER ____ (SIZE T-BEAM) AND INSTALL NEW USING LIKE MATERIAL. VEE OUT AND REWELD ____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS.

Task/Abbreviation: Q-12312-022- -JP5 STOR TK - TCH UP PSV			MJC: EXECJ042		Rev Date: 8/3/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 11	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12312-022)TANK REQUIRES CLEANING AND TOUCH UP PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE (TOUCH UP) JP5 STORAGE TANK. CLEAN AND PRESERVE ____ SQ FT OF SURFACE RUST, BLISTERING AND COATING FAILURE TO BARE METAL, PRIME AND PAINT.

Task/Abbreviation: Q-12312-023- -JP5 SVCE TK - ENTIRE PSV			MJC: EXECJ043		Rev Date: 8/3/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12312-023)TANK REQUIRES PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE THE ENTIRE JP5 SERVICE TANK INTERNALS, INCLUDING UNDERSIDE OF THE MANHOLE COVERS, IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-32.

Task/Abbreviation: Q-12312-024- -JP5 SVCE TK - PIPING PSV			MJC: EXECJ044		Rev Date: 8/3/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 600	ManDays: 12	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12312-024)PIPING REQUIRES CLEANING AND PRESERVATION	CLEAN AND PRESERVE THE PIPING OF THE JP5 SERVICE TANK. CLEAN AND PRESERVE ____ LF OF ____ INCH OD PIPES. CLEAN AND PRESERVE THE PEELING AND FLAKING FLANGES.

Task/Abbreviation: Q-12312-025- -JP5 SVCE TK - STRL RPR**MJC:** EXECJ045**Rev Date:** 2/20/2009**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 1,250 **ManDays:** 25 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 2**Reason:**

BASELINE

Problem Description:

(Q-12312-025)TANK REQUIRES STRUCTURAL REPAIR

Recommended Solution:

STRUCTURALLY REPAIR THE JP5 SERVICE TANK(S). CROP OUT AND REPLACE ____ LNFT BUCKLED T-BAR. CLEAN AREAS OF PITTING DOWN TO GOOD SOLID BARE METAL. REPAIR ____ INCH HOLE IN THE TANK PLATING. UT INSPECT TO DETERMINE THE MINIMUM PLATE THICKNESS. CLAD WELD IF NECESSARY CLAD WELD ____ SQ INCHES OF WASTED/PITTED PLATE. REMOVE AND REPLACE ____ SQFT OF PLATING INCLUDING DECK, SHELL AND BULKHEADS. CROP OUT ____ LINEAR FEET OF DAMAGED SHELL LONGL NUMBER ____ (SIZE T-BEAM) AND INSTALL NEW USING LIKE MATERIAL. VEE OUT AND REWELD ____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS.

Task/Abbreviation: Q-12312-027- -JP5 SVCE TK - TCH UP PSV			MJC: EXECJ047		Rev Date: 8/3/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12312-027)TANK REQUIRES CLEANING AND TOUCH UP PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE (TOUCH UP) JP5 SERVICE TANK. CLEAN AND PRESERVE ____ SQ FT OF SURFACE RUST, BLISTERING AND COATING FAILURE TO BARE METAL, PRIME AND PAINT.

Task/Abbreviation: I-12312-030- -JP5 STOR TK - DGTL IMAG ASSESS				MJC: EXECIH45		Rev Date: 2/20/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-12312-030)JP5 STORAGE TANK REQUIRES ASSESSMENT.				ACCOMPLISH ASSESSMENT OF THE JP5 STORAGE TANK UTILIZING DIGITAL IMAGING TECHNOLOGY.					

Task/Abbreviation: I-12312-031- -JP5 SVCE TK - DGTL IMAG ASSESS				MJC: EXECIH48		Rev Date: 2/20/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-12312-031)JP5 SERVICE TANK REQUIRES ASSESSMENT.				ACCOMPLISH ASSESSMENT OF THE JP5 SERVICE TANK UTILIZING DIGITAL IMAGING TECHNOLOGY.					

Task/Abbreviation: Q-12313-001-A-FDW TK - GAS FREE		MJC: EXECQ057	Rev Date: 9/18/2008		
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 72	Equip/Task: 1	Matl Cost: 2,100	ManDays: 21	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12313-001)TANK REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	OPEN, CLEAN, AND GAS FREE THE FEEDWATER TANK IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.

Task/Abbreviation: I-12313-002-A-FDW TK - ASSESS MRC G1N5**MJC:** EXECM019**Rev Date:** 9/18/2008**RCM Analysis:** **Scheduled:** Y **Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 72**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:** **Repair Pool:****MCC:** 2

RCM CERTIFIED REQUIREMENT CCAMM REV 2 GC:500575,MA:G1N5

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-12313-002)TANK REQUIRES ASSESSMENT IAW CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010

ACCOMPLISH THE FEEDWATER TANK ASSESSMENT IN ACCORDANCE WITH MRC G1N5 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR TANKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1. ENSURE TANKS ARE GAS FREE BEFORE ENTERING.

Reason:**Problem Description:****Recommended Solution:**

JRMCM ONLY

(I-12313-002)TANK REQUIRES ASSESSMENT IAW NSTM REQUIREMENT AND CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010

REQUEST SRF CLEAN AND GAS FREE THE FEEDWATER TANK. IAW NSTM CH-090, PARA 090-1.4.3.2", AND CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010: ACCOMPLISH A VISUAL INSPECTION OF THE FEEDWATER TANK AND ALL INTERNAL TANK SURFACES, INCLUDING A. COATING SYSTEM B. TANK VENTS/OVERFLOWS C. SOUNDING TUBES D. PIPING E. PIPING HANGERS/LINERS F. LADDERS G. ACCESS MANHOLE COVERS H. IMPRESSED CURRENT SYSTEM REFERENCE ELECTRODE ENCLOSURE I. TLI SYSTEM AND CABLES/HARDWARE J. OPERATIONAL TEST OF TLI SYSTEM. REPORT CONDITIONS FOUND TO MAINT TEAM VIA CONDITION REPORT. A SEPARATE JSN WILL BE SCREENED TO ACCOMPLISH TOUCH UP PAINTING AND REPAIRS BASED ON THE CONDITION REPORT PROVIDED BY THIS JOB.

Task/Abbreviation: Q-12313-003-A-FDW TK - RPR**MJC:** EXECQ020**Rev Date:** 7/30/2007**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12313-003)TANK REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE FEEDWATER TANK. TO INCLUDE: A. REPLACE _____ FEET DETERIORATED SOUNDING TUBES. B. REPLACE _____ STRIKER PLATES. C. CLAD WELD _____ SQUARE FEET OF WASTED PLATE. D. VEE OUT AND REWELD _____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. E. CROP AND REPLACE _____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE. F. REMOVE AND REINSTALL _____ TONS OF BALLAST. G. AIR TEST AFTER STRUCTURAL REPAIRS. H. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: ACCOMPLISH, IN TANK, TLI SYSTEM HARDWARE REPAIR WHENEVER THE ASSOCIATED TLI SYSTEM REPAIR TASK Q-43721-16 IS NOT ACCOMPLISHED CONCURRENTLY.

Task/Abbreviation: Q-12313-004- -FDW TK (ENTIRE)- PSV			MJC: EXECJ048		Rev Date: 7/30/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12313-004)TANK REQUIRES PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE ENTIRE FEEDWATER TANK INTERNALS, INCLUDING UNDERSIDE OF THE MANHOLE COVERS, IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-32.

Task/Abbreviation: Q-12313-005- -FDW TK (PIPING)- PSV			MJC: EXECJ049		Rev Date: 7/30/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12313-005)PIPING REQUIRES CLEANING AND PRESERVATION	CLEAN AND PRESERVE THE PIPING OF THE FEEDWATER TANK. CLEAN AND PRESERVE ____ LF OF ____ INCH OD PIPES. CLEAN AND PRESERVE THE PEELING AND FLAKING FLANGES.

Task/Abbreviation: Q-12313-006- -FDW TK (STRL) - RPR			MJC: EXECJ050		Rev Date: 7/30/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12313-006)TANK REQUIRES STRUCTURAL REPAIR	STRUCTURALLY REPAIR THE FEEDWATER TANK(S). CROP OUT AND REPLACE ____ LNFT BUCKLED T-BAR. CLEAN AREAS OF PITTING DOWN TO GOOD SOLID BARE METAL. REPAIR ____ INCH HOLE IN THE TANK PLATING. UT INSPECT TO DETERMINE THE MINIMUM PLATE THICKNESS. CLAD WELD IF NECESSARY CLAD WELD ____ SQ INCHES OF WASTED/PITTED PLATE. REMOVE AND REPLACE ____ SQFT OF PLATING INCLUDING DECK, SHELL AND BULKHEADS. CROP OUT ____ LINEAR FEET OF DAMAGED SHELL LONGL NUMBER ____ (SIZE T-BEAM) AND INSTALL NEW USING LIKE MATERIAL. VEE OUT AND REWELD ____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS.

Task/Abbreviation: Q-12313-008- -FDW TK TOUCH UP -PSV			MJC: EXECJ052		Rev Date: 7/30/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 950	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12313-008)TANK REQUIRES CLEANING AND TOUCH UP PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE (TOUCH UP) FEEDWATER TANK. CLEAN AND PRESERVE ____ SQ FT OF SURFACE RUST, BLISTERING AND COATING FAILURE TO BARE METAL, PRIME AND PAINT.

Task/Abbreviation: I-12313-010- -FDW TK - DCTL IMAG ASSESS				MJC: EXECIGY6		Rev Date: 7/30/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-12313-010)FEEDWATER TANK REQUIRES ASSESSMENT.				ACCOMPLISH ASSESSMENT OF THE FEEDWATER TANK UTILIZING DIGITAL IMAGING TECHNOLOGY.					

Task/Abbreviation: Q-12314-001-A-POTW TK - GAS FREE			MJC: EXECQ058		Rev Date: 9/18/2008
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 72	Equip/Task: 1	Matl Cost: 2,100	ManDays: 21	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12314-001)TANK REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	OPEN, CLEAN, AND GAS FREE THE POTABLE WATER TANK IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.

Task/Abbreviation: I-12314-002-A-POTW TK - ASSESS MRC G1N5

MJC: EXECM021

Rev Date: 9/18/2008

RCM Analysis: Scheduled: Y Sit Reqs:

Qty: 6

Removal Required:

Lvl of Maint: 3 Freq: 72 Equip/Task: 1 Matl Cost: ManDays: 1 Alt No:

Referenced Authority: Repair Pool: MCC: 2

RCM CERTIFIED REQUIREMENT CCAMM REV 2 GC:500710,MA:G1N5

Reason: Problem Description:

BASELINE (I-12314-002)TANK REQUIRES ASSESSMENT IAW CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010

Recommended Solution:

ACCOMPLISH THE POTABLE WATER TANK ASSESSMENT IN ACCORDANCE WITH MRC G1N5 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR TANKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1. ENSURE TANKS ARE GAS FREE BEFORE ENTERING.

Reason: Problem Description:

JRMC ONLY (I-12314-002)TANK REQUIRES ASSESSMENT IAW NSTM REQUIREMENT AND CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010

Recommended Solution:

REQUEST SRF CLEAN & GAS FREE THE POTABLE WATER TANK. IAW NSTM REQUIREMENT & CRITERIA OF CCIMS T-9630-AB-MMD-010: INSPECT THE TANK TO INCLUDE INTERNAL SURFACES, SUPPORTING STRUCTURES AND BRACING; FITTINGS & PENETRATIONS, FROM TANK UP TO & INCLUDING FIRST FLANGE FOR FILL, TRANSFER, DRAIN, AND VENT; FITTINGS FOR LOCAL/REMOTE LEVEL MONITORS & ACCESS MANHOLES/ASSOCIATED HARDWARE. REPORT CONDITIONS FOUND TO THE NSA TO INCLUDE: COATING; LADDERS & ASSOCIATED HARDWARE; PIPING TRANSVERSING TANKS & BRACKETS; SOUNDING TUBES & BRACKETS; TANK OVERFLOWS & BRACKETS; TANK VENTS & BRACKETS; TERMINATING PIPING WITHIN TANK & BRACKETS; AND ANODES. NOTES: 1. ENSURE TANK IS GAS FREE BEFORE ENTERING. 2. ACCOMPLISH TLI SYSTEM HARDWARE INSPECTION WHEN A TLI SYSTEM INSPECT TASK IS NOT ACCOMPLISHED CONCURRENTLY. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-12314-003-A-POTW TK - RPR**MJC:** EXECQ021**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12314-003)POTABLE WATER TANK REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE POTABLE WATER TANK. TO INCLUDE: A. REPAIR _____ SQUARE FEET OF COATING SYSTEM USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. B. REPLACE _____ FEET DETERIORATED SOUNDING TUBES. C. REPLACE _____ STRIKER PLATES. D. CLAD WELD _____ SQUARE FEET OF WASTED PLATE. E. VEE OUT AND REWELD _____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. F. CROP AND REPLACE _____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE. G. CHLORINATE UPON CLOSING THE POTABLE WATER TANK. H. AIR TEST AFTER STRUCTURAL REPAIRS. I. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: 1. ACCOMPLISH, IN TANK, TLI SYSTEM HARDWARE REPAIR WHENEVER AN ASSOCIATED TLI SYSTEM REPAIR TASK IS NOT ACCOMPLISHED CONCURRENTLY. 2. UTILIZE NAVSEA STANDARD ITEM 009-87, CHLORINATION PROCEDURES, FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: Q-12314-008- -POTW TANK (ENTIRE) - PSV**MJC:** EXECJ001**Rev Date:** 5/11/2008**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12314-008)TANK REQUIRES PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.

CLEAN AND PRESERVE THE ENTIRE POTABLE WATER TANK INTERNALS, INCLUDING UNDERSIDE OF THE MANHOLE COVERS, IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-32. CHLORINATE UPON CLOSING THE POTABLE WATER TANK. UTILIZE NAVSEA STANDARD ITEM 009-87, CHLORINATION PROCEDURES, FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: Q-12314-009- -POTW TANK (PIPING) - PSV			MJC: EXECJ002		Rev Date: 5/11/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 333	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12314-009)THE POTABLE WATER TANK PIPING REQUIRES PRESERVATION	CLEAN AND PRESERVE THE PIPING OF THE POTABLE WATER TANK. CLEAN AND PRESERVE ____ LINEAR FEET OF ____ INCH OD PIPES. CLEAN THE PEELING AND FLAKING FLANGES AND PRESERVE. CHLORINATE UPON CLOSING THE POTABLE WATER TANK. UTILIZE NAVSEA STANDARD ITEM 009-87, CHLORINATION PROCEDURES, FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: Q-12314-011- -POTW TANK (STRUCTURAL) - RPR**MJC:** EXECJ004**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12314-011)POTABLE WATER TANK REQUIRES
STRUCTURAL REPAIR

ACCOMPLISH STRUCTURAL REPAIR TO THE POTABLE WATER TANK. CROP OUT AND REPLACE ____ LINEAR FEET OF BUCKLED T-BAR. CLEAN AREAS OF PITTING DOWN TO GOOD SOLID BARE METAL. REPAIR ____ INCH HOLE IN THE TANK PLATING. UT INSPECT TO DETERMINE THE MINIMUM PLATE THICKNESS. CLAD WELD ____ SQUARE INCHES OF WASTED/PITTED PLATE. REMOVE AND REPLACE ____ SQUARE FEET OF PLATING INCLUDING DECK, SHELL, AND BULKHEADS. CROP OUT ____ LINEAR FEET OF DAMAGED SHELL LONGL NUMBER _____ (SIZE T-BEAM) AND INSTALL NEW USING LIKE MATERIAL. VEE OUT AND REWELD ____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. PRIME AND PAINT REPAIRED AREAS. CHLORINATE UPON CLOSING THE POTABLE WATER TANK. UTILIZE NAVSEA STANDARD ITEM 009-87, CHLORINATION PROCEDURES, FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: Q-12314-012- -POTW TANK (TOUCH UP) - PSV			MJC: EXECJ005		Rev Date: 5/11/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 333	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12314-012)POTABLE WATER TANK REQUIRES CLEANING AND TOUCH UP PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.)	CLEAN AND PRESERVE (TOUCH UP) THE POTABLE WATER TANK. REMOVE ____ SQUARE FEET OF SURFACE RUST, BLISTERING, AND COATING FAILURE DOWN TO BARE METAL. PRIME AND PAINT. CHLORINATE UPON CLOSING THE POTABLE WATER TANK. UTILIZE NAVSEA STANDARD ITEM 009-87, CHLORINATION PROCEDURES, FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: I-12314-014- -POTW TK - DGTL IMAG ASSESS				MJC: EXECIGY8		Rev Date: 2/20/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-12314-014)POTABLE WATER TANK REQUIRES ASSESSMENT.				ACCOMPLISH ASSESSMENT OF THE POTABLE WATER TANK UTILIZING DIGITAL IMAGING TECHNOLOGY.					

Task/Abbreviation: Q-12314-015- -FW (NON POTW) TK - GAS FREE				MJC: EXECQCQ5		Rev Date: 5/11/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 0			
FLEET REQUIREMENTS NSTM CH-074 VOL 3 GC:500710,MA:2900											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-12314-015)FRESH WATER (NON POTABLE WATER) TANK REQUIRES GAS FREEING				OPEN, CLEAN, AND GAS FREE THE FRESH WATER (NON POTABLE WATER) TANK IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.					

Task/Abbreviation: I-12314-021- -FW(NONPOTW) TK-ASSESS MRC G1N5			MJC: EXECIH66		Rev Date: 6/3/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 0		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-12314-021)FRESH WATER (NON POTABLE WATER) TANK REQUIRES ASSESSMENT IN ACCORDANCE WITH MRC G1N5.	ACCOMPLISH THE FRESH WATER (NON POTABLE WATER) TANK ASSESSMENT IN ACCORDANCE WITH MRC G1N5 AS FOLLOWS: 1. CONDUCT HM AND E RA ASSESSMENT PROCEDURE FOR TANKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1. ENSURE TANKS ARE GAS FREE BEFORE ENTERING.

Task/Abbreviation: Q-12315-001-B-LO SETLG TK - GAS FREE			MJC: EXECQ022		Rev Date: 5/13/2008	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 3	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,100	ManDays: 20	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 1		
FLEET REQUIREMENTS NSTM CH-074 VOL 3 GC:500640,MA:2900						
Reason:	Problem Description:		Recommended Solution:			
BASELINE	(Q-12315-001)TANK REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.		OPEN, CLEAN, AND GAS FREE THE LUBE OIL SETTLING TANK IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.			

Task/Abbreviation: Q-12315-003-A-LO SETLG TK - RPR			MJC: EXECQBJ0		Rev Date: 2/20/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12315-003)TANK REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE LUBE OIL SETTLING TANK. TO INCLUDE: A. REPLACE _____ FEET DETERIORATED SOUNDING TUBES B. REPLACE _____ STRIKER PLATES C. CLAD WELD _____ SQUARE FEET OF WASTED PLATE D. VEE OUT AND REWELD _____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. E. CROP AND REPLACE _____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE TOGETHER WITH INTERNALS IN WAY OF F. REMOVE AND REINSTALL _____ TONS OF BALLAST. G. AIR TEST AFTER STRUCTURAL REPAIRS. H. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: ACCOMPLISH, IN TANK, TLI SYSTEM HARDWARE REPAIR WHENEVER AN ASSOCIATED TLI SYSTEM REPAIR TASK IS NOT ACCOMPLISHED CONCURRENTLY.

Task/Abbreviation: Q-12315-005-B-LO STOR TK - GAS FREE			MJC: EXECQ024		Rev Date: 5/13/2008	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,100	ManDays: 20	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 1		
FLEET REQUIREMENTS NSTM CH-074 VOL 3 GC:500655,MA:2900						
Reason:	Problem Description:		Recommended Solution:			
BASELINE	(Q-12315-005)TANK REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.		OPEN, CLEAN, AND GAS FREE THE LUBE OIL STORAGE TANK IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.			

Task/Abbreviation: Q-12315-007-A-LO STOR TK - RPR			MJC: EXECQBJ1		Rev Date: 2/20/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12315-007) TANK REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE LUBE OIL STORAGE TANK, TO INCLUDE: A. REPLACE _____ FEET DETERIORATED SOUNDING TUBES. B. REPLACE _____ STRIKER PLATES. C. CLAD WELD _____ SQUARE FEET OF WASTED PLATE. D. VEE OUT AND REWELD _____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. E. CROP AND REPLACE _____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE. F. REMOVE AND REINSTALL _____ TONS OF BALLAST. G. AIR TEST AFTER STRUCTURAL REPAIRS. H. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: ACCOMPLISH, IN TANK, TLI SYSTEM HARDWARE REPAIR WHENEVER AN ASSOCIATED TLI SYSTEM REPAIR TASK IS NOT ACCOMPLISHED CONCURRENTLY.

Task/Abbreviation: Q-12315-015- -LO SETLG TK (STRL) - RPR**MJC:** EXECJ053**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 3**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12315-015) TANK REQUIRES STRUCTURAL REPAIR

STRUCTURALLY REPAIR THE LUBE OIL SETTLING TANK(S). A. CROP OUT AND REPLACE ____ LNFT BUCKLED T-BAR. B. CLEAN AREAS OF PITTING DOWN TO GOOD SOLID BARE METAL. C. REPAIR ____ INCH HOLE IN THE TANK PLATING. D. UT INSPECT TO DETERMINE THE MINIMUM PLATE THICKNESS. E. CLAD WELD IF NECESSARY - CLAD WELD __ SQ INCHES OF WASTED/PITTED PLATE. F. REMOVE AND REPLACE ____ SQFT OF PLATING INCLUDING DECK, SHELL AND BULKHEADS. G. CROP OUT __ LINEAR FEET OF DAMAGED SHELL LONGL NUMBER ____ (SIZE T-BEAM) AND INSTALL NEW USING LIKE MATERIAL. H. VEE OUT AND REWELD __ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS.

Task/Abbreviation: Q-12315-017- -LO STOR TK (STRL) - RPR**MJC:** EXECJ055**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12315-017) TANK REQUIRES STRUCTURAL REPAIR

STRUCTURALLY REPAIR THE LUBE OIL STORAGE TANK(S). CROP OUT AND REPLACE ____ LNFT BUCKLED T-BAR. CLEAN AREAS OF PITTING DOWN TO GOOD SOLID BARE METAL. REPAIR ____ INCH HOLE IN THE TANK PLATING. UT INSPECT TO DETERMINE THE MINIMUM PLATE THICKNESS. CLAD WELD IF NECESSARY CLAD WELD ____ SQ INCHES OF WASTED/PITTED PLATE. REMOVE AND REPLACE ____ SQFT OF PLATING INCLUDING DECK, SHELL AND BULKHEADS. CROP OUT ____ LINEAR FEET OF DAMAGED SHELL LONGL NUMBER ____ (SIZE T-BEAM) AND INSTALL NEW USING LIKE MATERIAL. VEE OUT AND REWELD ____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS.

Task/Abbreviation: I-12315-021- -LO STOR TK - ASSESS MRC G1N5**MJC:** EXECIEN3**Rev Date:** 12/28/2007**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** TBD**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:**

BASELINE

Problem Description:

(I-12315-021)TANK REQUIRES ASSESSMENT IAW
CRITERIA OF THE CORROSION CONTROL
INFORMATION MANAGEMENT SYSTEM (CCIMS)
T-9630-AB-MMD-010

Recommended Solution:

ACCOMPLISH THE LUBE OIL STORAGE TANK ASSESSMENT IN
ACCORDANCE WITH MRC G1N5 AS FOLLOWS: 1. CONDUCT
ASSESSMENT PROCEDURE FOR TANKS. REPORT CONDITIONS
FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1.
ENSURE TANKS ARE GAS FREE BEFORE ENTERING.

Task/Abbreviation: I-12315-022- -LO SETLG TK - ASSESS MRC G1N5			MJC: EXECIFA2		Rev Date: 5/21/2008
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-12315-022)TANK REQUIRES ASSESSMENT IAW CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010	ACCOMPLISH THE LUBE OIL SETTLING TANK ASSESSMENT IN ACCORDANCE WITH MRC G1N5 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR TANKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1. ENSURE TANKS ARE GAS FREE BEFORE ENTERING.

Task/Abbreviation: I-12315-024- -LO STOR TK - DGTL IMAG ASSESS				MJC: EXECIH52		Rev Date: 2/20/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-12315-024)LUBE OIL STORAGE TANK REQUIRES ASSESSMENT.				ACCOMPLISH ASSESSMENT OF THE LUBE OIL STORAGE TANK UTILIZING DIGITAL IMAGING TECHNOLOGY.					

Task/Abbreviation: I-12315-025- -LO SETLG TK - DGTL IMAG ASSESS				MJC: EXECIH53		Rev Date: 2/20/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-12315-025)LUBE OIL SETTLING TANK REQUIRES ASSESSMENT.				ACCOMPLISH ASSESSMENT OF THE LUBE OIL SETTLING TANK UTILIZING DIGITAL IMAGING TECHNOLOGY.					

Task/Abbreviation: Q-12316-001-A-BLST TK - GAS FREE			MJC: EXECQ067		Rev Date: 9/18/2008
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 35	Removal Required:	
Lvl of Maint: 1	Freq: 72	Equip/Task: 1	Matl Cost: 2,100	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12316-001)TANK REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	OPEN, CLEAN, AND GAS FREE THE BALLAST TANK IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.

Task/Abbreviation: I-12316-002-A-BLST TK - ASSESS MRC G1N5

MJC: EXECM028

Rev Date: 9/18/2008

RCM Analysis: Scheduled: Y Sit Reqs:

Qty: 35

Removal Required:

Lvl of Maint: 3 Freq: 72 Equip/Task: 1 Matl Cost: ManDays: 1 Alt No:

Referenced Authority: Repair Pool: MCC: 1

RCM CERTIFIED REQUIREMENT CCAMM REV 2 GC:500672,MA:G1N5

Reason: BASELINE
Problem Description: (I-12316-002)TANK REQUIRES ASSESSMENT IAW CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010

Recommended Solution:
 ACCOMPLISH THE BALLAST TANK ASSESSMENT IN ACCORDANCE WITH MRC G1N5 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR TANKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1. ENSURE TANKS ARE GAS FREE BEFORE ENTERING.

Reason: JRMC ONLY
Problem Description: (I-12316-002)TANK REQUIRES ASSESSMENT IAW NSTM REQUIREMENT AND CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010

Recommended Solution:
 REQUEST SRF CLEAN AND GAS FREE THE BALLAST TANK. IAW NSTM REQUIREMENT AND CRITERIA OF CCIMS T-9630-AB-MMD-010: INSPECT THE BALLAST TANK TO INCLUDE ALL INTERNAL TANK SURFACES, ALL SUPPORTING STRUCTURES AND BRACING; ALL FITTINGS AND PENETRATIONS, FROM TANK UP TO AND INCLUDING FIRST FLANGE FOR FILL, TRANSFER, DRAIN, AND VENT; FITTINGS FOR LOCAL AND REMOTE LEVEL MONITORS AND ACCESS MANHOLES AND ASSOCIATED HARDWARE. REPORT CONDITIONS FOUND TO THE NSA TO INCLUDE THE FOLLOWING: COATING SYSTEM; LADDERS AND ASSOCIATED HARDWARE; PIPING TRANSVERSING TANKS AND ATCHD BRACKETS; SOUNDING TUBES AND ATCHD BRACKETS; TANK OVERFLOWS AND ATCHD BRACKETS; TANK VENTS AND ATCHD BRACKETS; TERMINATING PIPING WITHIN TANK AND ATCHD BRACKETS; AND ANODES. NOTES: 1. ENSURE TANK IS GAS FREE BEFORE ENTERING. 2. ACCOMPLISH TLI SYSTEM HARDWARE INSPECTION WHEN A TLI SYSTEM INSPECT TASK IS NOT ACCOMPLISHED CONCURRENTLY. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-12316-003-A-BLST TK - RPR**MJC:** EXECQ025**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 35**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12316-003)TANK REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE BALLAST TANK. A. REPAIR _____ SQUARE FEET OF COATING SYSTEM USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. B. REPLACE _____ FEET DETERIORATED SOUNDING TUBES. C. REPLACE _____ STRIKER PLATES. D. CLAD WELD _____ SQUARE FEET OF WASTED PLATE. E. VEE OUT AND REWELD _____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. F. CROP AND REPLACE _____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE. G. REMOVE AND REINSTALL _____ TONS OF BALLAST. H. AIR TEST AFTER STRUCTURAL REPAIRS. I. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: ACCOMPLISH, IN TANK, TLI SYSTEM HARDWARE REPAIR WHENEVER AN ASSOCIATED TLI SYSTEM REPAIR TASK IS NOT ACCOMPLISHED CONCURRENTLY.

Task/Abbreviation: Q-12316-012- -BLST TANK (ENTIRE)- PSV			MJC: EXECJ059		Rev Date: 5/11/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12316-012)TANK REQUIRES PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE THE ENTIRE BALLAST TANK INTERNALS, INCLUDING UNDERSIDE OF THE MANHOLE COVERS, IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-32.

Task/Abbreviation: Q-12316-013- -BLST TANK (PIPING)- PSV			MJC: EXECJ060		Rev Date: 5/11/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12316-013)PIPING REQUIRES CLEANING AND PRESERVATION	CLEAN AND PRESERVE THE PIPING OF THE BALLAST TANK. CLEAN AND PRESERVE ____ LINEAR FEET OF ____ INCH OD PIPES. CLEAN THE PEELING AND FLAKING FLANGES AND PRESERVE .

Task/Abbreviation: Q-12316-014- -BLST TANK (STRUCTURAL) -REPAIR			MJC: EXECJ061		Rev Date: 2/20/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12316-014)BALLAST TANK REQUIRES STRUCTURAL REPAIR	ACCOMPLISH STRUCTURAL REPAIR TO THE BALLAST TANK, TO INCLUDE: A. CROP OUT AND REPLACE ____ LINEAR FEET OF BUCKLED T-BAR. B. CLEAN AREAS OF PITTING DOWN TO GOOD SOLID BARE METAL. C. REPAIR ____ INCH HOLE IN THE TANK PLATING. D. UT INSPECT TO DETERMINE THE MINIMUM PLATE THICKNESS. E. CLAD WELD __ SQUARE INCHES OF WASTED/PITTED PLATE. F. REMOVE AND REPLACE ____ SQUARE FEET OF PLATING INCLUDING DECK, SHELL, AND BULKHEADS. G. CROP OUT __ LINEAR FEET OF DAMAGED SHELL LONGL NUMBER ____ (SIZE T-BEAM) AND INSTALL NEW USING LIKE MATERIAL. H. VEE OUT AND REWELD ____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. PRIME AND PAINT REPAIRED AREAS.

Task/Abbreviation: Q-12316-016- -BLST TANK TOUCH UP - PSV			MJC: EXECJ063		Rev Date: 5/11/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12316-016)TANK REQUIRES CLEANING AND TOUCH UP PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE (TOUCH UP) BALLAST TANK. REMOVE _____ SQUARE FEET OF SURFACE RUST, BLISTERING, AND COATING FAILURE TO BARE METAL. PRIME AND PAINT.

Task/Abbreviation: I-12316-018- -BLST TK - DGTL IMAG ASSESS			MJC: EXECQCP9		Rev Date: 2/20/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(I-12316-018)BALLAST TANK REQUIRES ASSESSMENT.	ACCOMPLISH ASSESSMENT OF THE BALLAST TANK UTILIZING DIGITAL IMAGING TECHNOLOGY.			

Task/Abbreviation: Q-12317-001-B-CONTAM OIL/WTR TK - GAS FREE			MJC: EXECQ029		Rev Date: 8/31/2011
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 14	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,100	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		
FLEET REQUIREMENTS NSTM CH-074 VOL 3 GC:700594,MA:2900					
Reason:	Problem Description:		Recommended Solution:		
BASELINE	(Q-12317-001)TANK REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.		OPEN, CLEAN, AND GAS FREE THE CONTAMINATED OIL/WATER TANK IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.		

Task/Abbreviation: Q-12317-003-A-CONTAM OIL/WTR TK - RPR**MJC:** EXECQ026**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12317-003)CONTAMINATED OIL/WATER TANK
REQUIRES REPAIRSACCOMPLISH THE FOLLOWING REPAIRS TO THE CONTAMINATED
OIL/WATER TANK. TO INCLUDE A. REPLACE _____ FEET
DETERIORATED SOUNDING TUBES. B. REPLACE _____ STRIKER
PLATES. C. CLAD WELD _____ SQUARE FEET OF WASTED PLATE.
D. VEE OUT AND REWELD _____ LINEAR FEET OF WASTED AND/OR
CRACKED SEAMS AND BUTTS. E. CROP AND REPLACE _____
SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE. F.
REMOVE AND REINSTALL _____ TONS OF BALLAST. G. AIR TEST
AFTER STRUCTURAL REPAIRS. H. PROVIDE _____ MANDAYS AND _____
DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT
PREVIOUSLY IDENTIFIED. NOTE: ACCOMPLISH, IN TANK, TLI SYSTEM
HARDWARE REPAIR WHENEVER THE ASSOCIATED TLI SYSTEM
REPAIR TASK IS NOT ACCOMPLISHED CONCURRENTLY.

Task/Abbreviation: Q-12317-019- -CONTAM OIL/WTR TANK ENTIRE PSV			MJC: EXECJ064		Rev Date: 5/11/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 13	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12317-019)TANK REQUIRES PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE THE ENTIRE CONTAMINATED OIL/WATER TANK INTERNALS, INCLUDING UNDERSIDE OF THE MANHOLE COVERS, IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-32.

Task/Abbreviation: Q-12317-020- -CONTAM OIL/WTR TANK PIPING PSV			MJC: EXECJ065		Rev Date: 5/11/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 13	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 333	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12317-020)CONTAMINATED OIL/WATER TANK PIPING REQUIRES WORK.	CLEAN AND PRESERVE THE PIPING OF THE CONTAMINATED OIL/WATER TANK. CLEAN AND PRESERVE ____ LINEAR FEET OF ____ INCH OD PIPES. CLEAN THE PEELING AND FLAKING FLANGES AND PRESERVE.

Task/Abbreviation: Q-12317-021- -CONTAM OIL/WTR TANK STRL RPR**MJC:** EXECJ066**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 13**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12317-021)CONTAMINATED OIL/WATER TANK
REQUIRES REPAIR.ACCOMPLISH STRUCTURAL REPAIR TO THE CONTAMINATED
OIL/WATER TANK: A. CROP OUT AND REPLACE ____ LINEAR FEET
OF BUCKLED T-BAR. B. CLEAN AREAS OF PITTING DOWN TO GOOD
SOLID BARE METAL. REPAIR ____ INCH HOLE IN THE TANK PLATING.
C. UT INSPECT TO DETERMINE THE MINIMUM PLATE THICKNESS. D.
CLAD WELD __ SQUARE INCHES OF WASTED/PITTED PLATE. E.
REMOVE AND REPLACE ____ SQUARE FEET OF PLATING INCLUDING
DECK, SHELL, AND BULKHEADS. F. CROP OUT __ LINEAR FEET OF
DAMAGED SHELL LONGL NUMBER _____ (SIZE T-BEAM) AND
INSTALL NEW USING LIKE MATERIAL. G. VEE OUT AND REWELD ____
LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. ____
PRIME AND PAINT REPAIRED AREAS.

Task/Abbreviation: Q-12317-023- -CONTAM OIL/WTR TANK TCH UP PSV			MJC: EXECJ068		Rev Date: 5/11/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 13	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 333	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12317-023)CONTAMINATED OIL/WATER TANK REQUIRES CLEANING AND TOUCH UP PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE (TOUCH UP) THE CONTAMINATED OIL/WATER TANK. REMOVE ____ SQUARE FEET OF SURFACE RUST, BLISTERING, AND COATING FAILURE TO BARE METAL. PRIME AND PAINT.

Task/Abbreviation: I-12317-039- -CONTAM TK-ASSESS MRC G1N5**MJC:** EXECIEN5**Rev Date:** 8/25/2011**RCM Analysis:** 7/12/2004**Scheduled:** Y**Sit Reqs:****Qty:** 16**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:**

BASELINE

Problem Description:

(I-12317-039) TANK REQUIRES ASSESSMENT IAW
NSTM REQUIREMENT AND CRITERIA OF THE
CORROSION CONTROL INFORMATION
MANAGEMENT SYSTEM (CCIMS)
T-9630-AB-MMD-010

Recommended Solution:

ACCOMPLISH THE CONTAMINATED OIL/WATER TANK ASSESSMENT
IN ACCORDANCE WITH MRC G1N5 AS FOLLOWS: CONDUCT
ASSESSMENT PROCEDURE FOR TANKS. REPORT CONDITIONS
FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1.
ENSURE TANKS ARE GAS FREE BEFORE ENTERING.

Task/Abbreviation: I-12317-043- -CONTAM TK - DGTL IMG ASSESS				MJC: EXT YA910		Rev Date: 2/20/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 16		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-12317-043)CONTAMINATED OIL/WATER TANK REQUIRES ASSESSMENT.				ACCOMPLISH ASSESSMENT OF THE CONTAMINATED OIL/WATER TANK UTILIZING DIGITAL IMAGING TECHNOLOGY.					

Task/Abbreviation: I-12317-048- -JP5 CONTAM TK- ASSESS MRC G1N5**MJC:** EXECIIE8**Rev Date:** 12/2/2008**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 3**Freq:** 36**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1

RCM CERTIFIED REQUIREMENT CCAMM REV 2 GC:700595,MA:G1N5

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-12317-048) TANK REQUIRES ASSESSMENT IAW NSTM REQUIREMENT AND CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS)
T-9630-AB-MMD-010

ACCOMPLISH THE JP5 CONTAMINATED/DRAIN TANK ASSESSMENT IN ACCORDANCE WITH MRC G1N5 AS FOLLOWS: CONDUCT ASSESSMENT PROCEDURE FOR TANKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1. ENSURE TANKS ARE GAS FREE BEFORE ENTERING.

Reason:**Problem Description:****Recommended Solution:**

JRMCM ONLY

(I-12317-048) TANK REQUIRES ASSESSMENT IAW NSTM REQUIREMENT AND CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS)
T-9630-AB-MMD-010

REQUEST SRF CLEAN AND GAS FREE THE CONTAMINATED/DRAIN TANK. ACCOMPLISH A VISUAL INSPECTION OF THE JP5 CONTAMINATED/DRAIN TANK AND ALL INTERNAL TANK SURFACES, INCLUDING A. COATING SYSTEM. B. TANK VENTS/OVERFLOWS. C. SOUNDING TUBES. D. PIPING E. PIPING HANGERS/LINERS. F. LADDERS. G. ACCESS MANHOLE COVERS. H. IMPRESSED CURRENT SYSTEM REFERENCE ELECTRODE ENCLOSURE. I. TLI SYSTEM, CABLES/HARDWARE. J. OPERATION TEST OF TLI SYSTEM. REPORT CONDITIONS FOUND TO MAINT TEAM VIA CONDITION REPORT. A SEPARATE JSN WILL BE SCREENED TO ACCOMPLISH TOUCH UP PAINTING AND REPAIRS BASED ON THE CONDITION REPORT PROVIDED BY THIS JOB.

Task/Abbreviation: Q-12317-050- -JP5 CONTAM TK - GAS FREE			MJC: EXTAA13		Rev Date: 12/2/2008	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty: 0	Removal Required:
Lvl of Maint: 3	Freq: 36	Equip/Task: 1	Matl Cost: 2,100	ManDays: 19	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 1		
FLEET REQUIREMENTS NSTM CH-074 VOL 3 GC:700595,MA:2900						
Reason:	Problem Description:		Recommended Solution:			
BASELINE	(Q-12317-050)TANK REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IAW NSTM REQUIREMENT AND CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010		OPEN, CLEAN, AND GAS FREE THE JP5 CONTAMINATED/DRAIN TANK IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.			

Task/Abbreviation: Q-12319-001-B-WASTE TANK - GAS FREE			MJC: EXECQ033		Rev Date: 12/2/2008
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 72	Equip/Task: 1	Matl Cost: 2,100	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
FLEET REQUIREMENTS NSTM CH-074 VOL 3 GC:500740,MA:2900					
Reason:	Problem Description:		Recommended Solution:		
BASELINE	(Q-12319-001)TANK REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.		OPEN, CLEAN, AND GAS FREE THE WASTE TANK IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.		

Task/Abbreviation: Q-12319-003-A-WASTE TANK - RPR			MJC: EXECQBJ2		Rev Date: 8/27/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12319-003)TANK REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE WASTE TANK. TO INCLUDE: A. REPLACE _____ FEET DETERIORATED SOUNDING TUBES. B. REPLACE _____ STRIKER PLATES. C. CLAD WELD _____ SQUARE FEET OF WASTED PLATE. D. VEE OUT AND REWELD _____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. E. CROP AND REPLACE _____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE. F. REMOVE AND REINSTALL _____ TONS OF BALLAST. G. AIR TEST AFTER STRUCTURAL REPAIRS. H. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: ACCOMPLISH, IN TANK, TLI SYSTEM HARDWARE REPAIR WHENEVER THE ASSOCIATED TLI SYSTEM REPAIR IS NOT ACCOMPLISHED CONCURRENTLY.

Task/Abbreviation: Q-12319-005- -WASTE TANK - ENTIRE PSV			MJC: EXECJ086		Rev Date: 8/27/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12319-005)TANK REQUIRES PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE THE ENTIRE WASTE TANK INTERNALS, INCLUDING UNDERSIDE OF THE MANHOLE COVERS, IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-32.

Task/Abbreviation: Q-12319-006- -WASTE TANK - PIPING PSV			MJC: EXECJ087		Rev Date: 8/27/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12319-006)PIPING REQUIRES CLEANING AND PRESERVATION	CLEAN AND PRESERVE THE PIPING OF THE WASTE TANK. CLEAN AND PRESERVE ____ LINEAR FEET OF ____ INCH OD PIPES. CLEAN THE PEELING AND FLAKING FLANGES AND PRESERVE.

Task/Abbreviation: Q-12319-007- -WASTE TANK - STRL RPR**MJC:** EXECJ088**Rev Date:** 8/27/2007**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,250**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12319-007)WASTE TANK REQUIRES
STRUCTURAL REPAIRACCOMPLISH STRUCTURAL REPAIR TO THE WASTE TANK. CROP
OUT AND REPLACE ____ LINEAR FEET OF BUCKLED T-BAR. CLEAN
AREAS OF PITTING DOWN TO GOOD SOLID BARE METAL. REPAIR ____
INCH HOLE IN THE TANK PLATING. UT INSPECT TO DETERMINE THE
MINIMUM PLATE THICKNESS. CLAD WELD __ SQUARE INCHES OF
WASTED/PITTED PLATE. REMOVE AND REPLACE __ SQUARE FEET
OF PLATING INCLUDING DECK, SHELL, AND BULKHEADS. CROP OUT
__ LINEAR FEET OF DAMAGED SHELL LONGL NUMBER ____
(SIZE T-BEAM) AND INSTALL NEW USING LIKE MATERIAL. VEE OUT
AND REWELD ____ LINEAR FEET OF WASTED AND/OR CRACKED
SEAMS AND BUTTS.

Task/Abbreviation: Q-12319-009- -WASTE TANK - TOUCH UP PSV			MJC: EXECJ090		Rev Date: 9/14/2009
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 333	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12319-009)TANK REQUIRES CLEANING AND TOUCH UP PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE (TOUCH UP) THE WASTE TANK. REMOVE _____ SQUARE FEET OF SURFACE RUST, BLISTERING, AND COATING FAILURE DOWN TO BARE METAL. PRIME AND PAINT.

Task/Abbreviation: I-12319-010- -WASTE TANK - ASSESS MRC G1N5**MJC:** EXECIEN7**Rev Date:** 7/23/2009**RCM Analysis:** 7/12/2004**Scheduled:** Y**Sit Reqs:****Qty:** TBD**Removal Required:****Lvl of Maint:** 3**Freq:** 72**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2

RCM CERTIFIED REQUIREMENT CCAMM REV 2 GC:500740,MA:G1N5

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-12319-010)TANK REQUIRES ASSESSMENT IAW CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010

ACCOMPLISH THE WASTE TANK ASSESSMENT IN ACCORDANCE WITH MRC G1N5 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR TANKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1. ENSURE TANKS ARE GAS FREE BEFORE ENTERING.

Reason:**Problem Description:****Recommended Solution:**

JRMCM ONLY

(I-12319-010)TANK REQUIRES ASSESSMENT IAW CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010

REQUEST SRF CLEAN AND GAS FREE THE WASTE TANK. ACCOMPLISH A VISUAL INSPECTION OF THE WASTE TANK AND ALL INTERNAL TANK SURFACES, INCLUDING A. COATING SYSTEM. B. TANK VENTS/OVERFLOWS. C. SOUNDING TUBES. D. PIPING E. PIPING HANGERS/LINERS. F. LADDERS. G. ACCESS MANHOLE COVERS. H. IMPRESSED CURRENT SYSTEM REFERENCE ELECTRODE ENCLOSURE. I. TLI SYSTEM, CABLES/HARDWARE. J. OPERATION TEST OF TLI SYSTEM. REPORT CONDITIONS FOUND TO MAINT TEAM VIA CONDITION REPORT. A SEPARATE JSN WILL BE SCREENED TO ACCOMPLISH TOUCH UP PAINTING AND REPAIRS BASED ON THE CONDITION REPORT PROVIDED BY THIS JOB.

Task/Abbreviation: I-12319-011- -WASTE TANK - DGTL IMAG ASSESS			MJC: EXECIH37		Rev Date: 8/27/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:		Recommended Solution:		
BASELINE	(I-12319-011)WASTE TANK REQUIRES ASSESSMENT.		ACCOMPLISH ASSESSMENT OF THE WASTE TANK UTILIZING DIGITAL IMAGING TECHNOLOGY.		

Task/Abbreviation: Q-12319-012- -CHT TANK - GAS FREE			MJC: MXECQ002		Rev Date: 9/18/2008	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty: 3	Removal Required: NO
Lvl of Maint: 1	Freq: 48	Equip/Task: 1	Matl Cost: 27,000	ManDays: 50	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12319-012)TANK REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	OPEN, CLEAN, AND GAS FREE THE CHT TANK IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.

Task/Abbreviation: I-12319-013- -CHT TANK - ASSESS MRC G1N5

MJC: EXECIH68

Rev Date: 9/18/2008

RCM Analysis: Scheduled: Y Sit Reqs:

Qty: 3

Removal Required: NO

Lvl of Maint: 3

Freq: 48

Equip/Task: 1

Matl Cost:

ManDays: 1

Alt No:

Referenced Authority:

Repair Pool:

MCC: 2

RCM CERTIFIED REQUIREMENT CCAMM REV 2 GC:500746,MA:G1N5

Reason:

Problem Description:

Recommended Solution:

BASELINE

(I-12319-013)TANK REQUIRES ASSESSMENT IAW
CRITERIA OF THE CORROSION CONTROL
INFORMATION MANAGEMENT SYSTEM (CCIMS)
T-9630-AB-MMD-010

ACCOMPLISH THE CHT TANK ASSESSMENT IN ACCORDANCE WITH
MRC G1N5 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE
FOR TANKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.
PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND
POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64)
IAW NAVSEAINST 4790.8B. NOTE 1. ENSURE TANKS ARE GAS FREE
BEFORE ENTERING.

Reason:

Problem Description:

Recommended Solution:

JRMIC ONLY

(I-12319-013)TANK REQUIRES ASSESSMENT IAW
NSTM REQUIREMENT AND CRITERIA OF THE
CORROSION CONTROL INFORMATION
MANAGEMENT SYSTEM (CCIMS)
T-9630-AB-MMD-010

REQUEST SRF CLEAN AND GAS FREE THE CHT TANK. IAW NSTM
REQUIREMENT AND CRITERIA OF THE CORROSION CONTROL
INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010:
INSPECT THE CHT TANK TO INCLUDE ALL INTERNAL TANK
SURFACES, ALL SUPPORTING STRUCTURES AND BRACING
ATTACHED THERETO; ALL FITTINGS AND PENETRATIONS, FROM
TANK UP TO AND INCLUDING FIRST FLANGE FOR FILL, TRANSFER,
DRAIN, AND VENT; FITTINGS FOR LOCAL AND REMOTE LEVEL
MONITORS AND ACCESS MANHOLES AND ASSOCIATED HARDWARE.
REPORT CONDITIONS FOUND TO THE NSA TO INCLUDE THE
FOLLOWING, AS APPLICABLE: A. COATING SYSTEM B. LADDERS AND
ASSOCIATED HARDWARE C. PIPING TRANSVERSING TANKS AND
ATTACHED BRACKETS D. SOUNDING TUBES AND ATTACHED
BRACKETS E. TANK OVERFLOWS AND ATTACHED BRACKETS F.
TANK VENTS AND ATTACHED BRACKETS G. TERMINATING PIPING
WITHIN TANK AND ATTACHED BRACKETS. NOTE: 1. ENSURE TANKS
ARE GAS FREE BEFORE ENTERING. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-12319-014- -CHT TANK - DGTL IMAG ASSESS				MJC: EXECIH69		Rev Date: 2/20/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-12319-014)CHT TANK REQUIRES ASSESSMENT.				ACCOMPLISH ASSESSMENT OF THE CHT TANK UTILIZING DIGITAL IMAGING TECHNOLOGY.					

Task/Abbreviation: Q-12319-015- -CHT TANK - RPR**MJC:** EXECQCT5**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:****Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 2,500**ManDays:** 50**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12319-015)THE CHT TANK REQUIRES REPAIR AND PRESERVATION.

ACCOMPLISH THE FOLLOWING REPAIRS TO THE CHT TANK. ON COMPLETION OF REPAIRS, CLEAN, FLUSH, CHLORINATE AND PROVIDE CULTURE RESULTS. TO INCLUDE: A. REPAIR ____ SQUARE FEET OF COATING SYSTEM USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. B. REPLACE ____ FEET DETERIORATED SOUNDING TUBES C. REPLACE ____ STRIKER PLATES D. CLAD WELD ____ SQUARE FEET OF WASTED PLATE E. VEE OUT AND REWELD ____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. F. CROP AND REPLACE ____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE TOGETHER WITH INTERNALS IN WAY OF G. REPLACE ____ DETERIORATED OR MISSING ANODES & HDW. H. PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. I. AIR TEST AFTER STRUCTURAL REPAIRS. J. INSTALL ANODES IN ACCORDANCE WITH GENERAL SPECIFICATIONS FOR OVERHAUL (GSO) SHOULD NONE BE PRESENT IN THE TANK. NOTE: 1. ACCOMPLISH, IN TANK, TLI SYSTEM HARDWARE INSPECTION WHENEVER AN ASSOCIATED TLI SYSTEM INSPECT TASK IS NOT ACCOMPLISHED CONCURRENTLY.

Task/Abbreviation: Q-12319-016- -CHT TANK - ENTIRE PSV			MJC: EXECQCT6		Rev Date: 5/11/2008
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 750	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12319-016)TANK REQUIRES PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE THE ENTIRE CHT TANK INTERNALS, INCLUDING UNDERSIDE OF THE MANHOLE COVERS, IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-32.

Task/Abbreviation: Q-12319-017- -CHT TANK - TOUCH UP PSV			MJC: EXECQCT7		Rev Date: 5/11/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 350	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12319-017)TANK REQUIRES CLEANING AND TOUCH UP PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE (TOUCH UP) THE CHT TANK. REMOVE _____ SQUARE FEET OF SURFACE RUST, BLISTERING, AND COATING FAILURE DOWN TO BARE METAL. PRIME AND PAINT

Task/Abbreviation: Q-12319-018- -CHT TANK - PIPING PSV				MJC: EXECQCT8		Rev Date: 5/11/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,000		ManDays: 25		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12319-018)CHT TANK PIPELINE REQUIRES PRESERVATION	CLEAN AND PRESERVE THE PIPING OF THE CHT TANK. CLEAN AND PRESERVE ____ LINEAR FEET OF ____ INCH OD PIPES. CLEAN THE PEELING AND FLAKING FLANGES AND PRESERVE.

Task/Abbreviation: Q-12319-019- -CHT TANK - STRL RPR			MJC: EXECQCT9		Rev Date: 2/20/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,250	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12319-019)CHT TANK REQUIRES STRUCTURAL REPAIRS	ACCOMPLISH STRUCTURAL REPAIR TO THE CHT TANK. CROP OUT AND REPLACE ____ LINEAR FEET OF BUCKLED T-BAR. CLEAN AREAS OF PITTING DOWN TO GOOD SOLID BARE METAL. REPAIR ____ INCH HOLE IN THE TANK PLATING. UT INSPECT TO DETERMINE THE MINIMUM PLATE THICKNESS. CLAD WELD __ SQUARE INCHES OF WASTED/PITTED PLATE. REMOVE AND REPLACE __ SQUARE FEET OF PLATING INCLUDING DECK, SHELL, AND BULKHEADS. CROP OUT __ LINEAR FEET OF DAMAGED SHELL LONGL NUMBER ____ (SIZE T-BEAM) AND INSTALL NEW USING LIKE MATERIAL. VEE OUT AND REWELD ____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS.

Task/Abbreviation: Q-12321-001-A-FLOODABLE VOID/COFF - GAS FREE				MJC: EXECQ068		Rev Date: 6/14/2007					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 26		Removal Required:			
Lvl of Maint: 1		Freq: 129		Equip/Task: 1		Matl Cost: 250		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			
NSTM CH 090R3, PARA. 1.4.3.1 NSTM CH-074 VOL 3 GC:500026,MA:2900											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-12321-001)FLOODABLE VOID/COFFERDAM REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.				OPEN, CLEAN, AND GAS FREE THE FLOODABLE VOID/COFFERDAM IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.					

Task/Abbreviation: I-12321-002-A-FLOODABLE VOID/COFF - MRC G1N5

MJC: EXECM036

Rev Date: 5/21/2008

RCM Analysis: 1/8/2007

Scheduled: Y

Sit Reqs:

Qty: 26

Removal Required:

Lvl of Maint: 3

Freq: 129

Equip/Task: 1

Matl Cost:

ManDays: 1

Alt No:

Referenced Authority:

Repair Pool:

MCC: 1

RCM CERTIFIED REQUIREMENT NSTM CH 090R3, PARA. 1.4.3.1 GC:500026,MA:G1N5

Reason:**Problem Description:****Recommended Solution:**

JRM C ONLY

(I-12321-002) THE FLOODABLE VOID/COFFERDAM INCLUDING SUPPORTING STRUCTURES, FITTINGS, PENETRATIONS, PIPING AND LADDERS REQUIRES INSPECTION.

REQUEST SRF CLEAN AND GAS FREE THE FLOODABLE VOID/COFFERDAM. ACCOMPLISH A VISUAL INSPECTION OF THE FLOODABLE VOID/COFFERDAM AND INCLUDE ALL INTERNAL SURFACES, ALL SUPPORTING STRUCTURES AND BRACING ATTACHED THERETO; ALL FITTINGS AND PENETRATIONS, FITTINGS FOR LOCAL AND REMOTE LEVEL MONITORS, ACCESS MANHOLES AND ASSOCIATED HARDWARE. ASSESS, AS APPLICABLE: A. COATING SYSTEM B. LADDERS AND ASSOCIATED HARDWARE C. PIPING TRANSVERSING VOID/COFFERDAM AND ATTACHED BRACKETS D. SOUNDING TUBES AND ATTACHED BRACKETS E. OVERFLOWS AND ATTACHED BRACKETS F. VENTS AND ATTACHED BRACKETS G. TERMINATING PIPING WITHIN VOID/COFFERDAM AND ATTACHED BRACKETS. H. ANODES. J. OPERATION TEST OF TLI SYSTEM. REPORT CONDITIONS FOUND TO MAINT TEAM VIA CONDITION REPORT. A SEPARATE JSN WILL BE SCREENED TO ACCOMPLISH TOUCH UP PAINTING AND REPAIRS BASED ON THE CONDITION REPORT PROVIDED BY THIS JOB.

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-12321-002)THE FLOODABLE VOID REQUIRES ASSESSMENT IN ACCORDANCE WITH CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.

ACCOMPLISH FLOODABLE VOID ASSESSMENT IN ACCORDANCE WITH MRC G1N5 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR VOIDS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1. ENSURE VOIDS ARE GAS FREE BEFORE ENTERING.

Task/Abbreviation: Q-12321-003-A-FLOODABLE VOID/COFF - RPR			MJC: EXECQ487		Rev Date: 2/20/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 26	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12321-003)VOID/COFFERDAM REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE FLOODABLE (ACCESSIBLE) VOID/COFFERDAM. TO INCLUDE: A. REPLACE _____ STRIKER PLATES. B. CLAD WELD _____ SQUARE FEET OF WASTED PLATE. C. VEE OUT AND REWELD _____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. D. CROP AND REPLACE _____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE. E. REMOVE AND REINSTALL _____ TONS OF BALLAST. F. AIR TEST AFTER STRUCTURAL REPAIRS. G. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED.

Task/Abbreviation: Q-12321-005- -NON-FLOODABLE VOIDS- GAS FREE **MJC:** EXECQ069 **Rev Date:** 6/14/2007

RCM Analysis: **Scheduled:** N **Sit Reqs:** **Qty:** 26 **Removal Required:**

Lvl of Maint: 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 250 **ManDays:** 10 **Alt No:**

Referenced Authority: **Repair Pool:** **MCC:** 3

FLEET REQUIREMENTS NSTM CH-074 VOL 3 GC:500025,MA:2900

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12321-005)NON-FLOODABLE VOID/COFFERDAM REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	OPEN, CLEAN, AND GAS FREE THE NON-FLOODABLE VOID/COFFERDAM IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.

Task/Abbreviation: Q-12321-007- -NON-FLOODABLE VOIDS - RPR**MJC:** EXECQAQ0**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** TBD**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,125**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12321-007)NON-FLOODABLE (INACCESSIBLE)
VOIDS REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE NON-FLOODABLE (INACCESSIBLE) VOID. TO INCLUDE: A. REPAIR ____ SQUARE FEET OF COATING SYSTEM, USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. B. REPLACE ____ STRIKER PLATES. C. CLAD WELD ____ SQUARE FEET OF WASTED PLATE. D. VEE OUT AND REWELD ____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. E. CROP AND REPLACE ____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE. F. REMOVE AND REINSTALL ____ TONS OF BALLAST. G. AIR TEST AFTER STRUCTURAL REPAIRS. H. REPLACE DESSICANTS. I. PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED.

Task/Abbreviation: Q-12321-008- -FLOODABLE VOID - STRL RPR**MJC:** EXECJ006**Rev Date:** 2/20/2009**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 26**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,875**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12321-008)VOID/COFFERDAM REQUIRES
STRUCTURAL REPAIR

STRUCTURALLY REPAIR FLOODABLE VOID/COFFERDAM. CROP OUT AND REPLACE ____ LNFT BUCKLED T-BAR. CLEAN AREAS OF PITTING DOWN TO GOOD SOLID BARE METAL. REPAIR ____ INCH HOLE IN THE TANK PLATING. UT INSPECT TO DETERMINE THE MINIMUM PLATE THICKNESS. CLAD WELD IF NECESSARY CLAD WELD ____ SQ INCHES OF WASTED/PITTED PLATE. REMOVE AND REPLACE ____ SQFT OF PLATING INCLUDING DECK, SHELL AND BULKHEADS. CROP OUT ____ LINEAR FEET OF DAMAGED SHELL LONGL NUMBER ____ (SIZE T-BEAM) AND INSTALL NEW USING LIKE MATERIAL. VEE OUT AND REWELD ____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. REMOVED DETERIORATED LADDER AND REPLACED WITH A NEW ____ LADDER AND ALL NEW MOUNTING BRACKETS. PRESERVE THE SEATING SURFACES OF THE COVER AND MANHOLE RING. REPLACE VOID COVER. NOTE: REPLACEMENT OF VOID COVER GASKETS AND FASTENERS ARE COVERED IN SWT 992-31. REPLACE ____ DESSICANT CANISTERS.

Task/Abbreviation: I-12321-009- -NON-FLOODABLE VOID - MRC G1N5**MJC:** EXECIEN8**Rev Date:** 6/14/2007**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** TBD**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:**

BASELINE

Problem Description:

(I-12321-009)THE NON-FLOODABLE VOID REQUIRES ASSESSMENT IN ACCORDANCE WITH CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.

Recommended Solution:

ACCOMPLISH NON-FLOODABLE VOID ASSESSMENT IN ACCORDANCE WITH MRC G1N5 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR VOIDS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1. ENSURE VOIDS ARE GAS FREE BEFORE ENTERING.

Task/Abbreviation: Q-12321-010- -FLOODABLE VD/COFF - ENTIRE PSV				MJC: EXECIH32		Rev Date: 8/3/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 26		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,750		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12321-010)FLOODABLE VOID/COFFERDAM REQUIRES PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE THE ENTIRE FLOODABLE VOID/COFFERDAM INTERNALS, INCLUDING UNDERSIDE OF THE MANHOLE COVERS, IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-32.

Task/Abbreviation: Q-12321-011- -FLOODABLE VOID - TCH UP PSV			MJC: EXECIH33		Rev Date: 8/3/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 26	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 750	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12321-011)FLOODABLE VOID/COFFERDAM REQUIRES CLEANING AND TOUCH UP PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE (TOUCH UP) FLOODABLE VOID/COFFERDAM. CLEAN AND PRESERVE ____ SQ FT OF SURFACE RUST, BLISTERING AND COATING FAILURE TO BARE METAL, PRIME AND PAINT.

Task/Abbreviation: I-12321-012- -FLOODABLE VD- DGTl IMAG ASSESS				MJC: EXECIH38		Rev Date: 2/20/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 26		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-12321-012)FLOODABLE VOID REQUIRES ASSESSMENT.				ACCOMPLISH ASSESSMENT OF THE FLOODABLE VOID UTILIZING DIGITAL IMAGING TECHNOLOGY.					

Task/Abbreviation: Q-12321-013- -FLOODABLE VOID - DSCC REPL			MJC: EXECIH51		Rev Date: 8/3/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 26	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-12321-013)FLOODABLE VOID DESICCANTS REQUIRES REPLACEMENT.	REPLACE DESICCANTS IN FLOODABLE VOID.			

Task/Abbreviation: I-12321-014- -AHR CHAIN LKR (DD) -DGTL IMAG				MJC: OXECI055		Rev Date: 2/20/2009					
RCM Analysis:		Scheduled: Y		Sit Reqs: D/D		Qty: 2		Removal Required:			
Lvl of Maint: 3		Freq: 129		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-12321-014)THE ANCHOR CHAIN LOCKER REQUIRES ASSESSMENT.				ACCOMPLISH ASSESSMENT OF THE ANCHOR CHAIN LOCKER UTILIZING DIGITAL IMAGING TECHNOLOGY.					

Task/Abbreviation: I-12321-015- -AHR CHAIN LKR/SUMP - MRC G1N5			MJC: OXECI057		Rev Date: 3/18/2010
RCM Analysis: 1/8/2007	Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-12321-015)THE ANCHOR CHAIN LOCKER/SUMP VOID REQUIRES ASSESSMENT IN ACCORDANCE WITH CRITERIA OF THE CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	ACCOMPLISH ANCHOR CHAIN LOCKER/SUMP VOID ASSESSMENT IN ACCORDANCE WITH MRC G1N5 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR VOIDS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1. ENSURE VOIDS ARE GAS FREE BEFORE ENTERING.

Task/Abbreviation: Q-12321-016- -AHR CHAIN LKR/SUMP - RPR**MJC:** OXECQ033**Rev Date:** 2/20/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 6,750**ManDays:** 150**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12321-016)ANCHOR CHAIN LOCKER/SUMP
REQUIRES REPAIR AND PRESERVATIONACCOMPLISH THE FOLLOWING REPAIRS TO EACH CHAIN
LOCKER/SUMP, TO INCLUDE: A. REMOVE ____ SQUARE FEET OF
(WELDED) SHEATHING. B. CLAD WELD ____ SQUARE INCHES OF
DETERIORATED PLATE. C. VEE OUT AND WELD ____ LINEAR FEET
OF DETERIORATED AND DAMAGED WELDS. D. REPLACE ____
SQUARE FEET OF DETERIORATED PLATING, INCLUDING FRAMING.
E. REPLACE ____ SQUARE FEET OF GRATING PANELS INCLUDING
HARDWARE. F. REPLACE ____ SQUARE FEET OF SHEATHING.
NOTE: 1. UTILIZE SWT 631-12 FOR GUIDANCE IN DEVELOPING THIS
ITEM. 2. REPAIRS ARE TO BE DETERMINED BY ASSESSMENT TASK
I-12321-15. DDG-51 CLASS SHIPS DO NOT HAVE PORTABLE METAL
OR WOOD SHEATHING.

Task/Abbreviation: Q-12321-017- -AHR CHAIN LKR/SUMP- ENTIRE PSV			MJC: OXECQ036		Rev Date: 8/7/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 6,750	ManDays: 150	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12321-017)ANCHOR CHAIN LOCKER/SUMP REQUIRES PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE THE ENTIRE ANCHOR CHAIN LOCKER/SUMP INTERNALS, INCLUDING UNDERSIDE OF THE MANHOLE COVERS, IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-32.

Task/Abbreviation: Q-12321-018- -AHR CHAIN LKR/SUMP- TCH UP PSV				MJC: OXECQ037		Rev Date: 8/7/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 6,750		ManDays: 150		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12321-018)ANCHOR CHAIN LOCKER/SUMP REQUIRES CLEANING AND TOUCH UP PRESERVATION IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	CLEAN AND PRESERVE (TOUCH UP) ANCHOR CHAIN LOCKER/SUMP. CLEAN AND PRESERVE ____ SQ FT OF SURFACE RUST, BLISTERING AND COATING FAILURE TO BARE METAL, PRIME AND PAINT.

Task/Abbreviation: Q-12321-021- -AHR CHAIN LKR - GAS FREE			MJC: OXECI062		Rev Date: 4/24/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 129	Equip/Task: 1	Matl Cost: 250	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-12321-021) ANCHOR CHAIN LOCKER VOID REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	OPEN, CLEAN, AND GAS FREE THE ANCHOR CHAIN LOCKER VOID IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.

Task/Abbreviation: Q-12321-A01- -AHR CHAIN LKR - GAS FREE			MJC: OXECQ038		Rev Date: 7/19/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 129	Equip/Task: 1	Matl Cost: 250	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-12321-021) ANCHOR CHAIN LOCKER VOID REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	OPEN, CLEAN, AND GAS FREE THE ANCHOR CHAIN LOCKER VOID IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.

Task/Abbreviation: Q-12322-007- -TRUNKS - GAS FREE			MJC: EXECQBF3		Rev Date: 2/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 250	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12322-007)TRUNK REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT IN ACCORDANCE WITH CRITERIA OF NAVSEA TECHNICAL PUBLICATION CORROSION CONTROL INFORMATION MANAGEMENT SYSTEM (CCIMS) T-9630-AB-MMD-010.	OPEN, CLEAN, AND GAS FREE THE TRUNK IN SUPPORT OF ASSESSMENT BY GOVERNMENT ASSESSMENT TEAM. CERTIFY AND MAINTAIN ATMOSPHERE SAFE FOR WORKERS. COORDINATE THIS TASK WITH ALL OTHER SPACES OPENED DURING THE AVAILABILITY.

Task/Abbreviation: Q-12322-009- -TRUNKS - RPR				MJC: EXECQBF4		Rev Date: 2/20/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 500		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-12322-009)TRUNK REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO TRUNK. TO INCLUDE: A. REPAIR _____ SQUARE FEET OF COATING SYSTEM, USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. B. CLAD WELD _____ SQUARE FEET OF WASTED PLATE C. VEE OUT AND REWELD _____ LINEAR FEET OF WASTED AND/OR CRACKED SEAMS AND BUTTS. D. CROP AND REPLACE _____ SQUARE FEET OF DETERIORATED AND/OR BUCKLED PLATE TOGETHER WITH INTERNALS IN WAY OF D. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. D. AIR TEST AFTER STRUCTURAL REPAIRS.

Task/Abbreviation: I-12322-010- -TRUNK/ENCL - MRC G1N6**MJC:** EXECIEN9**Rev Date:** 6/6/2008**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** TBD**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 8**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-12322-010)THE TRUNK AND ENCLOSURE
REQUIRES ASSESSMENT.ACCOMPLISH THE TRUNK AND ENCLOSURE ASSESSMENT IN
ACCORDANCE WITH MRC G1N6 AS FOLLOWS: 1. CONDUCT
ASSESSMENT PROCEDURE FOR TRUNKS AND ENCLOSURES.
REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: I-13011-014- -FLT/HELICOPTER DK - MRC G1N6			MJC: EXECIFA9		Rev Date: 7/30/2007					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 8	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-13011-014)THE FLIGHT AND HELICOPTER DECK REQUIRES ASSESSMENT.	ACCOMPLISH THE FLIGHT AND HELICOPTER DECK ASSESSMENT IN ACCORDANCE WITH MRC G1N6 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR FLIGHT AND HELICOPTER DECKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-13011-015- -DECKS - MRC G1N6**MJC:** EXECIG64**Rev Date:** 7/30/2007**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** TBD**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 8**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-13011-015)THE DECK REQUIRES ASSESSMENT.

ACCOMPLISH DECK ASSESSMENT IN ACCORDANCE WITH MRC G1N6 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR DECKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-13011-019- -DECKS - RPR/REPL**MJC:** EXECQE86**Rev Date:** 3/30/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** TBD**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 0**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-13011-019)THE DECK REQUIRES
REPAIR/REPLACEMENT.ACCOMPLISH THE REPAIR/REPLACEMENT OF THE DECK PER THE
CONDITION ASSESSMENT RECOMMENDATIONS (AS APPLICABLE):
A. CROP AND RENEW _____ SQ. FT. OF THE DECK WITH NEW PLATE.
B. REPAIR _____ SQ. FT. OF COATING SYSTEM USING NAVSEA
STANDARD ITEM 009-32 FOR GUIDANCE. C. REPAIR/REPLACE _____
LINEAR FT. OF COAMING.

Task/Abbreviation: I-15011-024- -SUPERSTR/FTGS - MRC G1N6			MJC: EXECIF95		Rev Date: 11/16/2007
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-15011-024)THE SUPERSTRUCTURE AND FITTINGS REQUIRES ASSESSMENT.	ACCOMPLISH THE SUPERSTRUCTURE ASSESSMENT IN ACCORDANCE WITH MRC G1N6 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR SUPERSTRUCTURE AND FITTINGS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-15011-031- -SUPERSTRUCTURE DECK - RPR			MJC: EXECQEA2		Rev Date: 3/2/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-15011-031)THE SUPERSTRUCTURE DECK REQUIRES REPAIR.	ACCOMPLISH THE REPAIR OF THE SUPERSTRUCTURE DECK PER THE CONDITION ASSESSMENT RECOMMENDATIONS (AS APPLICABLE): A. CROP AND RENEW _____ SQ. FT. OF THE DECK WITH NEW PLATE. B. REPAIR _____ SQ. FT. OF COATING SYSTEM USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE.

Task/Abbreviation: I-16211-001- -STACK/MACK STRUCT - MRC G1N6			MJC: EXECIEM2		Rev Date: 11/16/2007
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-16211-001)THE STACK AND MACK STRUCTURE REQUIRES ASSESSMENT.	ACCOMPLISH THE STACK AND MACK STRUCTURE ASSESSMENT IN ACCORDANCE WITH MRC G1N6 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR STRUCTURAL SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-16311-001- -(M)SEA CHESTS (DD) - INSP				MJC: EXECM037		Rev Date: 2/20/2009	
RCM Analysis:		Scheduled: Y	Sit Reqs: D/D		Qty: TBD	Removal Required:	
Lvl of Maint: 1		Freq: 129	Equip/Task: 1	Matl Cost: 750	ManDays: 15	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 1			
NSTM CH-505, PARA. 505-9.19.2 NSTM CH-997, PARA. 997-4.1 GC:801360,MA:1300							
Reason:	Problem Description:			Recommended Solution:			
BASELINE	(I-16311-001)NSTM REQUIREMENT DUE			IAW NSTM CH-505 PARA. 505-9.19.2 AND NSTM CH-997 PARA. 997-4.1, INSPECT THE SEA CHESTS FROM EXTERIOR OF SHELL PLATING CONNECTION UP TO, BUT EXCLUDING, FIRST SEA VALVE AND GASKET. ACCOMPLISH REMOVALS OF SPLITTER BARS AND STRAINER PLATES. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF INSPECTION AND/OR REPAIRS, REINSTALL SPLITTER BARS AND STRAINER PLATES USING NEW FASTENERS. TO INCLUDE (AS APPLICABLE): A. GRATINGS B. SPLITTER BARS C. STEAMING-OUT CONNECTIONS (TO FIRST FLANGE) D. STRAINER PLATES E. WASTER SLEEVES WITH SLEEVES OF AT LEAST 3/4 INCH THICKNESS F. ZINC ANODES G. PROVIDE ___ NDT READINGS AS DESIGNATED. H. BUBBLE SHIELDS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.			

Task/Abbreviation: Q-16311-002- -SEA CHESTS (DD) - RPR				MJC: EXECQ030		Rev Date: 2/20/2009	
RCM Analysis:		Scheduled: N	Sit Reqs: D/D		Qty: X		Removal Required:
Lvl of Maint: 1		Freq: 0	Equip/Task: X	Matl Cost: 13,500	ManDays: 300	Alt No:	
Referenced Authority:			Repair Pool:		MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-16311-002)SEA CHESTS REQUIRE REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE SEA CHESTS PER CONDITION ASSESSMENT/ AUTHORIZED RECOMMENDATIONS. TO INCLUDE (AS APPLICABLE): A. CLAD WELD _____ SQUARE FEET. B. VEE OUT AND REWELD _____ FEET OF WASTED SEAMS. C. CROPOUT AND REPLACE _____ SQUARE FEET OF DISTORTED AND/OR WASTED PLATE. D. REPLACE ALL ZINC ANODES. E. REPAIR BUBBLE SHIELDS.

Task/Abbreviation: O-16711-015- -MACHALT 526 - ACCOMP			MJC: DXSAO001		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: MA 526	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-16711-15) MACHALT 526, HANDLE BUSHING UPGR WT/AT DR, NOT ACCOMPLISHED	ACCOMPLISH MACHALT 526 WHICH INSTALLS AN UPGRADE KIT CONSISTING OF IMPROVED DOOR DOG/HANDLE BUSHINGS WITH CORROSION INHIBITING PRESERVATIVE INSTALLED, IMPROVED SPRING, AND A PAINT SHIELD. THIS WILL CORRECT THE MOST COMMONLY RECURRING WEATHER DECK WATERTIGHT DOOR DEFICIENCIES.

Task/Abbreviation: I-16711-024- -WTRTT/AIRTIGHT DRS - MRC 9JJB**MJC:** EXECIC03**Rev Date:** 7/30/2007**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** TBD**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-16711-024)THE STEEL WATERTIGHT/AIRTIGHT DOORS (QUICK ACTING) STRUCTURE REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE WATERTIGHT/AIRTIGHT DOOR STRUCTURE ASSESSMENT IN ACCORDANCE WITH MRC 9JJB AS FOLLOWS: 1. INSPECT, CLEAN AND LUBRICATE STEEL WATERTIGHT/AIRTIGHT DOORS (QUICK ACTING). 2. PERFORM CHALK TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-16711-025- -WTRTT/AIRTIGHT DRS - MRC 9JJC**MJC:** EXECIC04**Rev Date:** 6/27/2005**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** TBD**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:(I-16711-025)THE ALUMINUM
WATERTIGHT/AIRTIGHT DOORS (QUICK ACTING)
STRUCTURE REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE ALUMINUM WATERTIGHT/AIRTIGHT DOOR
STRUCTURE ASSESSMENT IN ACCORDANCE WITH MRC 9JJC AS
FOLLOWS: 1. INSPECT, CLEAN AND LUBRICATE ALUMINUM
WATERTIGHT/AIRTIGHT DOORS (QUICK ACTING). 2. PERFORM TEST
PROCEDURE. REPORT CONDITIONS FOUND TO SHIP'S CSMP.
PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND
POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64)
IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-16711-026- -WTRTT/AIRTIGHT DRS - MRC 9JJD			MJC: EXECIC05		Rev Date: 6/28/2005
RCM Analysis: 8/2/2004	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-16711-026)THE ALUMINUM WATERTIGHT/AIRTIGHT DOORS (INDIVIDUALLY DOGGED) STRUCTURE REQUIRES ASSESSMENT.	ACCOMPLISH THE ALUMINUM WATERTIGHT/AIRTIGHT DOORS (INDIVIDUALLY DOGGED) STRUCTURE ASSESSMENT IN ACCORDANCE WITH MRC 9JJD AS FOLLOWS: 1. INSPECT, CLEAN AND LUBRICATE ALUMINUM WATERTIGHT/AIRTIGHT DOORS (INDIVIDUALLY DOGGED). 2. PERFORM TEST PROCEDURE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-16711-027- -WTRTT/AIRTIGHT DRS - MRC 9JJE**MJC:** EXECIC06**Rev Date:** 6/28/2005**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** TBD**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-16711-027)THE STEEL WATERTIGHT/AIRTIGHT DOORS (INDIVIDUALLY DOGGED) STRUCTURE REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE HULL STRUCTURE ASSESSMENT IN ACCORDANCE WITH MRC 9JJE AS FOLLOWS: 1. INSPECT, CLEAN, AND LUBRICATE STEEL WATERTIGHT/AIRTIGHT DOORS (INDIVIDUALLY DOGGED). 2. PERFORM TEST PROCEDURE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-16711-029- -WTRTT/AIRTIGHT DRS - MRC 9KEB**MJC:** EXECIC08**Rev Date:** 6/28/2005**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** TBD**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-16711-029)THE GLASS REINFORCED PLASTIC (GRP) WATERTIGHT DOOR (INDIVIDUALLY DOGGED) STRUCTURE REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE HULL STRUCTURE ASSESSMENT IN ACCORDANCE WITH MRC 9KEB AS FOLLOWS: 1. INSPECT CLEAN AND LUBRICATE GLASS REINFORCED PLASTIC (GRP) WATERTIGHT DOORS (INDIVIDUALLY DOGGED). 2. PERFORM TEST PROCEDURE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-17111-007- -MASTS - ASSESS MRC G1N6**MJC:** EXECIFB4**Rev Date:** 12/12/2008**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-17111-007) THE MAST REQUIRES ASSESSMENT.

ACCOMPLISH THE MAST ASSESSMENT IN ACCORDANCE WITH MRC G1N6 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR STRUCTURAL SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-19111-003- -SHIPALT LHD1-00231K - ACCOMP		MJC: EXSAK224	Rev Date:		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 100,000	ManDays: 750	Alt No: SALHA 00231 K
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-19111-3) SHIPALT LHD1-0231K, WEIGHT AND MOMENT COMPENSATION, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-231K WHICH WILL PROVIDE A MEANS OF COMPENSATING FOR WEIGHT GROWTH AND CHANGES IN CENTER OF GRAVITY.

Task/Abbreviation: K-19111-004- -SHIPALT LHD1-03033.3K - ACCOMP			MJC: EXSAK229		Rev Date: 7/15/2002
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 100,000	ManDays: 750	Alt No: SALHD 03033 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-19111-4) SHIPALT LHD1-3033K, WEIGHT AND MOMENT COMP, INCREMENT 3, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-3033K, INCREMENT 3, WHICH WILL PROVIDE A MEANS OF COMPENSATING FOR WEIGHT GROWTH AND CHANGES IN CENTER OF GRAVITY.

Task/Abbreviation: K-19111-009- -SHIPALT LHD1-03033.4K - ACCOMP			MJC: EXSAK034		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 100,000	ManDays: 750	Alt No: SALHD 03033 K	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-19111-9) SHIPALT LHD1-3033K, WEIGHT AND MOMENT COMP, INCREMENT 4, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-3033K, INCREMENT 4, WHICH WILL PROVIDE A MEANS OF COMPENSATING FOR WEIGHT GROWTH AND CHANGES IN CENTER OF GRAVITY.

Task/Abbreviation: K-19111-010- -SHIPALT LHD1-03033.5K - ACCOMP			MJC: EXSAK035		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 100,000	ManDays: 750	Alt No: SALHD 03033 K	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-19111-10) SHIPALT LHD1-3033K, WEIGHT AND MOMENT COMP, INCREMENT 5, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-3033K, INCREMENT 5, WHICH WILL PROVIDE A MEANS OF COMPENSATING FOR WEIGHT GROWTH AND CHANGES IN CENTER OF GRAVITY.

Task/Abbreviation: K-19111-013- -SHIPALT LHD1-00231.1K - ACCOMP			MJC: EXSAK720		Rev Date: 2/21/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 100,000	ManDays: 750	Alt No: SALHD 0231.1 K
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-19111-13) SHIPALT LHD1-00231.1K, WEIGHT AND MOMENT COMPENSATION, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-00231.1K WHICH WILL PROVIDE A MEANS OF COMPENSATING FOR WEIGHT GROWTH AND CHANGES IN CENTER OF GRAVITY.

Task/Abbreviation: K-19111-015- -SHIPALT LHD1-00231.3K - ACCOMP			MJC: EXSAK722		Rev Date: 4/23/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required: NO
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 100,000	ManDays: 750	Alt No: SALHA 0231.3 K
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-19111-15) SHIPALT LHD1-00231.3K, WEIGHT AND MOMENT COMPENSATION, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-00231.3K WHICH WILL PROVIDE A MEANS OF COMPENSATING FOR WEIGHT GROWTH AND CHANGES IN CENTER OF GRAVITY.

Task/Abbreviation: K-19111-016- -SHIPALT LHD1-03033.1K - ACCOMP			MJC: EXSAK732		Rev Date: 4/23/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 100,000	ManDays: 750	Alt No: SALHD 3033.1 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-19111-16) SHIPALT LHD1-03033.1K - "WEIGHT AND MOMENT COMPENSATION" (TISS REM), NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-03033.1K "WEIGHT AND MOMENT COMPENSATION" (TISS REM), WHICH WILL PROVIDE A MEANS OF COMPENSATING FOR WEIGHT GROWTH AND CHANGES IN CENTER OF GRAVITY.

Task/Abbreviation: K-19111-017- -SHIPALT LHD1-03033.2K - ACCOMP			MJC: EXSAK733		Rev Date: 4/23/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 100,000	ManDays: 750	Alt No: SALHD 3033.2 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-19111-17) SHIPALT LHD1-03033.2K - "WEIGHT AND MOMENT COMPENSATION" , NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-03033.2K "WEIGHT AND MOMENT COMPENSATION" WHICH WILL PROVIDE A MEANS OF COMPENSATING FOR WEIGHT GROWTH AND CHANGES IN CENTER OF GRAVITY.

Task/Abbreviation: A-20200-003- -SA 11546 LHD8 MCS PATCH 8.			MJC: EXTYAB09		Rev Date: 10/3/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: SA 11546
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	SA 11546 NOT ACCOMPLISHED	CURRENTLY THE SHIPS CONFIGURATION IS IF THE ACTIVE NAVCONVERTER FROM THE BRIDGE IS BROADCASTING DATA TO ONE SWITCH AND THE ACTIVE DATA ACQUISITION UNITS (DAU) IS OPERATING ON THE OTHER SWITCH AND THE ABS SWITCH UPLINK FAILS, THE PILOT HOUSE WILL LOSE CONTROL OF THROTTLE AND STEERING PUMPS AND WILL NOT RECEIVE A NOTIFICATION. LHD 8 HAS BEEN GIVEN INTERIM INSTRUCTIONS VIA TEMPORARY STANDING ORDER 104 FOR MAINTAINING THROTTLE AND STEERING PUMP CONTROL IN THE PILOT HOUSE UPON LOSS OF COMMUNICATIONS BETWEEN ABS AND MCS UNTIL THE SOFTWARE PATCH IS DEEMED A SATISFACTORY FIX. AT THAT POINT THE PATCH WILL BE CONVERTED TO AN OFFICIAL SOFTWARE BUILD AND MADE A PERMANENT CHANGE. ANTICIPATE THIS IN FY12. LHD8 IS THE ONLY LHDS THAT INCLUDES A COMPLEX MACHINERY CONTROL SYSTEM ARCHITECTURE THEREFORE THIS PATCH WILL ONLY IMPACT THE LHD8 BUT POSSIBLY FUTURE LHA6 AND LHA7 WILL REQUIRE THIS MODIFICATION SINCE THE DESIGN IS USING LHD8 AS A BASELINE. POC PANG,JENNY NAVAL SURFACE WARFARE CENTER CARDEROCK DIVISION 2158978544 JENNY.PANG@NAVY.MIL

Task/Abbreviation: D-22110-018- -SHIPALT LHD1-03171D - ACCOMP			MJC: EXSAD341		Rev Date: 3/4/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 272	Alt No: SALHD 03171 D
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-22110-18) SHIPALT LHD1-03171D, REPLACE HI DRUM SAFETY VALVE, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03171D WHICH REPLACES THE BOILER HIGH DRUM SAFETY VALVE WITH AN IMPROVED SYSTEM WHICH WILL ELIMINATE LEAKAGE AND SIMMERING, REDUCE WEAR ON PRESSURE BOUNDARY SEATING SURFACES, AND PROVIDE FOR MODULAR PARTS REPLACEMENT.

Task/Abbreviation: A-22110-020- -AER LHD1-00102 - ACCOMP			MJC: EXTYA829		Rev Date: 2/24/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 120,000	ManDays: 600	Alt No: TYLHD 00102
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-22110-20) AER LHD1-00102, PERISCOPE CAMERA IN PROP BLRS, NOT ACCOMPLISHED.	AER LHD1-00102, PERISCOPE CAMERA IN PROP BLRS, WHICH INSTALLS A FURNACE AND PERISCOPE CAMERA SYSTEM IN PROPULSION BOILERS.

Task/Abbreviation: D-22110-026- -SHIPALT LHD1-00363D - ACCOMP				MJC: EXSAD520		Rev Date: 3/6/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,000		ManDays: 272		Alt No: SALHD 00363 D	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-22110-26) SHIPALT LHD1-00363D, REPLACE HI DRUM SAFETY VALVE, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00363D WHICH REPLACES THE BOILER HIGH DRUM SAFETY VALVE WITH AN IMPROVED SYSTEM WHICH WILL ELIMINATE LEAKAGE AND SIMMERING, REDUCE WEAR ON PRESSURE BOUNDARY SEATING SURFACES, AND PROVIDE FOR MODULAR PARTS REPLACEMENT.

Task/Abbreviation: D-22110-027- -SHIPALT LHD1-03281D - ACCOMP**MJC:** EXSAD531**Rev Date:** 4/14/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 8,047**ManDays:** 156**Alt No:** SALHD 03281 D**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(D-22110-27) SHIPALT LHD1-03281D, LHD-5 CL MN
BLR IGNITER SYSTEM, NOT ACCOMPLISHEDACCOMPLISH SHIPALT LHD1-03281D WHICH INSTALLS A HIGH
ENERGY IGNITER SYSTEM ON THE MAIN PROPULSION BOILERS TO
REDUCE SHIP'S FORCE MANPOWER REQUIREMENTS AND PROVIDE
SAFER BURNER OPERATION. CURRENTLY LIGHT OFF AND
OPERATION OF BURNERS ON MAIN PROPULSION BOILERS ARE
DONE BY A BURNER FRONT OPERATOR LIGHTING A TORCH AND
PLACING IT IN THE FURNANCE. HUMAN ERROR CAN RESULT IN A
FLAREBACK. AUTOMATION OF THE BOILER LIGHTOFF PROCESS
REDUCES BOTH THE MANPOWER REQUIRED AND THE RISK OF A
BOILER FLAREBACK DUE TO HUMAN ERROR.

Task/Abbreviation: K-22110-028- -SHIPALT LHD1-70242K - ACCOMP			MJC: EXSAD534		Rev Date: 6/6/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 70242 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-22110-28) SHIPALT LHD1-70242K "OIL BURNER FUEL VALVE UPGRADE", NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-70242K "OIL BURNER FUEL VALVE UPGRADE" WHICH THE OIL BURNER RELIES ONE PLUG VALVE AND A PREFORMED PACKING INSERT TO PREVENT BOTH INTERNAL AND EXTERNAL FUEL OIL LEAKAGE. THE PLUG VALVE SHEARS OFF THE PACKING WHEN THE PACKING IS SUBJECTED TO OVER COMPRESSION (COMMON OCCURRENCE) WHICH WILL CAUSE FUEL LEAKAGE.

Task/Abbreviation: D-22110-029- -SHIPALT LHD1-71987D - ACCOMP			MJC: EXSAD540		Rev Date: 5/16/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 20	Alt No: SALHD 71987 D
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-22110-29) SHIPALT LHD1-71987D, BACKFIT INSPTN LIGHT FOR BCMS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71987D BACKFIT INSPTN LIGHT FOR BCMS, WHICH UTILIZE THE SPARE BOILER PENETRATION ORIGINALLY INSTALLED AS PART OF BCMS (AER 01/02). UTILIZE EXISTING BCMS AIR PIPING AND WIRING TO PROVIDE ADDITIONAL COOLING AIR AND ELECTRICAL POWER REQUIRED BY THE LIGHT. INSTALL LIGHT MOMENTARY SWITCH IN EOS (OPERATORS CONSOLE) ADJACENT TO BCMS MONITOR AT BCO WATCH STATION. CONVENTIONAL BID WILL BE KEPT ONBOARD AS A BACK-UP.

Task/Abbreviation: D-22110-030- -SHIPALT LHD1-74054D - ACCOMP**MJC:** EXSAD591**Rev Date:** 4/14/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10**ManDays:** 10**Alt No:** SALHD 74054 D**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(D-22110-30) SHIPALT LHD1-74054D, STACK GAS ANALYZER REPLACEMENT, NOT ACCOMPLISHED

ACCOMPLISH SHIPALT LHD1-74054D WHICH REPLACES EXISTING STACK GAS ANALYZER (SGA) UNITS NO LONGER SUPPORTED BY THE ORIGINAL MANUFACTURER. SGA MEASURES PERCENT OXYGEN IN STACK GASES. EXCESS COMBUSTION AIR IS DIRECTLY PROPORTIONAL TO THE AMOUNT OF OXYGEN. EXCESS AIR COOLS COMBUSTION GASES, DECREASES HEAT TRANSFER EFFECTIVENESS, AND GENERATES A DANGEROUS WHITE SMOKE CONDITION LINKED TO BOILER EXPLOSIONS. EXISTING CASUALTY PROCEDURES USE THE SGA ALONG WITH VISUAL VERIFICATION TO DETERMINE THE EXISTENCE OF WHITE SMOKE, AND IF THE CONDITION PERSISTS FOR MORE THAN ONE MINUTE, ARE INSTRUCTED TO SHUT DOWN THE BOILER. AN ENHANCED REPLACEMENT SGA PROVIDES A CO AND O2 READING TO THE OPERATOR, AND ALLOWS INTEGRATION INTO A TRIM LOOP SYSTEM (SCD # 985). A FLUE GAS TEMPERATURE SENSOR AND UPDATED FUEL OIL FLOW METER IS INSTALLED TO ALLOW FOR IMPROVED ECONOMIZER PERFORMANCE AND BOILER EFFICIENCY. BOTH HAVE THE ABILITY TO PROVIDE INPUTS INTO THE TRIM LOOP SYSTEM. PROPER USE OF SGA HAS CONSISTENTLY DEMONSTRATED FUEL SAVINGS BY TRIMMING EXCESS COMBUSTION AIR. POC: JOHN WRIGHT, 215-897-7709, JOHN.T.WRIGHT@NAVY.MIL

Task/Abbreviation: D-22110-033- -SHIPALT LHD1-00479D - ACCOMP**MJC:** EXSAD727**Rev Date:** 6/29/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 4,047**ManDays:** 156**Alt No:** SALHD 00479 D**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(D-22110-33) SHIPALT LHD1-00479D, LHD-5 CL MN
BLR IGNITER SYSTEM, NOT ACCOMPLISHEDAIT- ACCOMPLISH SHIPALT LHD1-00479D WHICH INSTALLS A HIGH
ENERGY IGNITER SYSTEM ON THE MAIN PROPULSION BOILERS TO
REDUCE SHIP'S FORCE MANPOWER REQUIREMENTS AND PROVIDE
SAFER BURNER OPERATION. CURRENT LIGHT OFF AND OPERATION
OF BURNERS ON MAIN PROPULSION BOILERS IS BY A BURNER
FRONT OPERATOR LIGHTING A TORCH AND PLACING IT IN THE
FURNANCE. HUMAN ERROR CAN RESULT IN A FLAREBACK.
AUTOMATION OF THE BOILER LIGHTOFF PROCESS REDUCES BOTH
THE MANPOWER REQUIRED AND THE RISK OF A BOILER FLAREBACK
DUE TO HUMAN ERROR.

Task/Abbreviation: I-22111-001- -BLR OUTER CSG - INSP**MJC:** EXECM038**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 90**ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

BOILER OUTER CASING REQUIRES LEAKAGE
INSPECTION PER NSTM 221.CONDUCT PROPULSION BOILER OUTER CASING LEAKAGE
INSPECTION USING HAND, SOAP FILM AND VISUAL TECHNOLOGIES
PRIOR TO THE START OF AVAILABILITY INSPECTION (SAI) IAW NSTM
221. MARK ALL LEAKS CLEARLY ON CASING. FOR INSULATED
CASING DETERMINE THE NEED FOR REPLACEMENT. REPORT
CONDITIONS FOUND TO THE SHIP'S CSMP.

Task/Abbreviation: I-22111-002- -(M)PRPLN BLR SAI - PREP**MJC:** EXECM039**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 60**Equip/Task:** 1**Matl Cost:** 10,125**ManDays:** 350**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3

NSTM CH-221, PARA. 221-2.1.2.5 NSTM CH-221, PARA. 221-2.4.3 GC:280450,MA:1300

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-22111-002)NSTM REQUIREMENT DUE

IAW NSTM CH-221, PARA. 221-2.1.2.5, PARA. 221-2.2.4 & PARA. 221-2.4.3, PROVIDE ACCESS TO WATERSIDES & FIRESIDES OF PRPLN BOILER TO ACCOMP SAI AND FIVE YEAR EXAM. REMOVE INNER/OUTER CASING PANELS FOR HEADERS ACCESS. REMOVE REFRACTORY FROM REARWALL, SCREENWALL AND SIDEWALL HEADERS TO EXPOSE TUBE JOINTS. CLEAN FIRESIDES. ACCOMP PRELIMINARY HYDRO TEST IAW NSTM CH-221. REMOVE HANDHOLE PLUGS/MANHOLE PLATES FOR WATERSIDES ACCESS. REMOVE & INSPECT STM DRUM INTERNALS AND HYDRO TEST DESUPERHEATER. REMOVE AND DISPOSE OF INSULATION TO EXPOSE PRESSURE JOINTS. CLEAN WATERSIDES. ON COMPLETION OF AUTHORIZED REPAIRS, REINSTALL ALL INTERNALS AND EXTERNAL FITTINGS USING NEW GASKETS AND FASTENERS. ACCOMPLISH FINAL HYDRO TEST. RESTORE REMOVED REFRACTORY AND INSULATION. A. UT TEST IAW NSTM AS AUTHORIZED. NOTES: 1. USE SMWG TEMPLATE #221-08 FOR GUIDANCE. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-22111-003- -(M)PRPLN BLR SAI - ACCOMP			MJC: EXECM190		Rev Date: 9/1/2011
RCM Analysis:		Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 3	Freq: 60	Equip/Task: 1	Matl Cost: 180	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
NSTM CH-221, PARA. 221-2.1.2.5 NSTM CH-221, PARA. 221-2.4.3 GC:280450,MA:1300					
Reason:	Problem Description:		Recommended Solution:		
BASELINE	(I-22111-003)NSTM REQUIREMENT DUE		IAW NSTM CH-221, PARA. 221-2.4.4, ACCOMPLISH START OF AVAILABILITY INSPECTION (SAI) OF THE PROPULSION BOILER. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.		

Task/Abbreviation: I-22111-004- -(M)SOOT BLOWER HEADS - UT			MJC: EXECM040		Rev Date: 9/1/2011	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty: 10	Removal Required:
Lvl of Maint: 1	Freq: 120	Equip/Task: 5	Matl Cost: 45	ManDays: 1	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-22111-004)NSTM REQUIREMENT DUE	IAW NSTM CH-221, PARA. 221-3.3.6.2, ULTRASONIC TEST THE SOOT BLOWER HEADS OF THE PROPULSION BOILER AND REPORT CONDITIONS FOUND TO THE NSA. CLEAN TO BARE METAL AREAS TO BE TESTED. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-22111-005- -IDLE BLR LAY UP - MAINTAIN**MJC:** EXECM041**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 5,166**ManDays:** 76**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-22111-005)PROPULSION BOILER REQUIRES LAY-UP

MAINTAIN THE IDLE PROPULSION BOILER(S) IN DRY OR WET LAY-UP CONDITION IN ACCORDANCE WITH THE FOLLOWING: A. DRY LAY-UP: HOT AIR METHOD IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-38 OR DESSICANT METHOD IN ACCORDANCE WITH NSTM CHAPTER 221 (DURING ENTIRE REPAIRS, EXCLUDING HYDROSTATIC TESTING). B. WET LAY-UP: IN ACCORDANCE WITH NSTM 220 (AFTER REPAIRS AND FINAL HYDROSTATIC TESTING).

Task/Abbreviation: I-22111-006- -(M)PRPLN BLR CAI - ACCOMP			MJC: EXECM042		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 60	Equip/Task: 1	Matl Cost: 4,665	ManDays: 45	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
NSTM CH-221, PARA. 221-2.1.2.6 NSTM CH-221, PARA. 221-2.4.8 GC:280450,MA:1300					
Reason:	Problem Description:		Recommended Solution:		
BASELINE	(I-22111-006)NSTM REQUIREMENT DUE		IAW NSTM CH-221, PARA. 221-2.1.2.6 & NSTM CH-221, PARA. 221-2.4.8, ACCOMPLISH COMPLETION OF AVAILABILITY INSPECTION (CAI) ON THE PROPULSION BOILER. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.		

Task/Abbreviation: I-22111-007- -ACCESS NON OVHL BLR - PROV**MJC:** EXECICJ5**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-22111-007)ACCESS REQUIRED FOR THE
NON-OVERHAUL PROPULSION BOILER FOR
INSPECTIONPROVIDE ACCESS TO THE WATERSIDES AND FIRESIDES OF THE
NON-OVERHAUL PROPULSION BOILER TO SUPPORT START OF
AVAILABILITY INSPECTION (SAI) IAW NSTM CH-221, PARA. 221-2.1.2.3
& NSTM CH-221 PARA. 221-2.2.4.. REMOVE INNER AND OUTER
CASING PANELS TO PROVIDE ACCESS TO HEADERS. ACCOMPLISH
PRELIMINARY HYDROSTATIC TEST. ON COMPLETION OF
AUTHORIZED REPAIRS, REINSTALL CASING USING NEW GASKETS.
PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND
POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64)
IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-22111-008- -FIRESIDES BLR - CLN/RPR**MJC:** EXECQBJ4**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10,125**ManDays:** 225**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-22111-008)PROPULSION BOILER FIRESIDES
REQUIRE CLEANING

REMOVE ADDITIONAL BOILER CASING ACCESSES AS NECESSARY AND ACCOMPLISH FIRESIDE REPAIRS IAW NSTM CH-221 (PARA 221-2.7 & 221-2.13) AND TM S9221-C1-GTP-020 (CH-10 &11) AS FOLLOWS: A. MECHANICALLY CLEAN/CLEAR RAIN GUTTERS & DRAINS B. CLEAN FURNACES AND CLEAR EXPANSION JOINTS & DRAINS C. REPLACE DESIGNATED CORBEL SECTIONS D. REPLACE FURNACE DECK FIREBRICK E. REPLACE FURNACE FRONT WALL INCLUSIVE OF INSULATION BOARD, INSULATING BLOCK, FIREBRICK AND HANGERS F. REPLACE CASTABLE REFRACTORY AND HANGERS IN WAY OF BURNER APERTURES TOGETHER WITH HANGERS G. REPLACE SUPERHEATER DECK REFRACTORY H. REPLACE CASTABLE REFRACTORY AS DESIGNATED I. STRAIGHTEN/FAIR BENT OR DEFLECTED CASING DR FLANGES J. CROP/REPL CASING DR FLANGES & GRIND ALL WELDS FLUSH ON COMPLETION OF BOILER HYDROSTATIC TEST, REINSTALL CASING DOORS USING NEW GASKETS AND JOINT SEALING COMPOUND AND REPLACE MISSING/DEFECTIVE FASTENERS. REASSEMBLE BURNER FRONTS, SET AIR DIFFUSERS AND SPRAY PATTERNS. PROVE AIR-TIGHT WITH OPERATIONAL TEST.

Task/Abbreviation: Q-22111-009- -PRPLN BLR WATERSIDES - RPR**MJC:** EXECQ032**Rev Date:** 9/1/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 10,125 **ManDays:** 225 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:**

BASELINE

Problem Description:(Q-22111-009)PROPULSION BOILER WATERSIDE
REQUIRES REPAIR**Recommended Solution:**

AFTER WATERSIDE CLEANING UNDER SAI PREPS, ACCOMPLISH WATERSIDE REPAIRS ON THE PROPULSION BOILER PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, FLUSH TUBES AND HEADERS, REPLACE DISTURBED GASKETS AND ACCOMPLISH HYDROSTATIC TEST IN ACCORDANCE WITH NSTM CHAPTER 221 , PARA. 221-2.16. A. ROLL ____ TUBES. B. REMOVE AND REPLACE ____ TUBES IAW S9221-C1-GTP-010, CH-3. C. REPAIR, BY GRINDING OR WELDING, DEFECTS IN DOWNCOMERS, DRUMS, HEADERS, NOZZLES, RISERS AND SUPERHEATER SEAL WELDS IAW S9221-C1-GTP-010 CH-4, 5 & 6. D. REPLACE STEAM DRUM INTERNAL PIPING AND SUPPORTS. E. REPAIR WATER DRUM DESUPERHEATER SUPPORT. F. GRIND AND WELD-REPAIR CRACKED STRUCTURAL WELDMENTS IAW S9221-C1-GTP-010 CH-5. G. WELD BUILD-UP AND MACHINE DESUPERHEATER FLANGES IAW S9221-C1-GTP-010 CH-8. H. REFACE ____ HANDHOLE AND MANHOLE SEATS IAW S9221-C1-GTP-010 CH-5. I. CHEMICALLY-CLEAN WATERSIDES IAW S9221-C1-GTP-020, CH-9. J. BOIL-OUT AFTER MAJOR TUBE REPLACEMENT IAW NSTM CH-221, APPDX. E, & S9221-C1-GTP-020, CH-9.

Task/Abbreviation: Q-22111-010- -INNER & OUTER CSG DOORS - RPR**MJC:** EXECQBJ5**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 900**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-22111-010)CASING ACCESS DOOR REQUIRES REPAIR

REGASKET AND MAKE MINOR REPAIRS TO THE INNER AND OUTER CASING DOORS OF THE PROPULSION BOILER PER CONDITION ASSESSMENT RECOMMENDATIONS IAW S9221-C1-GTP-020 CH-11. CORRECT ALL LEAKS IDENTIFIED BY AIR TEST. REPLACE _____ MISSING AND/OR UNSERVICEABLE FASTENERS. REPLACE VIEW PORT GLASS INCLUDING GASKETS. ACCOMPLISH A SATISFACTORY POST-REPAIRS AIR CASING LEAKAGE TEST. NOTES: 1. WORK WITH FIRESIDE REPAIR ITEM OF REPAIR BOILER ONLY.

Task/Abbreviation: I-22111-011- -BLR SAF SHUT-OFF DVC - TST**MJC:** EXECI005**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-22111-011)THE PROPULSION BOILER SAFETY
SHUT-OFF DEVICES REQUIRE HYDROSTATIC TESTHYDROSTATICALLY TEST THE PROPULSION BOILER BURNER
SAFETY SHUT-OFF DEVICES IN ACCORDANCE WITH THE
APPLICABLE PROPULSION BOILER TECHNICAL MANUAL.
ACCOMPLISH AUTHORIZED REPAIRS TO CORRECT LEAKS
INCLUDING REPLACING O-RINGS, U-CUP SEALS AND BALL CHECK
VALVES IAW TECH MANUAL S9221-C1-GTP-020, CH-14.
ACCOMPLISH AUTHORIZED REPAIRS TO AIR REGISTER LINKAGES,
PINS, PINION GEAR AND SPRINGS. REASSEMBLE BURNER
ASSEMBLY REPLACING MISSING AND/OR UNSERVICEABLE
FASTENERS. ENSURE DIFFUSER IS CENTERED IN THROAT RING
AND SETTINGS ARE CORRECT. INSPECT ATOMIZER TO JACKET
TUBE CONCENTRICITY. PROVIDE "AS-FOUND MATERIAL CONDITION"
CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN"
FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-22111-012- -PRPLN BLR SLIDING FEET - INSP**MJC:** EXECI006**Rev Date:** 9/1/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 180**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-22111-012)THE PROPULSION BOILER SLIDING
FEET REQUIRE INSPECTION AND GREASEFLUSH, CLEAN, INSPECT AND GREASE THE PROPULSION BOILER
SLIDING FEET IAW NSTM CH-221, PARA. 221-2.15 & PMS 2210/ MRC
B6PM. CLEAN AND PRESERVE PEDESTALS AND FOUNDATIONS. DO
NOT PAINT CHOCK-FACE. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-22111-013- -PRPLN BLR TB - INSP**MJC:** EXECI007**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-22111-013)THE PROPULSION BOILER TUBES
REQUIRES INSPECTIONCONDUCT A NONDESTRUCTIVE EVALUATION (NDE) OF THE BOILER
TUBES AS DIRECTED BY THE INSPECTOR AND REPORT CONDITIONS
FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION"
CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN"
FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-22111-014- -BLR SAF VLVS - INSP/RPR				MJC: EXECQA14		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 8		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 4		Matl Cost: 810		ManDays: 18		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
LHD 1/LCC 19 CLA:		(Q-22111-014)SAFETY VALVE REQUIRES REPAIR				REMOVE GIS SAFETY VALVES AND CONTROL PANELS FOR REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS IAW NSTM CH-221 AND GIS TECHNICAL MANUAL. CLEAN AND INSPECT ALL COMPONENTS. SET GIS SAFETY VALVES. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-22111-015- -SOOT BLOWER HEAD ASSY - RPR**MJC:** EXECQ659**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 10**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 135**ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-22111-015)SOOT BLOWER HEAD REQUIRES REPAIR

REPAIR SOOT BLOWER HEAD ASSEMBLY(IES) OF THE BOILER PER CONDITION ASSESSMENT RECOMMENDATIONS IAW NSTM CH-221, PARA. 221-3.3.6. DISASSEMBLE AND INSPECT ALL COMPONENTS. ENSURE THAT ELEMENT AND ELEMENT REACTION PLATE ARE FREE FROM CRACKS & ELEMENT NOZZLES ARE FREE FROM EROSION. ON COMPLETION OF RPRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE USING NEW PACKING SETS (VALVE STEM, EXTENSION PIECE, ELEMENT) & REPLACE MISSING/UNSERVICEABLE FASTENERS. ENSURE SATISFACTORY ELEMENT SWEEP & BLOWING PRESSURE. A. REPLACE EXTENSION PIECE SNAP RING. B. REPLACE PINION. C. REPLACE GEAR AND EXTENSION PIECE. D. REPLACE VALVE SPRING. E. REPLACE PACKING GLAND. F. REPLACE VALVE STEM ASSEMBLY. G. REPLACE EXTENSION TUBE BEARING. H. STRAIGHTEN ELEMENT. I. REPLACE ELEMENT. J. REPLACE ELEMENT DEFLECTING RING. K. REPLACE ELEMENT INNER SLEEVE. L. REPAIR SCAVENGING AIR CHECK VALVE IAW TECH MANUAL S9221-C1-GTP-020 CH-15. M. REPAIR PNEUMATIC OPERATORS AS REQUIRED.

Task/Abbreviation: Q-22111-016- -BLR WTR LEVEL GAGE GLASS - RPR				MJC: EXECJBD6		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 500		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22111-016)WATER LEVEL GAGE REQUIRES REPAIR	REMOVE BOILER WATER LEVEL GAGE GLASSES. DISASSEMBLE AND INSPECT SEATING SURFACES FOR DEFECTS AND REPAIR IAW TECHNICAL MANUAL S9221-C1-GTP-020, CH16. TRUE MACHINE SEATING SURFACES TO A CONTINUOUS SEATING SURFACE. INSTALL NEW MICA, GASKETS AND GLASS. REASSEMBLE USING NEW FASTENERS. CONDUCT HYDROSTATIC TEST. REINSTALL AND OPERATIONALLY TEST.

Task/Abbreviation: I-22111-017- -(M) 18 MO BLR INSP - ACCOMP				MJC: EXECM167		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 3		Freq: 18		Equip/Task: 1		Matl Cost:		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-22111-017)NSTM REQUIREMENT DUE	IAW NSTM CH-221 PARAGRAPHS 221-2.1.2.2, 221-2.1.2.3 AND 221-2.2.4, ACCOMPLISH TYCOM 18 MONTH ROUTINE BOILER INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-22111-019- -BLR PERISCOPE - MRC A5C2**MJC:** EXECIID7**Rev Date:** 9/1/2011**RCM Analysis:** 7/7/2008**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-22111-019)THE BOILER PERISCOPE REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH BOILER PERISCOPE ASSESSMENT IN ACCORDANCE WITH MRC A5C2 AS FOLLOWS: 1. INSPECT BOILER PERISCOPE FOR GAS LEAKS, ALIGNMENT AND FREEDOM OF OPERATION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-22111-023- -BLR INNER CSG - PRESERVE			MJC: EXECQE62		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22111-023)PROPULSION BOILER INNER AIR CASING REQUIRES CLEANING/PRESERVATION.	POWER TOOL CLEAN AND PRESERVE PROPULSION BOILER INNER AIR CASING IAW NAVSEA STD ITEM 009-32. CLEANING AND PRESERVATION SHALL INCLUDE CASING INTERIOR SURFACES, SUPPORTS, STRUCTURAL FRAMING, DOWNCOMERS AND EXTERNAL SURFACES OF HEADERS NOT NORMALLY ACCESSIBLE TO SHIP'S FORCE.

Task/Abbreviation: Q-22111-024- -BLR STM DRUM/WTR DRUM - RPR**MJC:** EXECQE64**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 3,500**ManDays:** 35**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-22111-024)PROPULSION BOILER STEAM DRUM,
WATER DRUM AND HEADERS REQUIRE REPAIRS.

ACCOMPLISH THE FOLLOWING REPAIRS TO THE PROPULSION BOILER STEAM DRUM, WATER DRUM AND HEADERS:

A. RENEW STEAM DRUM HOLD DOWN STUDS/NUTS/WASHERS, CHASE REMAINING THREADED STUDS.

B. INSPECT INTERNAL DRUM FLANGES (DESUPERHEATER, FEEDWATER, CHEMICAL INJECTION AND SURFACE BLOW). REFACE/WELD BUILD-UP AND MACHINE/REPLACE DESIGNATED FLANGES.

C. RADIUS ACCESSIBLE SHARP-EDGED BORED OPENINGS AND NOZZLES IN DRUMS AND HEADERS.

D. GAGE HANDHOLE/MANHOLE SEATING SURFACES IDENTIFIED AS LEAKING DURING THE PRELIMINARY HYDRO IAW NAVSEA STD ITEM 009-62. WELD REPAIR AND MACHINE SEATING SURFACES AS REQUIRED, INFORM NSWCCD SSES C/922 PRIOR TO WELD REPAIRS. REPLACE HANDHOLE/MANHOLE PLATES FOUND UNSATISFACTORY FOR REUSE.

E. REQUIRED REPAIRS FOR PRESSURE VESSELS SHALL BE IDENTIFIED AND AUTHORIZED AS A RESULT OF THE SAI INSPECTION. PRESSURE VESSEL REPAIR SHALL BE IAW NAVSEA S9221-CI-GTP-010/020.

Task/Abbreviation: Q-22111-025- -BLR BURNER BARRELS - OVHL				MJC: EXECQE66		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 250		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22111-025)PROPULSION BOILER BURNER BARRELS REQUIRE OVERHAUL.	OVERHAUL PROPULSION BOILER BURNER BARRELS AND ALL SHIP'S SPARES WHICH EQUALS 250 PERCENT OF BURNER BARREL ASSEMBLIES FOR EACH BOILER. REPAIRS AND TESTING SHALL BE IAW BOILER TECH MANUAL AND NSTM 221.

Task/Abbreviation: Q-22111-026- -BLR TUBES - WATERJET CLEAN				MJC: EXECQE68		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,000		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22111-026)PROPULSION BOILER TUBES REQUIRE WATEJET CLEANING PER NSTM REQUIREMENT.	USING WATER TREATED WITH SODIUM NITRITE, WATERJET CLEAN BOILER TUBES AND FAN JET CLEAN INTERNAL SURFACE OF THE STEAM DRUM, WATER DRUMS AND HEATERS IAW NSTM 221 AND NAVSEA STD ITEM 009-31. ACCOMPLISH PRIOR TO THE SAI.

Task/Abbreviation: I-22111-027- -BLR INTERNALS - CLEAN/INSP**MJC:** EXECIIN1**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,500**ManDays:** 15**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-22111-027)PROPULSION BOILER INTERNALS
REQUIRE CLEANING AND INSPECTION.HIGH PRESSURE WATERJET CLEAN THE BOILER INTERNALS.
VISUALLY INSPECT INTERNALS FOR DAMAGE OR DETERIORATION.
RENEW MISSING/DAMAGED FASTENERS AND CHASE REMAINING
HOLD DOWN STUDS. VISUALLY INSPECT DESUPERHEATER TO
FLANGE WELDS, CONDUCT NDT BASED ON VISUAL INSPECTION
RESULTS. INSPECT/ GAGE RAISED FACE OF DESUPERHEATER
FLANGE. CONDUCT SHOP HYDRO OF DESUPERHEATER TO 150%
DESIGN (350 PSIG IF DATA IS UNAVAILABLE). REINSTALL
DESUPERHEATER AND CONDUCT HYDROSTATIC TEST TO 150 PSIG
OR MAXIMUM OPERATING DIFFERENTIAL PRESSURE IAW NSTM
221/NAVSEA S9221-CI-GTP010/ 020.

Task/Abbreviation: Q-22111-028- -BLR CASING LIGHTS - RPR			MJC: EXECQE70		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 200	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22111-028)PROPULSION BOILER CASING LIGHTS ARE DAMAGED.	REPAIR BOILER CASING LIGHTS AND WIRING USING NSTM 300 AS GUIDANCE. ENSURE GLOBES ARE CLEANED AND FRAMES ARE PROPERLY MOUNTED TO CASING.

Task/Abbreviation: Q-22111-029- -REMOTE WTR LVL IND - OVHL			MJC: EXECQE72		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 800	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22111-029)PROPULSION BOILER REMOTE WATER LEVEL INDICATOR REQUIRES REPAIR.	OVERHAUL REMOTE WATER LEVEL INDICATORS AND REPEATERS. CLEAN SYSTEM TRANSMISSION LINES. REPLACE WORN AND DEFECTIVE PARTS AND CALIBRATE SYSTEM IAW NAVSEA S9221-B5-MMO-010 AND NAVSEA 0965-LP-0977-3010.

Task/Abbreviation:		Q-22111-030- -BLR THERMOMETERS - RPR/CAL		MJC:	EXECQE74	Rev Date:	9/1/2011				
RCM Analysis:		Scheduled:	N	Sit Reqs:		Qty:	2	Removal Required:			
Lvl of Maint:	1	Freq:	0	Equip/Task:	1	Matl Cost:	300	ManDays:	3	Alt No:	
Referenced Authority:		Repair Pool:		MCC:		3					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22111-030) PROPULSION BOILER THERMOMETERS REQUIRE CALIBRATION.	REPAIR AND CALIBRATE ONE-EACH SUPERHEATER DISTANT READING, SUPERHEATER DIRECT READING, DESUPERHEATER OUTLET UPTAKE AND ECONOMIZER THERMOMETERS IAW NAVSEA STD ITEM 009-14.

Task/Abbreviation: Q-22111-031- -BLR GAGES - RPR/CAL			MJC: EXECQE76		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 600	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22111-031) PROPULSION BOILER GAGES REQUIRE REPAIR/CALIBRATION.	REPAIR AND CALIBRATE ONE EACH STEAM DRUM PRESSURE, SUPERHEATER OUTLET PRESSURE, DESUPERHEATER OUTLET PRESSURE, ATOMIZING STEAM SUPPLY PRESSURE, FUEL OIL MANIFOLD PRESSURE AND SUPERHEATER PROTECTION STEAM PRESSURE GAGES.

Task/Abbreviation: I-22111-032- -BLR PIPING SYS - VIS/UT INSP**MJC:** EXECIIN5**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 60**Equip/Task:** 1**Matl Cost:** 150**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-22111-032) PROPULSION BOILER PIPING
SYSTEMS REQUIRE VISUAL AND UT INSPECTION.ACCOMPLISH ULTRASONIC TEST (UT) ON THE FOLLOWING BOILER
ASSOCIATED PIPING SYSTEMS: A. CONDUCT VISUAL AND UT
INSPECTION OF BOILER SURFACE AND BOTTOM BLOW CARBON
STEEL PIPING. INSPECTION SHALL START FROM THE DRUM OR
HEADER NOZZLE AND TERMINATE AT THE FIRST BOILER PRESSURE
VESSEL FLANGE. INSPECTION SHALL INCLUDE PIPING BENEATH
SUPPORT BRACKETS. BOILER CASING PENETRATIONS, AREAS
SUBJECTED TO BILGE WATER AND UNDER WET AND DETERIORATED
LAGGING IAW NSTM 505 AND MIL-STD 271. B. UT CHEMICAL
INJECTION TANK ASSOCIATED PIPING FROM THE CONDENSATE FILL
VALVE TO THE FEED CONNECTIONS. C. UT HIGH PRESSURE DRAIN
PIPING FROM HEADER TO FIRST VALVE. NOTE: ACCOMPLISH THESE
INSPECTIONS DURING 5 YEAR STRENGTH AND INTEGRITY
INSPECTION.

Task/Abbreviation: Q-22111-033- -BLR FURNACE CAMERA - RMV/STORE		MJC: EXECL001	Rev Date: 9/1/2011		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 2	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22111-033) PROPULSION BOILER FURNACE CAMERA REQUIRES STORAGE DURING PMA.	DISCONNECT ELECTRICAL AND VIDEO PLUGS FROM THE FURNACE CAMERA AND RETRACT/REMOVE THE UNIT FROM REAR OF BOILER. WRAP UNIT IN PLASTIC AND PROTECT WITH FIRE CLOTH AND STORE INSERT/RETRACT HOSES IN SAFE LOCATION. STORE ALL COMPONENTS IN SAFE LOCATION.

Task/Abbreviation: I-22111-034- -BLR REFRACTORY - INSP			MJC: EXECIIN7		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-22111-034) PROPULSION BOILER REFRACTORY REQUIRES INSPECTION.	FRONT AND REAR CASING INSULATION BETWEEN THE INNER CASING AND REAR WALL REFRACTORY REQUIRES INSPECTION FOR 5YR. REMOVE EXISTING NOZZLES CAPS ON THE INNER FRONT AND REAR CASING AT THE GEN BANK, SUPHTR AREAS AND REAR FURNACE BELOW REAR WALL HEADER TO INVESTIGATE EXTENT OF REFRACTORY VOIDS.

Task/Abbreviation: Q-22111-035- -BLR POST RPR - WATERJET CLN				MJC: EXECQE80		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,000		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22111-035) PROPULSION BOILER REQUIRES POST REPAIR WATERJET CLEANING.	AT DISCRETION OF INSPECTOR, PERFORM POST REPAIR WATERJET CLEANING OF BOILER IAW NSTM 221 AND NAVSEA STD ITEM 009-31.

Task/Abbreviation: Q-22111-036- -BLR INTERNALS - REINSTALL				MJC: EXECQE82		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,800		ManDays: 18		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22111-036) PROPULSION BOILER INTERNALS REQUIRE REINSTALLATION.	UPON COMPLETION OF CAI, REINSTALL BOILER INTERNALS AND HANDHOLE/MANHOLE PLATES USING NEW GASKETS. CONDUCT 100 PERCENT HYDROSTATIC TEST IAW NSTM 221.

Task/Abbreviation: I-22111-037- -SOOT BLOWER SNAP RINGS - INSP			MJC: EXECIIP8		Rev Date: 9/1/2011
RCM Analysis:		Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 60	Equip/Task: 1	Matl Cost: 250	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(I-22111-037) PROPULSION BOILER SOOT BLOWER SNAP RINGS REQUIRE INSPECTION.	INSPECT SOOT BLOWER SNAP RINGS AND RENEW AS NECESSARY (COPES VULCAN ONLY).			

Task/Abbreviation: I-22111-038- -PRPLN BLR - SECURE FOR SAI				MJC: EXECIIS3	Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 300	ManDays: 3	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(I-22111-038) NSTM 221 REQUIREMENT.	SECURE AND PREPARE BOILER FOR SAI IAW NSTM 221. INSTALL STACK COVERS, SECURE AND TAG VALVES. SECURE ELECTRICAL POWER TO PERISCOPE, SGA AND SECURE AIR AND ELECTRICAL POWER TO THE CONTROL BOARDS.			

Task/Abbreviation: I-22111-039- -PRPLN BLR PPG - INSP**MJC:** EXECIIS5**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 60**Equip/Task:** 1**Matl Cost:** 6,500**ManDays:** 35**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-22111-039) BLR PPG REQUIRES 5-YR INSPECTION.

CONDUCT BLR 5-YEAR INSPECTION IAW NSTM 221. RMV PIPE LAGGING & INSP PPG AS SPECIFIED IN NOTES. WIREBRUSH CLN AND VISUAL INSP ALL INTERNAL AND VISIBLE EXT WELDS OF STM DRUM, WTR DRUM & ALL HEADERS INCLUDING ALL SUPERHTR TUBE TO HEADER WELDS. CONDUCT NDT OF SUSPECT AREAS AS A RESULTS OF VISUAL INSPECTION. PROVIDE REPORT OF CONDITIONS FOUND. RENEW LAGGING IAW NAVSEA SI 009-11. NOTE 1: RMV LAGGING FROM ECONOMIZER DRAINS & VENT PPG TO FIRST VLVS. ACCOMP VISUAL & UT. NOTE 2: RMV LAGGING FROM PPG & ACCOMP VISUAL & UT ON FOLLOWING: A. SATURATED STM, SUPERHTR INLET PPG - FROM SUPERHTR INLET HEADER BACK 15 FT ONLY, REMOVAL AND INSPECTION. B. MN STM, SUPERHTR OUTLET TO DESUPERHTR INLET, 100% REMOVAL & INSPECTION. C. MN STM, SUPERHTR OUTLET TO MN STM STOP, 100% REMOVAL & INSPECTION. D. AUX STM, DESUPERHTR OUTLET TO AUX STM STOP, 100% REMOVAL/INSPECTION. E. SAFETY VLVS NOZZLE UT REQUIREMENTS WILL BE BASED ON VISUAL INSPECTION RESULTS. F. DO NOT RMV STM DRUM & WTR DRUM LAGGING. CERTAIN NOZZLE DESIGNS WILL REQUIRE LAGGING REMOVAL AS DESIGNATED BY INSPECTOR. G. DO NOT RMV MN FD PPG LAGGING. VISUAL & UT AS DESIGNATED BY INSPECTOR.

Task/Abbreviation: Q-22111-040- -BLR GEN BANK PL -RMV/REINSTALL			MJC: EXECQE84		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 75	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22111-040) GEN BANK REFRACTORY PROTECTION PLATE REQUIRES REMOVAL.	UPPER REAR GEN BANK REFRACTORY PROTECTION PLATE IS INSTALLED. REMOVE UPPER LEDGE PLATE TO SUPPORT INSPECTION OF GEN BANK REFRACTORY. AFTER INSPECTION RE-INSTALL USING (3) TACK WELDS SPACED EVENLY ACROSS UPPER EDGE OF PLATE.

Task/Abbreviation: I-22112-001- -BLR OUTER CSG - INSP**MJC:** EXECM043**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 90**ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

BOILER OUTER CASING REQUIRES LEAKAGE
INSPECTION PER NSTM 221.CONDUCT PROPULSION BOILER OUTER CASING LEAKAGE
INSPECTION USING HAND, SOAP FILM AND VISUAL TECHNOLOGIES
PRIOR TO THE START OF AVAILABILITY INSPECTION (SAI) IAW NSTM
221. MARK ALL LEAKS CLEARLY ON CASING. FOR INSULATED
CASING DETERMINE THE NEED FOR REPLACEMENT. REPORT
CONDITIONS FOUND TO THE SHIP'S CSMP.

Task/Abbreviation: I-22112-002- -(M)PRPLN BLR SAI - PREP			MJC: EXECM044		Rev Date: 9/1/2011	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 60	Equip/Task: 1	Matl Cost: 10,125	ManDays: 350	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 3		
NSTM CH-221, PARA. 221-2.1.2.5 NSTM CH-221, PARA. 221-2.4.3 GC:280450,MA:1300						
Reason:	Problem Description:		Recommended Solution:			
BASELINE	(I-22112-002)NSTM REQUIREMENT DUE		IAW NSTM CH-221, PARA. 221-2.1.2.5, PARA. 221-2.2.4 & PARA. 221-2.4.3, PROVIDE ACCESS TO WATERSIDES & FIRESIDES OF PRPLN BOILER TO ACCOMP SAI AND FIVE YEAR EXAM. REMOVE INNER/OUTER CASING PANELS FOR HEADERS ACCESS. REMOVE REFRACTORY FROM REARWALL, SCREENWALL AND SIDEWALL HEADERS TO EXPOSE TUBE JOINTS. CLEAN FIRESIDES. ACCOMP PRELIMINARY HYDRO TEST IAW NSTM CH-221. REMOVE HANDHOLE PLUGS/MANHOLE PLATES FOR WATERSIDES ACCESS. REMOVE & INSPECT STM DRUM INTERNALS AND HYDRO TEST DESUPERHEATER. REMOVE AND DISPOSE OF INSULATION TO EXPOSE PRESSURE JOINTS. CLEAN WATERSIDES. ON COMPLETION OF AUTHORIZED REPAIRS, REINSTALL ALL INTERNALS AND EXTERNAL FITTINGS USING NEW GASKETS AND FASTENERS. ACCOMPLISH FINAL HYDRO TEST. RESTORE REMOVED REFRACTORY AND INSULATION. A. UT TEST IAW NSTM AS AUTHORIZED. NOTES: 1. USE SMWG TEMPLATE #221-08 FOR GUIDANCE. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.			

Task/Abbreviation: I-22112-003- -(M)PRPLN BLR SAI - ACCOMP			MJC: EXECM002		Rev Date: 9/1/2011
RCM Analysis:		Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 3	Freq: 60	Equip/Task: 1	Matl Cost: 180	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
NSTM CH-221, PARA. 221-2.1.2.5 NSTM CH-221, PARA. 221-2.4.3 GC:280450,MA:1300					
Reason:	Problem Description:		Recommended Solution:		
BASELINE	(I-22112-003)NSTM REQUIREMENT DUE		IAW NSTM CH-221, PARA. 221-2.4.4, ACCOMPLISH START OF AVAILABILITY INSPECTION (SAI) OF THE PROPULSION BOILER. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.		

Task/Abbreviation: I-22112-004- -(M)SOOT BLOWER HEADS - UT			MJC: EXECM045		Rev Date: 9/1/2011	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty: 10	Removal Required:
Lvl of Maint: 1	Freq: 120	Equip/Task: 5	Matl Cost: 45	ManDays: 1	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-22112-004)NSTM REQUIREMENT DUE	IAW NSTM CH-221, PARA. 221-3.3.6.2, ULTRASONIC TEST THE SOOT BLOWER HEADS OF THE PROPULSION BOILER AND REPORT CONDITIONS FOUND TO THE NSA. CLEAN TO BARE METAL AREAS TO BE TESTED. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-22112-005- -IDLE BLR LAY UP - MAINTAIN**MJC:** EXECM046**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 5,166**ManDays:** 76**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-22112-005)PROPULSION BOILER REQUIRES LAY-UP

MAINTAIN THE IDLE PROPULSION BOILER(S) IN DRY OR WET LAY-UP CONDITION IN ACCORDANCE WITH THE FOLLOWING: A. DRY LAY-UP: HOT AIR METHOD IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-38 OR DESSICANT METHOD IN ACCORDANCE WITH NSTM CHAPTER 221 (DURING ENTIRE REPAIRS, EXCLUDING HYDROSTATIC TESTING). B. WET LAY-UP: IN ACCORDANCE WITH NSTM 220 (AFTER REPAIRS AND FINAL HYDROSTATIC TESTING).

Task/Abbreviation: I-22112-006- -(M)PRPLN BLR CAI - ACCOMP			MJC: EXECM047		Rev Date: 9/1/2011
RCM Analysis:		Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 3	Freq: 60	Equip/Task: 1	Matl Cost: 4,665	ManDays: 45	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
NSTM CH-221, PARA. 221-2.1.2.6 NSTM CH-221, PARA. 221-2.4.8 GC:280450,MA:1300					
Reason:	Problem Description:		Recommended Solution:		
BASELINE	(I-22112-006)NSTM REQUIREMENT DUE		IAW NSTM CH-221, PARA. 221-2.1.2.6 & NSTM CH-221, PARA. 221-2.4.8, ACCOMPLISH COMPLETION OF AVAILABILITY INSPECTION (CAI) ON THE PROPULSION BOILER. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.		

Task/Abbreviation: I-22112-007- -ACCESS NON OVHL BLR - PROV			MJC: EXECI009		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-22112-007)ACCESS REQUIRED FOR THE NON-OVERHAUL PROPULSION BOILER FOR INSPECTION	PROVIDE ACCESS TO THE WATERSIDES AND FIRESIDES OF THE NON-OVERHAUL PROPULSION BOILER TO SUPPORT START OF AVAILABILITY INSPECTION (SAI) IAW NSTM CH-221, PARA. 221-2.1.2.3 & NSTM CH-221 PARA. 221-2.2.4.. REMOVE INNER AND OUTER CASING PANELS TO PROVIDE ACCESS TO HEADERS. ACCOMPLISH PRELIMINARY HYDROSTATIC TEST. ON COMPLETION OF AUTHORIZED REPAIRS, REINSTALL CASING USING NEW GASKETS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-22112-008- -FIRESIDES BLR - CLN/RPR**MJC:** EXECQ034**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10,125**ManDays:** 225**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-22112-008)PROPULSION BOILER FIRESIDES
REQUIRE CLEANING

REMOVE ADDITIONAL BOILER CASING ACCESSES AS NECESSARY AND ACCOMPLISH FIRESIDE REPAIRS IAW NSTM CH-221 (PARA 221-2.7 & 221-2.13) AND TM S9221-C1-GTP-020 (CH-10 &11) AS FOLLOWS: A. MECHANICALLY CLEAN/CLEAR RAIN GUTTERS & DRAINS B. CLEAN FURNACES AND CLEAR EXPANSION JOINTS & DRAINS C. REPLACE DESIGNATED CORBEL SECTIONS D. REPLACE FURNACE DECK FIREBRICK E. REPLACE FURNACE FRONT WALL INCLUSIVE OF INSULATION BOARD, INSULATING BLOCK, FIREBRICK AND HANGERS F. REPLACE CASTABLE REFRACTORY AND HANGERS IN WAY OF BURNER APERTURES TOGETHER WITH HANGERS G. REPLACE SUPERHEATER DECK REFRACTORY H. REPLACE CASTABLE REFRACTORY AS DESIGNATED I. STRAIGHTEN/FAIR BENT OR DEFLECTED CASING DR FLANGES J. CROP/REPL CASING DR FLANGES & GRIND ALL WELDS FLUSH ON COMPLETION OF BOILER HYDROSTATIC TEST, REINSTALL CASING DOORS USING NEW GASKETS AND JOINT SEALING COMPOUND AND REPLACE MISSING/DEFECTIVE FASTENERS. REASSEMBLE BURNER FRONTS, SET AIR DIFFUSERS AND SPRAY PATTERNS. PROVE AIR-TIGHT WITH OPERATIONAL TEST.

Task/Abbreviation: Q-22112-009- -PRPLN BLR WATERSIDES - RPR**MJC:** EXECQ035**Rev Date:** 9/1/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10,125**ManDays:** 225**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-22112-009)PROPULSION BOILER WATERSIDE
REQUIRES REPAIR

AFTER WATERSIDE CLEANING UNDER SAI PREPS, ACCOMPLISH WATERSIDE REPAIRS ON THE PROPULSION BOILER PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, FLUSH TUBES AND HEADERS, REPLACE DISTURBED GASKETS AND ACCOMPLISH HYDROSTATIC TEST IN ACCORDANCE WITH NSTM CHAPTER 221 , PARA. 221-2.16. A. ROLL ____ TUBES. B. REMOVE AND REPLACE ____ TUBES IAW S9221-C1-GTP-010, CH-3. C. REPAIR, BY GRINDING OR WELDING, DEFECTS IN DOWNCOMERS, DRUMS, HEADERS, NOZZLES, RISERS AND SUPERHEATER SEAL WELDS IAW S9221-C1-GTP-010 CH-4, 5 & 6. D. REPLACE STEAM DRUM INTERNAL PIPING AND SUPPORTS. E. REPAIR WATER DRUM DESUPERHEATER SUPPORT. F. GRIND AND WELD-REPAIR CRACKED STRUCTURAL WELDMENTS IAW S9221-C1-GTP-010 CH-5. G. WELD BUILD-UP AND MACHINE DESUPERHEATER FLANGES IAW S9221-C1-GTP-010 CH-8. H. REFACE ____ HANDHOLE AND MANHOLE SEATS IAW S9221-C1-GTP-010 CH-5. I. CHEMICALLY-CLEAN WATERSIDES IAW S9221-C1-GTP-020, CH-9. J. BOIL-OUT AFTER MAJOR TUBE REPLACEMENT IAW NSTM CH-221, APPDX. E, & S9221-C1-GTP-020, CH-9.

Task/Abbreviation: Q-22112-010- -INNER & OUTER CSG DOORS - RPR**MJC:** EXECQ036**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 900**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-22112-010)CASING ACCESS DOOR REQUIRES REPAIR

REGASKET AND MAKE MINOR REPAIRS TO THE INNER AND OUTER CASING DOORS OF THE PROPULSION BOILER PER CONDITION ASSESSMENT RECOMMENDATIONS IAW S9221-C1-GTP-020 CH-11. CORRECT ALL LEAKS IDENTIFIED BY AIR TEST. REPLACE _____ MISSING AND/OR UNSERVICEABLE FASTENERS. REPLACE VIEW PORT GLASS INCLUDING GASKETS. ACCOMPLISH A SATISFACTORY POST-REPAIRS AIR CASING LEAKAGE TEST. NOTES: 1. WORK WITH FIRESIDE REPAIR ITEM OF REPAIR BOILER ONLY.

Task/Abbreviation: I-22112-011- -BLR SAF SHUT-OFF DVC - TST**MJC:** EXECI010**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-22112-011)THE PROPULSION BOILER SAFETY
SHUT-OFF DEVICES REQUIRE HYDROSTATIC TESTHYDROSTATICALLY TEST THE PROPULSION BOILER BURNER
SAFETY SHUT-OFF DEVICES IN ACCORDANCE WITH THE
APPLICABLE PROPULSION BOILER TECHNICAL MANUAL.
ACCOMPLISH AUTHORIZED REPAIRS TO CORRECT LEAKS
INCLUDING REPLACING O-RINGS, U-CUP SEALS AND BALL CHECK
VALVES IAW TECH MANUAL S9221-C1-GTP-020, CH-14.
ACCOMPLISH AUTHORIZED REPAIRS TO AIR REGISTER LINKAGES,
PINS, PINION GEAR AND SPRINGS. REASSEMBLE BURNER
ASSEMBLY REPLACING MISSING AND/OR UNSERVICEABLE
FASTENERS. ENSURE DIFFUSER IS CENTERED IN THROAT RING
AND SETTINGS ARE CORRECT. INSPECT ATOMIZER TO JACKET
TUBE CONCENTRICITY. PROVIDE "AS-FOUND MATERIAL CONDITION"
CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN"
FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-22112-012- -PRPLN BLR SLIDING FEET - INSP			MJC: EXECI011		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 180	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-22112-012)THE PROPULSION BOILER SLIDING FEET REQUIRE INSPECTION AND GREASE	FLUSH, CLEAN, INSPECT AND GREASE THE PROPULSION BOILER SLIDING FEET IAW NSTM CH-221, PARA. 221-2.15 & PMS 2210/ MRC B6PM. CLEAN AND PRESERVE PEDESTALS AND FOUNDATIONS. DO NOT PAINT CHOCK-FACE. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-22112-013- -PRPLN BLR TB - INSP**MJC:** EXECI012**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-22112-013)THE PROPULSION BOILER TUBES
REQUIRES INSPECTIONCONDUCT A NONDESTRUCTIVE EVALUATION (NDE) OF THE BOILER
TUBES AS DIRECTED BY THE INSPECTOR AND REPORT CONDITIONS
FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION"
CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN"
FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-22112-014- -BLR SAF VLVS - INSP/RPR				MJC: EXECQA15		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 8		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 4		Matl Cost: 810		ManDays: 18		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
LHD 1 CLASS		(Q-22112-014)SAFETY VALVE REQUIRES REPAIR				REMOVE GIS SAFETY VALVES AND CONTROL PANELS FOR REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS IAW NSTM CH-221 AND GIS TECHNICAL MANUAL. CLEAN AND INSPECT ALL COMPONENTS. SET GIS SAFETY VALVES. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-22112-015- -SOOT BLOWER HEAD ASSY - RPR**MJC:** EXECQ661**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 10**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 135**ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-22112-015)SOOT BLOWER HEAD REQUIRES REPAIR

REPAIR SOOT BLOWER HEAD ASSEMBLY(IES) OF THE BOILER PER CONDITION ASSESSMENT RECOMMENDATIONS IAW NSTM CH-221, PARA. 221-3.3.6. DISASSEMBLE AND INSPECT ALL COMPONENTS. ENSURE THAT ELEMENT AND ELEMENT REACTION PLATE ARE FREE FROM CRACKS & ELEMENT NOZZLES ARE FREE FROM EROSION. ON COMPLETION OF RPRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE USING NEW PACKING SETS (VALVE STEM, EXTENSION PIECE, ELEMENT) & REPLACE MISSING/UNSERVICEABLE FASTENERS. ENSURE SATISFACTORY ELEMENT SWEEP & BLOWING PRESSURE. A. REPLACE EXTENSION PIECE SNAP RING. B. REPLACE PINION. C. REPLACE GEAR AND EXTENSION PIECE. D. REPLACE VALVE SPRING. E. REPLACE PACKING GLAND. F. REPLACE VALVE STEM ASSEMBLY. G. REPLACE EXTENSION TUBE BEARING. H. STRAIGHTEN ELEMENT. I. REPLACE ELEMENT. J. REPLACE ELEMENT DEFLECTING RING. K. REPLACE ELEMENT INNER SLEEVE. L. REPAIR SCAVENGING AIR CHECK VALVE IAW TECH MANUAL S9221-C1-GTP-020 CH-15. M. REPAIR PNEUMATIC OPERATORS AS REQUIRED.

Task/Abbreviation: Q-22112-016- -BLR WTR LEVEL GAGE GLASS - RPR				MJC: EXECJBD9		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 500		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22112-016)WATER LEVEL GAGE REQUIRES REPAIR	REMOVE BOILER WATER LEVEL GAGE GLASSES. DISASSEMBLE AND INSPECT SEATING SURFACES FOR DEFECTS AND REPAIR IAW TECHNICAL MANUAL S9221-C1-GTP-020, CH16. TRUE MACHINE SEATING SURFACES TO A CONTINUOUS SEATING SURFACE. INSTALL NEW MICA, GASKETS AND GLASS. REASSEMBLE USING NEW FASTENERS. CONDUCT HYDROSTATIC TEST. REINSTALL AND OPERATIONALLY TEST.

Task/Abbreviation: I-22112-017- -(M) 18 MO BLR INSP - ACCOMP				MJC: EXECM168		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 3		Freq: 18		Equip/Task: 1		Matl Cost:		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-22112-017)NSTM REQUIREMENT DUE	IAW NSTM CH-221 PARAGRAPHS 221-2.1.2.2, 221-2.1.2.3 AND 221-2.2.4, ACCOMPLISH TYCOM 18 MONTH ROUTINE BOILER INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-22112-018- -BLR PERISCOPE - MRC A5C2**MJC:** EXECIID8**Rev Date:** 9/1/2011**RCM Analysis:** 7/7/2008**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-22112-018)THE BOILER PERISCOPE REQUIRES ASSESSMENT.

ACCOMPLISH BOILER PERISCOPE ASSESSMENT IN ACCORDANCE WITH MRC A5C2 AS FOLLOWS: 1. INSPECT BOILER PERISCOPE FOR GAS LEAKS, ALIGNMENT AND FREEDOM OF OPERATION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-22112-019- -BLR INNER CSG - PRESERVE**MJC:** EXECQE63**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 500**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-22112-019)PROPULSION BOILER INNER AIR
CASING REQUIRES CLEANING/PRESERVATION.POWER TOOL CLEAN AND PRESERVE PROPULSION BOILER INNER
AIR CASING IAW NAVSEA STD ITEM 009-32. CLEANING AND
PRESERVATION SHALL INCLUDE CASING INTERIOR SURFACES,
SUPPORTS, STRUCTURAL FRAMING, DOWNCOMERS AND EXTERNAL
SURFACES OF HEADERS NOT NORMALLY ACCESSIBLE TO SHIP'S
FORCE.

Task/Abbreviation: Q-22112-020- -BLR STM DRUM/WTR DRUM - RPR**MJC:** EXECQE65**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 3,500**ManDays:** 35**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-22112-020)PROPULSION BOILER STEAM DRUM,
WATER DRUM AND HEADERS REQUIRE REPAIRS.

ACCOMPLISH THE FOLLOWING REPAIRS TO THE PROPULSION BOILER STEAM DRUM, WATER DRUM AND HEADERS:

A. RENEW STEAM DRUM HOLD DOWN STUDS/NUTS/WASHERS, CHASE REMAINING THREADED STUDS.

B. INSPECT INTERNAL DRUM FLANGES (DESUPERHEATER, FEEDWATER, CHEMICAL INJECTION AND SURFACE BLOW). REFACE/WELD BUILD-UP AND MACHINE/REPLACE DESIGNATED FLANGES.

C. RADIUS ACCESSIBLE SHARP-EDGED BORED OPENINGS AND NOZZLES IN DRUMS AND HEADERS.

D. GAGE HANDHOLE/MANHOLE SEATING SURFACES IDENTIFIED AS LEAKING DURING THE PRELIMINARY HYDRO IAW NAVSEA STD ITEM 009-62. WELD REPAIR AND MACHINE SEATING SURFACES AS REQUIRED, INFORM NSWCCD SSES C/922 PRIOR TO WELD REPAIRS. REPLACE HANDHOLE/MANHOLE PLATES FOUND UNSATISFACTORY FOR REUSE.

E. REQUIRED REPAIRS FOR PRESSURE VESSELS SHALL BE IDENTIFIED AND AUTHORIZED AS A RESULT OF THE SAI INSPECTION. PRESSURE VESSEL REPAIR SHALL BE IAW NAVSEA S9221-CI-GTP-010/020.

Task/Abbreviation: Q-22112-021- -BLR BURNER BARRELS - OVHL**MJC:** EXECQE67**Rev Date:** 9/1/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 250**ManDays:** 16**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-22112-021)PROPULSION BOILER BURNER
BARRELS REQUIRE OVERHAUL.OVERHAUL PROPULSION BOILER BURNER BARRELS AND ALL SHIP'S
SPARES WHICH EQUALS 250 PERCENT OF BURNER BARREL
ASSEMBLIES FOR EACH BOILER. REPAIRS AND TESTING SHALL BE
IAW BOILER TECH MANUAL AND NSTM 221.

Task/Abbreviation: Q-22112-022- -BLR TUBES - WATERJET CLEAN				MJC: EXECQE69		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,000		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-22112-022)PROPULSION BOILER TUBES REQUIRE WATERJET CLEANING PER NSTM 221.				USING WATER TREATED WITH SODIUM NITRITE, WATERJET CLEAN BOILER TUBES AND FAN JET CLEAN INTERNAL SURFACE OF THE STEAM DRUM, WATER DRUMS AND HEATERS IAW NSTM 221 AND NAVSEA STD ITEM 009-31. ACCOMPLISH PRIOR TO THE SAI.					

Task/Abbreviation: I-22112-023- -BLR INTERNALS - CLEAN/INSP**MJC:** EXECIIN2**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,500**ManDays:** 15**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-22112-023)PROPULSION BOILER INTERNALS
REQUIRE CLEANING AND INSPECTION.HIGH PRESSURE WATERJET CLEAN THE BOILER INTERNALS.
VISUALLY INSPECT INTERNALS FOR DAMAGE OR DETERIORATION.
RENEW MISSING/DAMAGED FASTENERS AND CHASE REMAINING
HOLD DOWN STUDS. VISUALLY INSPECT DESUPERHEATER TO
FLANGE WELDS, CONDUCT NDT BASED ON VISUAL INSPECTION
RESULTS. INSPECT/ GAGE RAISED FACE OF DESUPERHEATER
FLANGE. CONDUCT SHOP HYDRO OF DESUPERHEATER TO 150%
DESIGN (350 PSIG IF DATA IS UNAVAILABLE). REINSTALL
DESUPERHEATER AND CONDUCT HYDROSTATIC TEST TO 150 PSIG
OR MAXIMUM OPERATING DIFFERENTIAL PRESSURE IAW NSTM
221/NAVSEA S9221-CI-GTP010/ 020.

Task/Abbreviation: Q-22112-024- -BLR CASING LIGHTS - RPR			MJC: EXECQE71		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 200	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22112-024)PROPULSION BOILER CASING LIGHTS ARE DAMAGED.	REPAIR BOILER CASING LIGHTS AND WIRING USING NSTM 300 AS GUIDANCE. ENSURE GLOBES ARE CLEANED AND FRAMES ARE PROPERLY MOUNTED TO CASING.

Task/Abbreviation: Q-22112-025- -REMOTE WTR LVL IND - OVHL			MJC: EXECQE73		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 800	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22112-025)PROPULSION BOILER REMOTE WATER LEVEL INDICATOR REQUIRES REPAIR.	OVERHAUL REMOTE WATER LEVEL INDICATORS AND REPEATERS. CLEAN SYSTEM TRANSMISSION LINES. REPLACE WORN AND DEFECTIVE PARTS AND CALIBRATE SYSTEM IAW NAVSEA S9221-B5-MMO-010 AND NAVSEA 0965-LP-0977-3010.

Task/Abbreviation: Q-22112-026- -BLR THERMOMETERS - RPR/CAL		MJC: EXECQE75	Rev Date: 9/1/2011		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 300	ManDays: 3	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22112-026) PROPULSION BOILER THERMOMETERS REQUIRE CALIBRATION.	REPAIR AND CALIBRATE ONE-EACH SUPERHEATER DISTANT READING, SUPERHEATER DIRECT READING, DESUPERHEATER OUTLET UPTAKE AND ECONOMIZER THERMOMETERS IAW NAVSEA STD ITEM 009-14.

Task/Abbreviation: Q-22112-027- -BLR GAGES - RPR/CAL			MJC: EXECQE77		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 600	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22112-027) PROPULSION BOILER GAGES REQUIRE REPAIR/CALIBRATION.	REPAIR AND CALIBRATE ONE EACH STEAM DRUM PRESSURE, SUPERHEATER OUTLET PRESSURE, DESUPERHEATER OUTLET PRESSURE, ATOMIZING STEAM SUPPLY PRESSURE, FUEL OIL MANIFOLD PRESSURE AND SUPERHEATER PROTECTION STEAM PRESSURE GAGES.

Task/Abbreviation: I-22112-028- -BLR PIPING SYS - VIS/UT INSP**MJC:** EXECIIN6**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 60**Equip/Task:** 1**Matl Cost:** 150**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-22112-028) PROPULSION BOILER PIPING
SYSTEMS REQUIRE VISUAL AND UT INSPECTION.ACCOMPLISH ULTRASONIC TEST (UT) ON THE FOLLOWING BOILER
ASSOCIATED PIPING SYSTEMS: A. CONDUCT VISUAL AND UT
INSPECTION OF BOILER SURFACE AND BOTTOM BLOW CARBON
STEEL PIPING. INSPECTION SHALL START FROM THE DRUM OR
HEADER NOZZLE AND TERMINATE AT THE FIRST BOILER PRESSURE
VESSEL FLANGE. INSPECTION SHALL INCLUDE PIPING BENEATH
SUPPORT BRACKETS. BOILER CASING PENETRATIONS, AREAS
SUBJECTED TO BILGE WATER AND UNDER WET AND DETERIORATED
LAGGING IAW NSTM 505 AND MIL-STD 271. B. UT CHEMICAL
INJECTION TANK ASSOCIATED PIPING FROM THE CONDENSATE FILL
VALVE TO THE FEED CONNECTIONS. C. UT HIGH PRESSURE DRAIN
PIPING FROM HEADER TO FIRST VALVE. NOTE: ACCOMPLISH THESE
INSPECTIONS DURING 5 YEAR STRENGTH AND INTEGRITY
INSPECTION.

Task/Abbreviation: Q-22112-029- -BLR FURNACE CAMERA - RMV/STORE		MJC: EXECL002	Rev Date: 9/1/2011		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 2	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22112-029) PROPULSION BOILER FURNACE CAMERA REQUIRES STORAGE DURING PMA.	DISCONNECT ELECTRICAL AND VIDEO PLUGS FROM THE FURNACE CAMERA AND RETRACT/REMOVE THE UNIT FROM REAR OF BOILER. WRAP UNIT IN PLASTIC AND PROTECT WITH FIRE CLOTH AND STORE INSERT/RETRACT HOSES IN SAFE LOCATION. STORE ALL COMPONENTS IN SAFE LOCATION.

Task/Abbreviation: I-22112-030- -BLR REFRACTORY - INSP			MJC: EXECIIN8		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-22112-030) PROPULSION BOILER REFRACTORY REQUIRES INSPECTION.	FRONT AND REAR CASING INSULATION BETWEEN THE INNER CASING AND REAR WALL REFRACTORY REQUIRES INSPECTION FOR 5YR. REMOVE EXISTING NOZZLES CAPS ON THE INNER FRONT AND REAR CASING AT THE GEN BANK, SUPHTR AREAS AND REAR FURNACE BELOW REAR WALL HEADER TO INVESTIGATE EXTENT OF REFRACTORY VOIDS.

Task/Abbreviation: Q-22112-031- -BLR POST RPR - WATERJET CLN			MJC: EXECQE81		Rev Date: 9/1/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22112-031) PROPULSION BOILER REQUIRES POST REPAIR WATERJET CLEANING.	AT DISCRETION OF INSPECTOR, PERFORM POST REPAIR WATERJET CLEANING OF BOILER IAW NSTM 221 AND NAVSEA STD ITEM 009-31.

Task/Abbreviation: Q-22112-032- -BLR INTERNALS - REINSTALL			MJC: EXECQE83		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,800	ManDays: 18	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22112-032) PROPULSION BOILER INTERNALS REQUIRE REINSTALLATION.	UPON COMPLETION OF CAI, REINSTALL BOILER INTERNALS AND HANDHOLE/MANHOLE PLATES USING NEW GASKETS. CONDUCT 100 PERCENT HYDROSTATIC TEST IAW NSTM 221.

Task/Abbreviation: I-22112-033- -SOOT BLOWER SNAP RINGS - INSP				MJC: EXECIIP9		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 60		Equip/Task: 1		Matl Cost: 250		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-22112-033) PROPULSION BOILER SOOT BLOWER SNAP RINGS REQUIRE INSPECTION.				INSPECT SOOT BLOWER SNAP RINGS AND RENEW AS NECESSARY (COPES VULCAN ONLY).					

Task/Abbreviation: I-22112-034- -PRPLN BLR - SECURE FOR SAI			MJC: EXECIIS4		Rev Date: 9/1/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 300	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(I-22112-034) NSTM 221 REQUIREMENT.	SECURE AND PREPARE BOILER FOR SAI IAW NSTM 221. INSTALL STACK COVERS, SECURE AND TAG VALVES. SECURE ELECTRICAL POWER TO PERISCOPE, SGA AND SECURE AIR AND ELECTRICAL POWER TO THE CONTROL BOARDS.			

Task/Abbreviation: I-22112-035- -PRPLN BLR PPG - INSP**MJC:** EXECIIS6**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 60**Equip/Task:** 1**Matl Cost:** 6,500**ManDays:** 35**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-22112-035) BLR PPG REQUIRES 5-YR INSPECTION.

CONDUCT BLR 5-YEAR INSPECTION IAW NSTM 221. RMV PIPE LAGGING & INSP PPG AS SPECIFIED IN NOTES. WIREBRUSH CLN AND VISUAL INSP ALL INTERNAL AND VISIBLE EXT WELDS OF STM DRUM, WTR DRUM & ALL HEADERS INCLUDING ALL SUPERHTR TUBE TO HEADER WELDS. CONDUCT NDT OF SUSPECT AREAS AS A RESULTS OF VISUAL INSPECTION. PROVIDE REPORT OF CONDITIONS FOUND. RENEW LAGGING IAW NAVSEA SI 009-11. NOTE 1: RMV LAGGING FROM ECONOMIZER DRAINS & VENT PPG TO FIRST VLVS. ACCOMP VISUAL & UT. NOTE 2: RMV LAGGING FROM PPG & ACCOMP VISUAL & UT ON FOLLOWING: A. SATURATED STM, SUPERHTR INLET PPG - FROM SUPERHTR INLET HEADER BACK 15 FT ONLY, REMOVAL AND INSPECTION. B. MN STM, SUPERHTR OUTLET TO DESUPERHTR INLET, 100% REMOVAL & INSPECTION. C. MN STM, SUPERHTR OUTLET TO MN STM STOP, 100% REMOVAL & INSPECTION. D. AUX STM, DESUPERHTR OUTLET TO AUX STM STOP, 100% REMOVAL/INSPECTION. E. SAFETY VLVS NOZZLE UT REQUIREMENTS WILL BE BASED ON VISUAL INSPECTION RESULTS. F. DO NOT RMV STM DRUM & WTR DRUM LAGGING. CERTAIN NOZZLE DESIGNS WILL REQUIRE LAGGING REMOVAL AS DESIGNATED BY INSPECTOR. G. DO NOT RMV MN FD PPG LAGGING. VISUAL & UT AS DESIGNATED BY INSPECTOR.

Task/Abbreviation: Q-22112-036- -BLR GEN BANK PL -RMV/REINSTALL			MJC: EXECQE85		Rev Date: 9/1/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 75	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22112-036) GEN BANK REFRACTORY PROTECTION PLATE REQUIRES REMOVAL.	UPPER REAR GEN BANK REFRACTORY PROTECTION PLATE IS INSTALLED. REMOVE UPPER LEDGE PLATE TO SUPPORT INSPECTION OF GEN BANK REFRACTORY. AFTER INSPECTION RE-INSTALL USING (3) TACK WELDS SPACED EVENLY ACROSS UPPER EDGE OF PLATE.

Task/Abbreviation: A-22120-001- -AER LHD1-00299 - ACCOMP			MJC: EXTYA212		Rev Date: 3/7/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: TYLHD 00299
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-22120-1) TYCOM AUTHORIZED ALTERATION	ACCOMPLISH AER LHD1-00299E "UPGRADE AUTOMATIC BOILER CONTROL SYSTEM" WHICH REPLACES AUTOMATIC BOILER CONTROL SYSTEM PNEUMATIC CONTROLLERS AND SUPPORTING COMPONENTS WITH ELECTRONIC CONTROLLERS AND ELECTRONIC POSITIONERS FOR FINAL CONTROL ELEMENTS. THIS AER IMPROVES RELIABILITY, REDUCES MAINTENANCE AND REDUCES THE COMPLEXITY OF THE SYSTEM.

Task/Abbreviation: A-22120-003- -AER LHD1-03996 - ACCOMP			MJC: EXTYA240		Rev Date: 3/7/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 40,000	ManDays: 250	Alt No: TYLHD 03996
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-22120-3) TYCOM AUTHORIZED ALTERATION	ACCOMPLISH AER LHD1-03996E "ELECTRONIC AUTOMATIC BOILER CONTROL (ABC) TRANSMITTER INSTALLATION" WHICH REPLACES ALL ABC SYSTEM PNEUMATIC TRANSMITTERS WITH COMMERICAL OFF-THE-SHELF (COTS) ELECTRONIC TRANSMITTERS. THIS AER WILL ALLOW FOR TRANSMITTER INTEGRATION WITH THE EXISTING ABC SYSTEM WHILE IMPROVING THE SYSTEM RELIABILITY AND DECREASING THE LIFE CYCLE COST THROUGH INTERCHANGEABILITY AND INTEROPERABILITY THROUGHOUT THE NAVY.

Task/Abbreviation: K-22120-004- -SHIPALT LHD1-70264K - ACCOMP				MJC: EXTYA922		Rev Date: 2/19/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 10		ManDays: 10		Alt No: SALHD 70146 K	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-22120-4) SHIPALT LHD1-70264K, E-ABC UNINTERRUPTIBLE PWR SUPP, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-70264 K WHICH IS THE INSTALLATION OF MIL-SPEC UNINTERRUPTIBLE POWER SUPPLY (UPS) TO REPLACE COMMERCIAL GRADE UPS SERVICING ELECTRONIC AUTOMATIC BOILER CONTROL (E-ABC) AND ELECTRONIC AUXILIARY STEAM PLANT (E-AUX) CONTROL SYSTEMS.

Task/Abbreviation: D-22120-007- -SHIPALT LHD1-70985D - ACCOMP			MJC: EXSAD647		Rev Date: 8/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 70985 D
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-22120-7) SHIPALT LHD1-70985D, BOILER AUTOMATIC COMBUSTION, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-70985D WHICH INCORPORATES STACK GAS ANALYZER (SGA) SYSTEM CO-O2 READINGS INTO THE EXISTING ELECTRONIC AUTOMATIC BOILER CONTROLS (E-ABC). THE SGA MEASURES THE OXYGEN IN STACK GASES. THIS ALLOWS REAL TIME BOILER EFFICIENCY CALCULATION WHICH ALLOWS OPTIMUM OPERATION, REDUCED ENERGY LOSS AND IMPROVED FUEL ECONOMY. POC: CONRADO CAJIGAS, 619-437-2704, CONRADO.CAJIGAS@NAVY.MIL.

Task/Abbreviation: D-22120-008- -SHIPALT LHD1-70264D - ACCOMP			MJC: EXSAD653		Rev Date: 4/14/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 70264 D
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-22120-8) SHIPALT LHD1-70264D, E-ABC UNINTERRUPTIBLE PWR SUPP, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-70264 D WHICH INSTALLS THE MIL-SPEC UNINTERRUPTIBLE POWER SUPPLY (UPS) TO REPLACE COMMERCIAL GRADE UPS SERVICING ELECTRONIC AUTOMATIC BOILER CONTROL (E-ABC) AND ELECTRONIC AUXILIARY STEAM PLANT (E-AUX) CONTROL SYSTEMS. POC: RICHARD BOHINCE, 757 896 5243, RICHARD.R.BOHINCE@NGC.COM

Task/Abbreviation: I-22121-001- -BLR CONT SYS - INSP**MJC:** EXECICJ6**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 900**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-22121-001)THE AUTOMATIC COMBUSTION CONTROL (ACC) AND FEEDWATER CONTROL SYSTEMS OF THE PROPULSION BOILERS REQUIRES INSPECTION

INSPECT THE AUTOMATIC COMBUSTION CONTROL (ACC) AND FEEDWATER CONTROL SYSTEMS OF THE PROPULSION BOILERS AND IDENTIFY REPAIRS USING MRC C5YU. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: A-22121-003- -AER LHD1-01198 - ACCOMP			MJC: EXT YA126		Rev Date: 3/7/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: TYLHD 01198
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-22121-3) TYCOM AUTHORIZED ALTERATION	ACCOMPLISH AER LHD1-01198E "REPLACE BOILER WATER LEVEL INDICATION AND ALARM SYSTEMS" WHICH REPLACES THE EXISTING BARTON MODEL 385 DRUM LEVEL INDICATOR WITH A NEW STATE-OF-THE-ART ELECTRONIC BOILER DRUM LEVEL TRANSMITTER AND DIGITAL INDICATOR WITH ALARM.

Task/Abbreviation: Q-22121-007- -BLR CONT SYS - GROOM/RPR			MJC: EXECQE78		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,800	ManDays: 18	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22121-007) ELECTRONIC AUTOMATIC BOILER CONTROL (E-ABC) SYSTEM REQUIRES GROOMING AND REPAIR.	REPAIR THE BOILER AUTOMATIC COMBUSTION AND FEEDWATER CONTROL SYSTEM IAW APPLICABLE TECHNICAL MANUAL. OBTAIN SERVICES OF A QUALIFIED TECH REP FOR IDENTIFICATION OF REQUIRED REPAIRS AND TROUBLESHOOTING OF SYSTEM.

Task/Abbreviation: I-22122-001- -BLR CONT SYS - INSP**MJC:** EXECI024**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 900**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-22122-001)THE AUTOMATIC COMBUSTION CONTROL (ACC) AND FEEDWATER CONTROL SYSTEMS OF THE PROPULSION BOILERS REQUIRES INSPECTION

INSPECT THE AUTOMATIC COMBUSTION CONTROL (ACC) AND FEEDWATER CONTROL SYSTEMS OF THE PROPULSION BOILERS AND IDENTIFY REPAIRS USING MRC C5YU. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-22122-002- -BLR CONT SYS - GROOM/RPR			MJC: EXECQE79		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,800	ManDays: 18	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22122-002) ELECTRONIC AUTOMATIC BOILER CONTROL (E-ABC) SYSTEM REQUIRES GROOMING AND REPAIR.	REPAIR THE BOILER AUTOMATIC COMBUSTION AND FEEDWATER CONTROL SYSTEM IAW APPLICABLE TECHNICAL MANUAL. OBTAIN SERVICES OF A QUALIFIED TECH REP FOR IDENTIFICATION OF REQUIRED REPAIRS AND TROUBLESHOOTING OF SYSTEM.

Task/Abbreviation: I-22131-002- -(M)BLR BLOW MONEL PP -UT INSP**MJC:** EXECM014**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 120**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 9**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2

NSTM CH-221-2.1.2.3 MIP 2210/006, 008, 010, 014 GC:700140,MA:09PD

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-22131-002)NSTM REQUIREMENT DUE

IAW NSTM CH-221 & PMS MIP 2210 MRC 120M-1R, ACCOMPLISH ULTRASONIC TESTING OF THE MONEL BOILER BLOWDOWN PIPING AS FOLLOWS: A. REMOVE LAGGING AND INSULATION AND CLEAN PIPING TO BARE METAL AT AREAS TO BE TESTED. B. OBTAIN FOUR (4) READINGS AT EACH SELECTED AREA, NINETY DEGREES (90 DEGS) APART IN THE FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT TO HANGERS. C. PRESERVE AND RELAG DISTURBED PIPING AREAS. D. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-22131-004- -BLR BLOW VLVS - REPL				MJC: EXECQ045		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: X		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: X		Matl Cost: 225		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-22131-004)VALVE REQUIRES REPLACEMENT				REPLACE DESIGNATED GLOBE VALVES OF THE BOILER SURFACE AND BOTTOM BLOW PIPING PER CONDITION ASSESSMENT RECOMMENDATIONS.					

Task/Abbreviation: I-22132-002- -(M)BLR BLOW MONEL PP -UT INSP				MJC: EXECM015		Rev Date: 2/6/2009					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 120		Equip/Task: 1		Matl Cost: 1,000		ManDays: 9		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
NSTM CH-221-2.1.2.3 MIP 2210/006, 008, 010, 014 GC:700140,MA:09PD											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-22132-002)NSTM REQUIREMENT DUE				IAW NSTM CH-221 & PMS MIP 2210 MRC 120M-1R, ACCOMPLISH ULTRASONIC TESTING OF THE MONEL BOILER BLOWDOWN PIPING AS FOLLOWS: A. REMOVE LAGGING AND INSULATION AND CLEAN PIPING TO BARE METAL AT AREAS TO BE TESTED. B. OBTAIN FOUR (4) READINGS AT EACH SELECTED AREA, NINETY DEGREES (90 DEGS) APART IN THE FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT TO HANGERS. C. PRESERVE AND RELAG DISTURBED PIPING AREAS. D. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.					

Task/Abbreviation: Q-22132-004- -BLR BLOW VLVS - REPL				MJC: EXECQ049		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: X		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: X		Matl Cost: 225		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-22132-004)VALVE REQUIRES REPLACEMENT	REPLACE DESIGNATED GLOBE VALVES OF THE BOILER SURFACE AND BOTTOM BLOW PIPING PER CONDITION ASSESSMENT RECOMMENDATIONS.

Task/Abbreviation: I-23111-001- -HP TURB FLEX CPLG - INSP**MJC:** EXECI062**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-23111-001)THE PROPULSION HP TURBINE
FLEXIBLE COUPLING REQUIRES INSPECTIONDISASSEMBLE, CLEAN AND INSPECT THE PROPULSION HP TURBINE
FLEXIBLE COUPLING. MEASURE AND RECORD BACKLASH AND
CLEARANCES. MATCH MARK, NDT AND MOMENT WEIGHT COUPLING
FASTENERS. INSPECT OIL PASSAGES TO ENSURE UNRESTRICTED
FLOW. ENSURE SATISFACTORY TURBINE TO REDUCTION GEAR
ALIGNMENT IN ACCORDANCE WITH APPLICABLE TECHNICAL
MANUAL. REASSEMBLE COUPLING AND REPLACE MISSING AND/OR
UNSERVICEABLE FASTENERS. REPORT CONDITIONS FOUND TO
THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE
SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO,
BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-23111-002- -LP TURB FLEX CPLG - INSP**MJC:** EXECI063**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-23111-002)THE PROPULSION LP TURBINE
FLEXIBLE COUPLING REQUIRES INSPECTIONDISASSEMBLE, CLEAN AND INSPECT THE PROPULSION LP TURBINE
FLEXIBLE COUPLING. MEASURE AND RECORD BACKLASH AND
CLEARANCES. MATCH MARK, NDT AND MOMENT-WEIGHT COUPLING
FASTENERS. INSPECT OIL PASSAGES TO ENSURE UNRESTRICTED
FLOW. ENSURE SATISFACTORY TURBINE TO REDUCTION GEAR
ALIGNMENT IN ACCORDANCE WITH APPLICABLE TECHNICAL
MANUAL. REASSEMBLE COUPLING AND REPLACE MISSING AND/OR
UNSERVICEABLE FASTENERS. REPORT CONDITIONS FOUND TO THE
NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE
SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO,
BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-23111-003- -PRPLN HP STM TURB - RPR			MJC: EXECQA16		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 13,500	ManDays: 300	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23111-003)TURBINE REQUIRES REPAIR	REPAIR HP TURBINE PER CONDITION ASSESSMENT REPORT. OPEN TURBINE CASING. MEASURE AND RECORD AS FOUND AND POST REPAIR CLEARANCES, RUNOUTS AND ALIGNMENT DATA. REMOVE TURBINE ROTOR, NOZZLE DIAPHRAGM AND NOZZLE PLATE TO SHOP AND BLAST WITH ALUM OXIDE (220 MESH). CLEAN AND INSPECT ALL COMPONENTS AND ACCOMPLISH NDT TESTING. REPORT CONDITIONS FOUND TO THE NSA. A. REPLACE LABYRINTH TYPE PACKING ASSEMBLIES. B. REPLACE OIL DEFLECTORS. C. REBABBITT JOURNAL BEARINGS. D. REBABBITT THRUST BEARINGS. E. REPLACE THRUST COLLARS. F. RE-ESTABLISH BEARING CLEARANCE CONSTANTS. REASSEMBLE USING NEW GASKETS AND REPLACE MISSING/UNSERVICEABLE FASTENERS. DYNAMICALLY BALANCE ROTOR ASSEMBLIES. ACCOMPLISH SATISFACTORY OPERATIONAL TEST AND VIBRATION ANALYSIS SURVEY.

Task/Abbreviation: Q-23111-004- -PRPLN LP STM TURB - RPR			MJC: EXECQA18		Rev Date: 9/1/2011	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 13,500	ManDays: 300	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23111-004)TURBINE REQUIRES REPAIR	REPAIR LP TURBINE PER CONDITION ASSESSMENT REPORT. OPEN TURBINE CASING. MEASURE AND RECORD AS FOUND AND POST REPAIR CLEARANCES, RUNOUTS AND ALIGNMENT DATA. REMOVE TURBINE ROTOR, NOZZLE DIAPHRAGM AND NOZZLE PLATE TO SHOP AND BLAST WITH ALUM OXIDE (220 MESH). CLEAN AND INSPECT ALL COMPONENTS AND ACCOMPLISH NDT TESTING. REPORT CONDITIONS FOUND TO THE NSA. A. REPLACE LABYRINTH TYPE PACKING ASSEMBLIES. B. REPLACE OIL DEFLECTORS. C. REBABBITT JOURNAL BEARINGS. D. REBABBITT THRUST BEARINGS. E. REPLACE THRUST COLLARS. F. RE-ESTABLISH BEARING CLEARANCE CONSTANTS. REASSEMBLE USING NEW GASKETS AND REPLACE MISSING/UNSERVICEABLE FASTENERS. DYNAMICALLY BALANCE ROTOR ASSEMBLIES. ACCOMPLISH SATISFACTORY OPERATIONAL TEST AND VIBRATION ANALYSIS SURVEY.

Task/Abbreviation: Q-23111-005- -INL STM CONT VLV - RPR**MJC:** EXECQA20**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23111-005)CONTROL VALVE ASSEMBLY
REQUIRES REPAIR

ACCOMPLISH REPAIRS TO THE INLET STEAM CONTROL VALVE GEAR ASSEMBLY (LIFTING BEAM TYPE) OF THE HIGH PRESSURE PROPULSION TURBINE PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. REMOVE VALVE COVER OFF TURBINE CASING AND INSTALL PROTECTIVE COVER ON TURBINE CASING. DISASSEMBLE, INSPECT AND NDT VALVE GEAR COMPONENTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. A. REPAIR LIFTING BEAM. B. REPLACE LIFTING BEAM. C. REPLACE SPRINGS. D. RESURFACE AND MACHINE TORQUE SHAFT. E. REPLACE TORQUE SHAFT. F. REPLACE TORQUE SHAFT BEARINGS. G. RESURFACE AND MACHINE VALVES. H. REPLACE VALVES. I. RESURFACE AND MACHINE VALVE SEATS. J. REPLACE VALVE SEATS. K. REPLACE LIFT RODS. L. REPLACE NITRATED LIFT ROD BUSHINGS (UPPER AND LOWER). ENSURE THAT VALVE COVER AND TURBINE CASING JOINTS ARE IN GOOD CONDITION. SET CRACKING POINT ON VALVES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23111-006- -HP TURB BRG - INSP/RPR/REPL**MJC:** EXECQA22**Rev Date:** 9/1/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 675 **ManDays:** 15 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:** **Problem Description:**

BASELINE (Q-23111-006)BEARINGS REQUIRE REPAIR

Recommended Solution:

INSPECT AND REPAIR OR REPLACE THE DESIGNATED BEARINGS OF THE PROPULSION STEAM TURBINE (HP ELEMENT) PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT ALL BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. ACCOMPLISH AS FOUND BEARING PINCH CHECKS. MEASURE AND RECORD OIL DEFLECTOR TO SHAFT CLEARANCES. ENSURE BEARING HOUSINGS CONCENTRICITY TO UNIT CENTERLINE. MEASURE AND RECORD BEARING AND JOURNAL DIMENSIONS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF AUTHORIZED REPAIRS, AS LISTED FROM THE FOLLOWING LIST, ENSURE SATISFACTORY BEARING PINCH AND CLEARANCES AND ASSEMBLE BEARING HOUSINGS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. A. RESURFACE AND MACHINE JOURNAL. B. REBABBITT DESIGNATED JOURNAL BEARINGS. C. REPLACE DESIGNATED JOURNAL BEARINGS. D. REPLACE DESIGNATED OIL DEFLECTORS. E. GRIND THRUST COLLAR. F. REPLACE THRUST COLLAR. G. REPAIR ROTOR POSITION INDICATORS. H. RE-ESTABLISH BEARING CLEARANCE CONSTANTS.

Task/Abbreviation: Q-23111-007- -LP TURB BRG - INSP/RPR/REPL**MJC:** EXECQA24**Rev Date:** 9/1/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 675**ManDays:** 15**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23111-007)BEARINGS REQUIRE REPAIR

INSPECT AND REPAIR OR REPLACE THE DESIGNATED BEARINGS OF THE PROPULSION STEAM TURBINE (LP ELEMENT) PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT ALL BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. ACCOMPLISH AS FOUND BEARING PINCH CHECKS. MEASURE AND RECORD OIL DEFLECTOR TO SHAFT CLEARANCES. ENSURE BEARING HOUSINGS CONCENTRICITY TO UNIT CENTERLINE. MEASURE AND RECORD BEARING AND JOURNAL DIMENSIONS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF AUTHORIZED REPAIRS, AS LISTED FROM THE FOLLOWING LIST, ENSURE SATISFACTORY BEARING PINCH AND CLEARANCES AND ASSEMBLE BEARING HOUSINGS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. A. RESURFACE AND MACHINE JOURNAL. B. REBABBITT DESIGNATED JOURNAL BEARINGS. C. REPLACE DESIGNATED JOURNAL BEARINGS. D. REPLACE DESIGNATED OIL DEFLECTORS. E. GRIND THRUST COLLAR. F. REPLACE THRUST COLLAR. G. REPAIR ROTOR POSITION INDICATORS. H. RE-ESTABLISH BEARING CLEARANCE CONSTANTS.

Task/Abbreviation: I-23111-009- -HP/LP STM TURB UNIT - INSP/TST**MJC:** EXECI301**Rev Date:** 9/1/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-23111-009)THE PROPULSION STEAM TURBINE
UNIT (HP AND LP ELEMENTS) REQUIRES
INSPECTION AND OPERATIONAL TESTINSPECT AND TEST UNDERWAY THE PROPULSION STEAM TURBINE
UNIT (HP AND LP ELEMENTS). REPORT CONDITIONS FOUND TO THE
SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES. B.
OPERATIONAL TEST. C. VIBRATION ANALYSIS SURVEY. D.
ACOUSTIC SURVEY FOR VACUUM LEAKS. E. INFRARED SURVEY OF
TURBINE INSULATION. PROVIDE "AS-FOUND MATERIAL CONDITION"
CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN"
FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-23111-010- -HP TURB ROTOR INDICATOR - RPR			MJC: EXECJAW9		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23111-010)TURBINE ROTOR POSITION INDICATOR REQUIRES REPAIR	REPAIR HP TURBINE ROTOR POSITION INDICATOR AS FOLLOWS: REMOVE INDICATOR FROM TURBINE. CLEAN AND INSPECT. REPLACE ANY PARTS FOUND DEFECTIVE. VERIFY PROPER ROTOR AXIAL POSITION. REINSTALL AND CALIBRATE INDICATOR.

Task/Abbreviation: Q-23111-011- -HP TURB LABYRINTHS - REPL			MJC: EXECJAX0		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23111-011)LABYRINTH REQUIRES REPLACEMENT	REPLACE HP TURBINE LABYRINTH SEALS AS FOLLOWS: DISASSEMBLE, CLEAN AND EXAMINE THE LABYRINTH STEAM SEAL ASSEMBLIES FOR WEAR AND DEFECTS. POLISH THE SHAFT IN WAY OF SEAL REMOVALS. REPLACE WITH NEW LABYRINTH PACKING ASSEMBLIES. REASSEMBLE AND RELAG CASING AND PIPING. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23111-012- -HP TURB OIL DEFLECTORS - REPL				MJC: EXECJAX1		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 500		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-23111-012)OIL DEFLECTOR REQUIRES REPLACEMENT				REPLACE HP TURBINE OIL DEFLECTORS AS FOLLOWS: REMOVE OLD DEFLECTORS. STONE SHAFT IN WAY OF DEFLECTORS. INSTALL NEW OIL DEFLECTORS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-23111-013- -HP TURB THRUST BRG - RPR			MJC: EXECJAX2		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,500	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23111-013)THRUST BEARING REQUIRES REPAIR	REPAIR HP TURBINE THRUST BEARING AS FOLLOWS: REMOVE BEARING COVER. DISASSEMBLE THE THRUST BEARING. INSPECT THRUST COLLAR, SHOES AND PADS. REPAIR/REPLACE PARTS FOUND UNSUITABLE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THRUST BEARING AND SHIM AS NECESSARY TO OBTAIN THRUST CLEARANCE. INSTALL BEARING COVER. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23111-014- -HP TURB JOURNAL BRGS - RPR			MJC: EXECJAX3		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,500	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23111-014)BEARINGS REQUIRE REPAIR	REPAIR HP TURBINE JOURNAL BEARINGS AS FOLLOWS: REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. MEASURE/RECORD OIL DEFLECTOR TO SHAFT CLEARANCES. DISASSEMBLE BEARING. CLEAN AND EXAMINE THE BEARING FOR WEAR OR DEFECTS. REBABBIT/REPAIR BEARINGS THAT ARE OUT OF TOLERANCE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THE BEARING AND REINSTALL. ENSURE OIL PASSAGE TO THE BEARING IS FREE OF DIRT OR DEBRIS. ASSEMBLE BEARING HOUSING. ESTABLISH NEW BEARING CONSTANT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23111-015- -LP TURB ROTOR INDICATOR - RPR				MJC: EXECJAX4		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 500		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-23111-015)TURBINE ROTOR POSITION INDICATOR REQUIRES REPAIR				REPAIR LP TURBINE ROTOR POSITION INDICATOR AS FOLLOWS: REMOVE INDICATOR FROM TURBINE. CLEAN AND INSPECT. REPLACE ANY PARTS FOUND DEFECTIVE. VERIFY PROPER ROTOR AXIAL POSITION. REINSTALL AND CALIBRATE INDICATOR.					

Task/Abbreviation: Q-23111-016- -LP TURB LABYRINTHS - REPL				MJC: EXECJAX5		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 500		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23111-016)LABYRINTH REQUIRES REPLACEMENT	REPLACE LP TURBINE LABYRINTH SEALS AS FOLLOWS: DISASSEMBLE, CLEAN AND EXAMINE THE LABYRINTH STEAM SEAL ASSEMBLIES FOR WEAR AND DEFECTS. POLISH THE SHAFT IN WAY OF SEAL REMOVALS. REPLACE WITH NEW LABYRINTH PACKING ASSEMBLIES. REASSEMBLE AND RELAG CASING AND PIPING. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23111-017- -LP TURB OIL DEFLECTORS - REPL			MJC: EXECJAX6		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23111-017)OIL DEFLECTOR REQUIRES REPLACEMENT	REPLACE LP TURBINE OIL DEFLECTORS AS FOLLOWS: REMOVE OLD DEFLECTORS. STONE SHAFT IN WAY OF DEFLECTORS. INSTALL NEW OIL DEFLECTORS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23111-018- -LP TURB THRUST BRG - RPR			MJC: EXECJAX7		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,500	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23111-018)THRUST BEARING REQUIRES REPAIR	REPAIR LP TURBINE THRUST BEARING AS FOLLOWS: REMOVE BEARING COVER. DISASSEMBLE THE THRUST BEARING. INSPECT THRUST COLLAR, SHOES AND PADS. REPAIR/REPLACE PARTS FOUND UNSUITABLE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THRUST BEARING AND SHIM AS NECESSARY TO OBTAIN THRUST CLEARANCE. INSTALL BEARING COVER. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23111-019- -LP TURB JOURNAL BRGS - RPR			MJC: EXECJAX8		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,500	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23111-019)BEARINGS REQUIRE REPAIR	REPAIR LP TURBINE JOURNAL BEARINGS AS FOLLOWS: REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. MEASURE/RECORD OIL DEFLECTOR TO SHAFT CLEARANCES. DISASSEMBLE BEARING. CLEAN AND EXAMINE THE BEARING FOR WEAR OR DEFECTS. REBABBIT/REPAIR BEARINGS THAT ARE OUT OF TOLERANCE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THE BEARING AND REINSTALL. ENSURE OIL PASSAGE TO THE BEARING IS FREE OF DIRT OR DEBRIS. ASSEMBLE BEARING HOUSING. ESTABLISH NEW BEARING CONSTANT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-23112-001- -HP TURB FLEX CPLG - INSP**MJC:** EXECI363**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-23112-001)THE PROPULSION HP TURBINE
FLEXIBLE COUPLING REQUIRES INSPECTIONDISASSEMBLE, CLEAN AND INSPECT THE PROPULSION HP TURBINE
FLEXIBLE COUPLING. MEASURE AND RECORD BACKLASH AND
CLEARANCES. MATCH MARK, NDT AND MOMENT WEIGHT COUPLING
FASTENERS. INSPECT OIL PASSAGES TO ENSURE UNRESTRICTED
FLOW. ENSURE SATISFACTORY TURBINE TO REDUCTION GEAR
ALIGNMENT IN ACCORDANCE WITH APPLICABLE TECHNICAL
MANUAL. REASSEMBLE COUPLING AND REPLACE MISSING AND/OR
UNSERVICEABLE FASTENERS. REPORT CONDITIONS FOUND TO THE
NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE
SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO,
BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-23112-002- -LP TURB FLEX CPLG - INSP**MJC:** EXECI297**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-23112-002)THE PROPULSION LP TURBINE
FLEXIBLE COUPLING REQUIRES INSPECTIONDISASSEMBLE, CLEAN AND INSPECT THE PROPULSION LP TURBINE
FLEXIBLE COUPLING. MEASURE AND RECORD BACKLASH AND
CLEARANCES. MATCH MARK, NDT AND MOMENT-WEIGHT COUPLING
FASTENERS. INSPECT OIL PASSAGES TO ENSURE UNRESTRICTED
FLOW. ENSURE SATISFACTORY TURBINE TO REDUCTION GEAR
ALIGNMENT IN ACCORDANCE WITH APPLICABLE TECHNICAL
MANUAL. REASSEMBLE COUPLING AND REPLACE MISSING AND/OR
UNSERVICEABLE FASTENERS. REPORT CONDITIONS FOUND TO THE
NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE
SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO,
BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-23112-003- -PRPLN HP STM TURB - RPR**MJC:** EXECQA17**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 13,500**ManDays:** 300**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23112-003)TURBINE REQUIRES REPAIR

REPAIR HP TURBINE PER CONDITION ASSESSMENT REPORT. OPEN TURBINE CASING. MEASURE AND RECORD AS FOUND AND POST REPAIR CLEARANCES, RUNOUTS AND ALIGNMENT DATA. REMOVE TURBINE ROTOR, NOZZLE DIAPHRAGM AND NOZZLE PLATE TO SHOP AND BLAST WITH ALUM OXIDE (220 MESH). CLEAN AND INSPECT ALL COMPONENTS AND ACCOMPLISH NDT TESTING. REPORT CONDITIONS FOUND TO THE NSA. A. REPLACE LABYRINTH TYPE PACKING ASSEMBLIES. B. REPLACE OIL DEFLECTORS. C. REBABBITT JOURNAL BEARINGS. D. REBABBITT THRUST BEARINGS. E. REPLACE THRUST COLLARS. F. RE-ESTABLISH BEARING CLEARANCE CONSTANTS. REASSEMBLE USING NEW GASKETS AND REPLACE MISSING/UNSERVICEABLE FASTENERS. DYNAMICALLY BALANCE ROTOR ASSEMBLIES. ACCOMPLISH SATISFACTORY OPERATIONAL TEST AND VIBRATION ANALYSIS SURVEY.

Task/Abbreviation: Q-23112-004- -PRPLN LP STM TURB - RPR**MJC:** EXECQA19**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 13,500**ManDays:** 300**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23112-004)TURBINE REQUIRES REPAIR

REPAIR LP TURBINE PER CONDITION ASSESSMENT REPORT. OPEN TURBINE CASING. MEASURE AND RECORD AS FOUND AND POST REPAIR CLEARANCES, RUNOUTS AND ALIGNMENT DATA. REMOVE TURBINE ROTOR, NOZZLE DIAPHRAGM AND NOZZLE PLATE TO SHOP AND BLAST WITH ALUM OXIDE (220 MESH). CLEAN AND INSPECT ALL COMPONENTS AND ACCOMPLISH NDT TESTING. REPORT CONDITIONS FOUND TO THE NSA. A. REPLACE LABYRINTH TYPE PACKING ASSEMBLIES. B. REPLACE OIL DEFLECTORS. C. REBABBITT JOURNAL BEARINGS. D. REBABBITT THRUST BEARINGS. E. REPLACE THRUST COLLARS. F. RE-ESTABLISH BEARING CLEARANCE CONSTANTS. REASSEMBLE USING NEW GASKETS AND REPLACE MISSING/UNSERVICEABLE FASTENERS. DYNAMICALLY BALANCE ROTOR ASSEMBLIES. ACCOMPLISH SATISFACTORY OPERATIONAL TEST AND VIBRATION ANALYSIS SURVEY.

Task/Abbreviation: Q-23112-005- -INL STM CONT VLV - RPR**MJC:** EXECQA21**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23112-005)CONTROL VALVE ASSEMBLY
REQUIRES REPAIR

ACCOMPLISH REPAIRS TO THE INLET STEAM CONTROL VALVE GEAR ASSEMBLY (LIFTING BEAM TYPE) OF THE HIGH PRESSURE PROPULSION TURBINE PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. REMOVE VALVE COVER OFF TURBINE CASING AND INSTALL PROTECTIVE COVER ON TURBINE CASING. DISASSEMBLE, INSPECT AND NDT VALVE GEAR COMPONENTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. A. REPAIR LIFTING BEAM. B. REPLACE LIFTING BEAM. C. REPLACE SPRINGS. D. RESURFACE AND MACHINE TORQUE SHAFT. E. REPLACE TORQUE SHAFT. F. REPLACE TORQUE SHAFT BEARINGS. G. RESURFACE AND MACHINE VALVES. H. REPLACE VALVES. I. RESURFACE AND MACHINE VALVE SEATS. J. REPLACE VALVE SEATS. K. REPLACE LIFT RODS. L. REPLACE NITRATED LIFT ROD BUSHINGS (UPPER AND LOWER). ENSURE THAT VALVE COVER AND TURBINE CASING JOINTS ARE IN GOOD CONDITION. SET CRACKING POINT ON VALVES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23112-006- -HP TURB BRG - INSP/RPR/REPL**MJC:** EXECQA23**Rev Date:** 9/1/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 675 **ManDays:** 15 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:** **Problem Description:**

BASELINE (Q-23112-006)BEARINGS REQUIRE REPAIR

Recommended Solution:

INSPECT AND REPAIR OR REPLACE THE DESIGNATED BEARINGS OF THE PROPULSION STEAM TURBINE (HP ELEMENT) PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT ALL BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. ACCOMPLISH AS FOUND BEARING PINCH CHECKS. MEASURE AND RECORD OIL DEFLECTOR TO SHAFT CLEARANCES. ENSURE BEARING HOUSINGS CONCENTRICITY TO UNIT CENTERLINE. MEASURE AND RECORD BEARING AND JOURNAL DIMENSIONS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF AUTHORIZED REPAIRS, AS LISTED FROM THE FOLLOWING LIST, ENSURE SATISFACTORY BEARING PINCH AND CLEARANCES AND ASSEMBLE BEARING HOUSINGS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. A. RESURFACE AND MACHINE JOURNAL. B. REBABBITT DESIGNATED JOURNAL BEARINGS. C. REPLACE DESIGNATED JOURNAL BEARINGS. D. REPLACE DESIGNATED OIL DEFLECTORS. E. GRIND THRUST COLLAR. F. REPLACE THRUST COLLAR. G. REPAIR ROTOR POSITION INDICATORS. H. RE-ESTABLISH BEARING CLEARANCE CONSTANTS.

Task/Abbreviation: Q-23112-007- -LP TURB BRG - INSP/RPR/REPL**MJC:** EXECQA25**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 675**ManDays:** 15**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23112-007)BEARINGS REQUIRE REPAIR

INSPECT AND REPAIR OR REPLACE THE DESIGNATED BEARINGS OF THE PROPULSION STEAM TURBINE (LP ELEMENT) PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT ALL BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. ACCOMPLISH AS FOUND BEARING PINCH CHECKS. MEASURE AND RECORD OIL DEFLECTOR TO SHAFT CLEARANCES. ENSURE BEARING HOUSINGS CONCENTRICITY TO UNIT CENTERLINE. MEASURE AND RECORD BEARING AND JOURNAL DIMENSIONS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF AUTHORIZED REPAIRS, AS LISTED FROM THE FOLLOWING LIST, ENSURE SATISFACTORY BEARING PINCH AND CLEARANCES AND ASSEMBLE BEARING HOUSINGS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. A. RESURFACE AND MACHINE JOURNAL. B. REBABBITT DESIGNATED JOURNAL BEARINGS. C. REPLACE DESIGNATED JOURNAL BEARINGS. D. REPLACE DESIGNATED OIL DEFLECTORS. E. GRIND THRUST COLLAR. F. REPLACE THRUST COLLAR. G. REPAIR ROTOR POSITION INDICATORS. H. RE-ESTABLISH BEARING CLEARANCE CONSTANTS.

Task/Abbreviation: I-23112-009- -HP/LP STM TURB UNIT - INSP/TST**MJC:** EXECI302**Rev Date:** 9/1/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-23112-009)THE PROPULSION STEAM TURBINE
UNIT (HP AND LP ELEMENTS) REQUIRES
INSPECTION AND OPERATIONAL TESTINSPECT AND TEST UNDERWAY THE PROPULSION STEAM TURBINE
UNIT (HP AND LP ELEMENTS). REPORT CONDITIONS FOUND TO THE
SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES. B.
OPERATIONAL TEST. C. VIBRATION ANALYSIS SURVEY. D.
ACOUSTIC SURVEY FOR VACUUM LEAKS. E. INFRARED SURVEY OF
TURBINE INSULATION. PROVIDE "AS-FOUND MATERIAL CONDITION"
CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN"
FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-23112-010- -HP TURB ROTOR INDICATOR - RPR				MJC: EXECJAZ2		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 500		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-23112-010)TURBINE ROTOR POSITION INDICATOR REQUIRES REPAIR				REPAIR HP TURBINE ROTOR POSITION INDICATOR AS FOLLOWS: REMOVE INDICATOR FROM TURBINE. CLEAN AND INSPECT. REPLACE ANY PARTS FOUND DEFECTIVE. VERIFY PROPER ROTOR AXIAL POSITION. REINSTALL AND CALIBRATE INDICATOR.					

Task/Abbreviation: Q-23112-011- -HP TURB LABYRINTHS - REPL				MJC: EXECJAZ3		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 500		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23112-011)LABYRINTH REQUIRES REPLACEMENT	REPLACE HP TURBINE LABYRINTH SEALS AS FOLLOWS: DISASSEMBLE, CLEAN AND EXAMINE THE LABYRINTH STEAM SEAL ASSEMBLIES FOR WEAR AND DEFECTS. POLISH THE SHAFT IN WAY OF SEAL REMOVALS. REPLACE WITH NEW LABYRINTH PACKING ASSEMBLIES. REASSEMBLE AND RELAG CASING AND PIPING. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23112-012- -HP TURB OIL DEFLECTORS - REPL				MJC: EXECJAZ4		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 500		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23112-012)OIL DEFLECTOR REQUIRES REPLACEMENT	REPLACE HP TURBINE OIL DEFLECTORS AS FOLLOWS: REMOVE OLD DEFLECTORS. STONE SHAFT IN WAY OF DEFLECTORS. INSTALL NEW OIL DEFLECTORS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23112-013- -HP TURB THRUST BRG - RPR			MJC: EXECJAZ5		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,500	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23112-013)THRUST BEARING REQUIRES REPAIR	REPAIR HP TURBINE THRUST BEARING AS FOLLOWS: REMOVE BEARING COVER. DISASSEMBLE THE THRUST BEARING. INSPECT THRUST COLLAR, SHOES AND PADS. REPAIR/REPLACE PARTS FOUND UNSUITABLE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THRUST BEARING AND SHIM AS NECESSARY TO OBTAIN THRUST CLEARANCE. INSTALL BEARING COVER. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23112-014- -HP TURB JOURNAL BRGS - RPR			MJC: EXECJAZ6		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,500	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23112-014)BEARINGS REQUIRE REPAIR	REPAIR HP TURBINE JOURNAL BEARINGS AS FOLLOWS: REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. MEASURE/RECORD OIL DEFLECTOR TO SHAFT CLEARANCES. DISASSEMBLE BEARING. CLEAN AND EXAMINE THE BEARING FOR WEAR OR DEFECTS. REBABBIT/REPAIR BEARINGS THAT ARE OUT OF TOLERANCE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THE BEARING AND REINSTALL. ENSURE OIL PASSAGE TO THE BEARING IS FREE OF DIRT OR DEBRIS. ASSEMBLE BEARING HOUSING. ESTABLISH NEW BEARING CONSTANT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23112-015- -LP TURB ROTOR INDICATOR - RPR			MJC: EXECJAZ7		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23112-015)TURBINE ROTOR POSITION INDICATOR REQUIRES REPAIR	REPAIR LP TURBINE ROTOR POSITION INDICATOR AS FOLLOWS: REMOVE INDICATOR FROM TURBINE. CLEAN AND INSPECT. REPLACE ANY PARTS FOUND DEFECTIVE. VERIFY PROPER ROTOR AXIAL POSITION. REINSTALL AND CALIBRATE INDICATOR.

Task/Abbreviation: Q-23112-016- -LP TURB LABYRINTHS - REPL				MJC: EXECJAZ8		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 500		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23112-016)LABYRINTH REQUIRES REPLACEMENT	REPLACE LP TURBINE LABYRINTH SEALS AS FOLLOWS: DISASSEMBLE, CLEAN AND EXAMINE THE LABYRINTH STEAM SEAL ASSEMBLIES FOR WEAR AND DEFECTS. POLISH THE SHAFT IN WAY OF SEAL REMOVALS. REPLACE WITH NEW LABYRINTH PACKING ASSEMBLIES. REASSEMBLE AND RELAG CASING AND PIPING. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23112-017- -LP TURB OIL DEFLECTORS - REPL				MJC: EXECJAZ9		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 500		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23112-017)OIL DEFLECTOR REQUIRES REPLACEMENT	REPLACE LP TURBINE OIL DEFLECTORS AS FOLLOWS: REMOVE OLD DEFLECTORS. STONE SHAFT IN WAY OF DEFLECTORS. INSTALL NEW OIL DEFLECTORS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23112-018- -LP TURB THRUST BRG - RPR			MJC: EXECJB00		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,500	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23112-018)THRUST BEARING REQUIRES REPAIR	REPAIR LP TURBINE THRUST BEARING AS FOLLOWS: REMOVE BEARING COVER. DISASSEMBLE THE THRUST BEARING. INSPECT THRUST COLLAR, SHOES AND PADS. REPAIR/REPLACE PARTS FOUND UNSUITABLE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THRUST BEARING AND SHIM AS NECESSARY TO OBTAIN THRUST CLEARANCE. INSTALL BEARING COVER. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23112-019- -LP TURB JOURNAL BRGS - RPR			MJC: EXECJBA0		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,500	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23112-019)BEARINGS REQUIRE REPAIR	REPAIR LP TURBINE JOURNAL BEARINGS AS FOLLOWS: REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. MEASURE/RECORD OIL DEFLECTOR TO SHAFT CLEARANCES. DISASSEMBLE BEARING. CLEAN AND EXAMINE THE BEARING FOR WEAR OR DEFECTS. REBABBIT/REPAIR BEARINGS THAT ARE OUT OF TOLERANCE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THE BEARING AND REINSTALL. ENSURE OIL PASSAGE TO THE BEARING IS FREE OF DIRT OR DEBRIS. ASSEMBLE BEARING HOUSING. ESTABLISH NEW BEARING CONSTANT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-23411-004- -GT TO RDCN GR CPLG ALIGN -INSP**MJC:** EXECI229**Rev Date:** 7/30/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 500**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-23411-004)GAS TURBINE TO REDUCTION GEAR
COUPLING ALIGNMENT REQUIRE INSPECTION

DISASSEMBLE, CLEAN AND INSPECT THE PROPULSION GAS TURBINE TO REDUCTION GEAR COUPLING. MEASURE AND RECORD BACKLASH AND CLEARANCES. MATCH-MARK, NDT AND INSPECT COUPLING FASTENERS. INSPECT OIL PASSAGES TO ENSURE UNRESTRICTED FLOW. ENSURE SATISFACTORY TURBINE TO REDUCTION GEAR COUPLING ALIGNMENT IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUAL. REASSEMBLE COUPLING AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. NOTE - USE TABLE 7-96 OF TECHNICAL MANUAL S9234-AD-MMO-060/LM2500 FOR ALL GTM TO MRG ALIGNMENT CHECKS. NOTE - NSWCCD-SSES, CODE 9333 POC'S - MATT DRISCOLL, (215)897-7711, BILL ARSENEAU, (215)897-1313 AND PETE DESCAR (215)897-7618 FOR ADDITIONAL INFORMATION ON RESILIENT MOUNT CRITERIA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-23411-005- -GT RESIL MT - REPL**MJC:** EXECQ794**Rev Date:** 11/9/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 240**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 72**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

LHD8

(Q-23411-005)LM2500 PROPULSION GAS TURBINE SHOCK MOUNTS REQUIRE REPLACEMENT.

REPLACE LM2500 MAIN PROPULSION GAS TURBINE SHOCK MOUNTS IAW REQUIREMENTS OF TECH MANUAL S9234-AD-MMO-060/LM2500 AND GGTB NO. 10, REV 4 OR LATER. PROVIDE REPORT OF CONDITIONS FOUND AND SHOCK MOUNTS REPLACED TO SHIP'S CSMP AND WEBLOG. PRIOR TO AND UPON COMPLETION OF SHOCK MOUNT REPLACEMENT, H&J ALIGNMENT CHECKS ARE TO BE PERFORMED TO DOCUMENT THE ALIGNMENT BETWEEN THE GAS TURBINE MODULE AND PROPULSION REDUCTION GEAR. STAMP INSTALLATION DATE OF SHOCK MOUNTS ON DESIGNATED LOCATION. NOTE 1: DEFERRAL OF THIS TASK AND EXTENDING MOUNT LIFE BEYOND 20 YEARS REQUIRES A MAJOR DFS ISSUED BY TYCOM. NOTE 2: CONTACT NSWCCD-SSS PHILA CODE 934 POC KEITH MUMMAW, (215)897-1189 FOR ANY QUESTIONS ON SHOCK MOUNT REPLACEMENT CRITERIA. NOTE 3: COMPLETION OF THIS TASK SATISFIES THE INTENT OF TASK Q-23411-63. REQUEST SURFMEPP TO RESET LAD FOR Q-23411-63 TO COINCIDE WITH THE NEW LAD FOR Q-23411-5. NOTE 4: MODULE SHOCK MOUNTS ARE LONG LEAD TIME ITEMS. A REQUEST FOR PROCUREMENT OF THE MOUNTS SHOULD HAVE BEEN DONE BY TASK Q-23411-63 TWELVE MONTHS PRIOR TO THE DATE THEY WILL BE REQUIRED.

Task/Abbreviation: I-23411-034- -PRPLN GT - PRE AVLBL ASSESS**MJC:** EXECIHB0**Rev Date:** 1/26/2010**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3

RCM CERTIFIED REQUIREMENT JFMM GC:340020,MA:13AQ

Reason:**Problem Description:****Recommended Solution:**

FFG 7 CLASS

(I-23411-034)MAIN PROPULSION GAS TURBINE
NEEDS ASSESSMENTACCOMPLISH A PRE-AVAILABILITY ASSESSMENT OF THE MAIN
PROPULSION GAS TURBINE IN ACCORDANCE WITH OPNAVINST
9220.3 AND JOINT FLEET MAINTENANCE MANUAL USING THE
"MARINE GAS TURBINE ENGINE" CHECKSHEETS CONTAINED IN THE
LATEST REVISION OF GENERAL GAS TURBINE BULLETIN NO. 11.
ASSESSMENT TO BE PERFORMED BY NEC 4136 CERTIFIED MARINE
GAS TURBINE INSPECTOR (MGTI). SHIPS FORCE TO ASSIST MGTI AS
REQUIRED TO COMPLETE ASSESSMENT. INSPECTION TO BE DONE
120-180 DAYS PRIOR TO THE PLANNED DEPOT LEVEL AVAILABILITY
TO IDENTIFY MAINTENANCE/REPAIR REQUIREMENTS IF SHIP'S
DEPLOYMENT SCHEDULE PERMITS. OTHERWISE, ACCOMPLISH IN
TIME TO SUPPORT AVAILABILITY WORK PACKAGE DEVELOPMENT.
REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: I-23411-035- -PRPLN GT - PRE DEPLOY ASSESS**MJC:** EXECIHJ1**Rev Date:** 4/4/2008**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 24**Equip/Task:** 1**Matl Cost:****ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3

RCM CERTIFIED REQUIREMENT JFMM GC:340020,MA:13VF

Reason:**Problem Description:****Recommended Solution:**

FFG 7 CLASS

(I-23411-035)MAIN PROPULSION GAS TURBINE
NEEDS ASSESSMENTACCOMPLISH A PRE-DEPLOYMENT ASSESSMENT OF THE MAIN
PROPULSION GAS TURBINE IAW OPNAVINST 9220.3 AND JOINT
FLEET MAINTENANCE MANUAL USING THE "MARINE GAS TURBINE
ENGINE" CHECKSHEETS CONTAINED IN THE LATEST REVISION OF
GENERAL GAS TURBINE BULLETIN NO. 11. ASSESSMENT TO BE
PERFORMED BY NEC 4136 CERTIFIED MARINE GAS TURBINE
INSPECTOR (MGTI). SHIPS FORCE TO ASSIST MGTI AS REQUIRED
TO COMPLETE ASSESSMENT. INSPECTION REQUIRED DURING THE
3RD CMAV PRIOR TO DEPLOYMENT PER COMNAVSURFOR SAN
DIEGO CA MSG 210224Z JUN 07 OR NLT D-180 IF 3 CMAVS ARE NOT
SCHEDULED PRIOR TO DEPLOYMENT. REPORT CONDITIONS FOUND
TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE
IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD
(2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-23411-063- -LM2500 GT RESIL MT-PROCURE			MJC: EXECQEL3		Rev Date: 6/1/2010
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 228	Equip/Task: 1	Matl Cost: 10,250	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23411-063)REPLACEMENT SHOCK MOUNTS FOR THE LM2500 MAIN PROPULSION GAS TURBINE MODULE ARE LONG LEAD TIME ITEMS AND NEED TO BE PROCURED AT LEAST 12 MONTHS PRIOR TO PLANNED REPLACEMENT.	IDENTIFY AND PROCURE REPLACEMENT SHOCK MOUNTS FOR THE LM2500 MAIN PROPULSION GAS TURBINE MODULE. NOTE 1: MODULE SHOCK MOUNTS ARE LONG LEAD TIME ITEMS. REQUEST FOR PROCUREMENT OF THE MOUNTS IS TO BE DONE TWELVE MONTHS PRIOR TO THE DATE THEY WILL BE REQUIRED. NOTE 2: THE REPLACEMENT SHOCK MOUNTS WILL BE INSTALLED BY ICMP TASK Q-23411-5. NOTE 3: ADDITIONAL INFORMATION ON THE SHOCK MOUNTS AND REPLACEMENT CRITERIA CAN BE OBTAINED FROM TECHNICAL MANUAL S9234-AD-MMO-060/LM2500 AND GENERAL GAS TURBINE BULLETIN (GGTB) NO. 10, REVISION 4 OR LATER. NOTE 4: CONTACT NSWCCD-SSES PHILA CODE 934 POC KEITH MUMMAW, (215)897-1189 FOR ANY QUESTIONS ON SHOCK MOUNT REPLACEMENT CRITERIA.

Task/Abbreviation: I-23412-004- -GT TO RDCN GR CPLG ALIGN -INSP**MJC:** EXECI230**Rev Date:** 9/16/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 500**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-23412-004)GAS TURBINE TO REDUCTION GEAR
COUPLING ALIGNMENT REQUIRES INSPECTIONDISASSEMBLE, CLEAN AND INSPECT THE PROPULSION GAS
TURBINE TO REDUCTION GEAR COUPLING. MEASURE AND RECORD
BACKLASH AND CLEARANCES. MATCH-MARK, NDT AND INSPECT
COUPLING FASTENERS. INSPECT OIL PASSAGES TO ENSURE
UNRESTRICTED FLOW. ENSURE SATISFACTORY TURBINE TO
REDUCTION GEAR COUPLING ALIGNMENT IN ACCORDANCE WITH
THE APPLICABLE TECHNICAL MANUAL. REASSEMBLE COUPLING
AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS.
REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. NOTE - USE
TABLE 7-96 OF TECHNICAL MANUAL S9234-AD-MMO-060/LM2500 FOR
ALL GTM TO MRG ALIGNMENT CHECKS. NOTE - NSWCCD-SSSES,
CODE 9333 POC'S - MATT DRISCOLL, (215)897-7711, BILL ARSENEAU,
(215)897-1313 AND PETE DESCAR (215)897-7618 FOR ADDITIONAL
INFORMATION ON RESILIENT MOUNT CRITERIA. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: Q-23412-005- -GT RESIL MT - REPL**MJC:** EXECQ795**Rev Date:** 11/9/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 240**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 72**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

LHD8

(Q-23412-005)LM2500 PROPULSION GAS TURBINE SHOCK MOUNTS REQUIRE REPLACEMENT.

REPLACE LM2500 MAIN PROPULSION GAS TURBINE SHOCK MOUNTS IAW REQUIREMENTS OF TECH MANUAL S9234-AD-MMO-060/LM2500 AND GGTB NO. 10, REV 4 OR LATER. PROVIDE REPORT OF CONDITIONS FOUND AND SHOCK MOUNTS REPLACED TO SHIP'S CSMP AND WEBLOG. PRIOR TO AND UPON COMPLETION OF SHOCK MOUNT REPLACEMENT, H&J ALIGNMENT CHECKS ARE TO BE PERFORMED TO DOCUMENT THE ALIGNMENT BETWEEN THE GAS TURBINE MODULE AND PROPULSION REDUCTION GEAR. STAMP INSTALLATION DATE OF SHOCK MOUNTS ON DESIGNATED LOCATION. NOTE 1: DEFERRAL OF THIS TASK AND EXTENDING MOUNT LIFE BEYOND 20 YEARS REQUIRES A MAJOR DFS ISSUED BY TYCOM. NOTE 2: CONTACT NSWCCD-SSS PHILA CODE 934 POC KEITH MUMMAW, (215)897-1189 FOR ANY QUESTIONS ON SHOCK MOUNT REPLACEMENT CRITERIA. NOTE 3: COMPLETION OF THIS TASK SATISFIES THE INTENT OF TASK Q-23412-60. REQUEST SURFMEPP TO RESET LAD FOR Q-23412-60 TO COINCIDE WITH THE NEW LAD FOR Q-23412-5. NOTE 4: MODULE SHOCK MOUNTS ARE LONG LEAD TIME ITEMS. A REQUEST FOR PROCUREMENT OF THE MOUNTS SHOULD HAVE BEEN DONE BY TASK Q-23412-60 TWELVE MONTHS PRIOR TO THE DATE THEY WILL BE REQUIRED.

Task/Abbreviation: I-23412-033- -PRPLN GT - PRE AVLBL ASSESS**MJC:** EXECIHB1**Rev Date:** 1/26/2010**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3

RCM CERTIFIED REQUIREMENT JFMM GC:340020,MA:13AQ

Reason:**Problem Description:****Recommended Solution:**

FFG 7 CLASS

(I-23412-033)MAIN PROPULSION GAS TURBINE
NEEDS ASSESSMENTACCOMPLISH A PRE-AVAILABILITY ASSESSMENT OF THE MAIN
PROPULSION GAS TURBINE IN ACCORDANCE WITH OPNAVINST
9220.3 AND JOINT FLEET MAINTENANCE MANUAL USING THE
"MARINE GAS TURBINE ENGINE" CHECKSHEETS CONTAINED IN THE
LATEST REVISION OF GENERAL GAS TURBINE BULLETIN NO. 11.
ASSESSMENT TO BE PERFORMED BY NEC 4136 CERTIFIED MARINE
GAS TURBINE INSPECTOR (MGTI). SHIPS FORCE TO ASSIST MGTI AS
REQUIRED TO COMPLETE ASSESSMENT. INSPECTION TO BE DONE
120-180 DAYS PRIOR TO THE PLANNED DEPOT LEVEL AVAILABILITY
TO IDENTIFY MAINTENANCE/REPAIR REQUIREMENTS IF SHIP'S
DEPLOYMENT SCHEDULE PERMITS. OTHERWISE, ACCOMPLISH IN
TIME TO SUPPORT AVAILABILITY WORK PACKAGE DEVELOPMENT.
REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: I-23412-034- -PRPLN GT - PRE DEPLOY ASSESS				MJC: EXECIHJ2		Rev Date: 4/4/2008					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
RCM CERTIFIED REQUIREMENT JFMM GC:340020,MA:13VF											
Reason:		Problem Description:				Recommended Solution:					
FFG 7 CLASS		(I-23412-034)MAIN PROPULSION GAS TURBINE NEEDS ASSESSMENT				ACCOMPLISH A PRE-DEPLOYMENT ASSESSMENT OF THE MAIN PROPULSION GAS TURBINE IAW OPNAVINST 9220.3 AND JOINT FLEET MAINTENANCE MANUAL USING THE "MARINE GAS TURBINE ENGINE" CHECKSHEETS CONTAINED IN THE LATEST REVISION OF GENERAL GAS TURBINE BULLETIN NO. 11. ASSESSMENT TO BE PERFORMED BY NEC 4136 CERTIFIED MARINE GAS TURBINE INSPECTOR (MGTI). SHIPS FORCE TO ASSIST MGTI AS REQUIRED TO COMPLETE ASSESSMENT. INSPECTION REQUIRED DURING THE 3RD CMAV PRIOR TO DEPLOYMENT PER COMNAVSURFOR SAN DIEGO CA MSG 210224Z JUN 07 OR NLT D-180 IF 3 CMAVS ARE NOT SCHEDULED PRIOR TO DEPLOYMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.					

Task/Abbreviation: Q-23412-060- -LM2500 GT RESIL MT-PROCURE			MJC: EXECQEL8		Rev Date: 6/1/2010
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 228	Equip/Task: 1	Matl Cost: 10,250	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23412-060)REPLACEMENT SHOCK MOUNTS FOR THE LM2500 MAIN PROPULSION GAS TURBINE MODULE ARE LONG LEAD TIME ITEMS AND NEED TO BE PROCURED AT LEAST 12 MONTHS PRIOR TO PLANNED REPLACEMENT.	IDENTIFY AND PROCURE REPLACEMENT SHOCK MOUNTS FOR THE LM2500 MAIN PROPULSION GAS TURBINE MODULE. NOTE 1: MODULE SHOCK MOUNTS ARE LONG LEAD TIME ITEMS. REQUEST FOR PROCUREMENT OF THE MOUNTS IS TO BE DONE TWELVE MONTHS PRIOR TO THE DATE THEY WILL BE REQUIRED. NOTE 2: THE REPLACEMENT SHOCK MOUNTS WILL BE INSTALLED BY ICMP TASK Q-23412-5. NOTE 3: ADDITIONAL INFORMATION ON THE SHOCK MOUNTS AND REPLACEMENT CRITERIA CAN BE OBTAINED FROM TECHNICAL MANUAL S9234-AD-MMO-060/LM2500 AND GENERAL GAS TURBINE BULLETIN (GGTB) NO. 10, REVISION 4 OR LATER. NOTE 4: CONTACT NSWCCD-SSES PHILA CODE 934 POC KEITH MUMMAW, (215)897-1189 FOR ANY QUESTIONS ON SHOCK MOUNT REPLACEMENT CRITERIA.

Task/Abbreviation: I-23711-033- -APS - INSPECT**MJC:** EXECIHO7**Rev Date:** 2/22/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-23711-033) APS REQUIRES INSPECTION.

INSPECT AND TEST THE UNITS (ISOLATION TRANSFORMER, VARIABLE SPEED DRIVE CABINET, MAIN DRIVE MOTOR) THAT COMPRISE THE AUXILIARY PROPULSION SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. VIBRATION ANALYSIS SURVEY. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-23711-034- -APS MOT - RWND			MJC: EXECQDA5		Rev Date: 2/22/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 30,720	ManDays: 460	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-23711-034) APS MOTOR REQUIRES REWINDING	REWIND THE AUXILIARY PROPULSION SYSTEM ELECTRIC MOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: Q-23711-035- -APS MOT - RPR				MJC: EXECQDA6		Rev Date: 2/22/2008	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2		Removal Required:
Lvl of Maint: 1		Freq: 0	Equip/Task: 1	Matl Cost: 3,840	ManDays: 300	Alt No:	
Referenced Authority:			Repair Pool:		MCC: 3		
Reason:		Problem Description:			Recommended Solution:		
BASELINE		(Q-23711-035) APS MOTOR REQUIRES RECONDITIONING.			RECONDITION THE AUXILIARY PROPULSION SYSTEM ELECTRIC MOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.		

Task/Abbreviation: Q-23711-036- -APS MOT BRG - REPL			MJC: EXECQDA7		Rev Date: 2/22/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 14,800	ManDays: 60	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23711-036) APS MOTOR BEARINGS REQUIRE REPLACEMENT.	DISASSEMBLE THE AUXILIARY PROPULSION SYSTEM ELECTRIC MOTOR. REPLACE BEARINGS. REASSEMBLE AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23711-037- -APS MOTOR HT EXCHR- RPR**MJC:** EXECQDG5**Rev Date:** 3/21/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 675**ManDays:** 15**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23711-037)HEAT EXCHANGER REQUIRES REPAIR.

DISASSEMBLE THE APS MOTOR HEAT EXCHANGER . CLEAN AND HYDROSTATICALLY-TEST SHELL AND TUBE SIDES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, FASTENERS, ZINCS AND O- RINGS (AS APPLICABLE). REINSTALL HEAT EXCHANGER. PROVE SATISFACTORY OPERATION. A. RE-ROLL DESIGNATED TUBES. B. REPLACE DESIGNATED TUBES. C. REPAIR DESIGNATED TUBES. D. PLUG DESIGNATED TUBES. E. INSTALL TUBE INSERTS. F. REPAIR TUBE SHEETS. G. REPAIR HEADS. H. ACCOMPLISH STRUCTURAL REPAIRS TO SHELL AND/OR WATERBOXES. I. RECOAT WATERBOXES J. REMOVE HEAT EXCHANGER TO SHOP FOR REPAIRS.

Task/Abbreviation: Q-23711-038- -ISLN XFMR HT EXCHR- RPR			MJC: EXECQDG6		Rev Date: 3/21/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23711-038)HEAT EXCHANGER REQUIRES REPAIR.	DISASSEMBLE THE ISOLATION TRANSFORMER HEAT EXCHANGER . CLEAN AND HYDROSTATICALLY-TEST SHELL AND TUBE SIDES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, FASTENERS, ZINCS AND O-RINGS (AS APPLICABLE). REINSTALL HEAT EXCHANGER. PROVE SATISFACTORY OPERATION. A. RE-ROLL DESIGNATED TUBES. B. REPLACE DESIGNATED TUBES. C. REPAIR DESIGNATED TUBES. D. PLUG DESIGNATED TUBES. E. INSTALL TUBE INSERTS. F. REPAIR TUBE SHEETS. G. REPAIR HEADS. H. ACCOMPLISH STRUCTURAL REPAIRS TO SHELL AND/OR WATERBOXES. I. RECOAT WATERBOXES J. REMOVE HEAT EXCHANGER TO SHOP FOR REPAIRS.

Task/Abbreviation: Q-23711-039- -VSD CABINET PLATE HE - RPR				MJC: EXECQDH2		Rev Date: 3/25/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,000		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23711-039) VSD CABINET PLATE HEAT EXCHANGER REQUIRES REPAIR.	DISASSEMBLE THE VSD CABINET PLATE HEAT EXCHANGER. CLEAN SHELL AND PLATE SIDES. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, FASTENERS, ZINCS AND SEALS (AS APPLICABLE). REINSTALL HEAT EXCHANGER. PROVE SATISFACTORY OPERATION. A. WELD REPAIR DESIGNATED PLATES. B. REPLACE DESIGNATED PLATES. C. COAT/REPAIR PLATE SHEETS AS APPLICABLE. D. REPAIR PLATE HEADS. E. ACCOMPLISH STRUCTURAL REPAIRS TO SHELL AND/OR HEADS.

Task/Abbreviation: I-24111-001- -PRPLN RDCN GR - INSP**MJC:** EXECI296**Rev Date:** 7/26/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 800**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-24111-001)THE PROPULSION REDUCTION GEAR
UNIT REQUIRES INSPECTION

ACCOMPLISH A PRE-AVAILABILITY VIBRATION ANALYSIS SURVEY OF THE PROPULSION REDUCTION GEAR UNIT. REMOVE THE OIL, CLEAN AND GAS-FREE THE SUMP. ACCOMPLISH A VISUAL INTERNAL INSPECTION OF THE SUMP. RECORD ANY FOUNDATION INDICATIONS OR DISCONTINUITIES NOTED. FILL SUMP WITH LUBE OIL AND ACCOMPLISH A VISUAL EXAMINATION OF THE GEAR TEETH. IF MISALIGNMENT IS INDICATED, CONDUCT AN OPERATIONAL INSPECTION USING THE DYKEM APPLICATION METHOD. SUBMIT A REPORT OF CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH A NON-DESTRUCTIVE TEST IF STRUCTURAL MEMBER WELDING DISCONTINUITIES ARE SUSPECTED OR NOTED. REFILL WITH OIL. NOTES: 1. SHIP'S FORCE TO EMPTY, CLEAN AND REFILL SUMP. 2. RMC TO SUPPLY HISTORICAL VIBRATION DATA. 3. RMC TO INSPECT GEAR TEETH CONTACT (VISUAL AND DYKEM METHOD). 4. TO INCLUDE VISUAL INSPECTION OF RESILIENT MOUNTS, IF INSTALLED. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-24111-004- -PRPLN RDCN GR - RPR**MJC:** EXECQ077**Rev Date:** 2/23/2009**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 6,900 **ManDays:** 56 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:** **Problem Description:**
BASELINE (Q-24111-004)REDUCTION GEAR REQUIRES REPAIR**Recommended Solution:**
REMOVE THE UPPER-HALF COVERS OF THE PROPULSION REDUCTION GEAR FOR EXAMINATION. ACCOMPLISH GEAR TEETH BLUE CONTACT CHECK. CLEAN LUBE OIL SUMP. MEASURE OIL DEFLECTOR, JOURNAL AND THRUST BEARING CLEARANCES. SUBMIT A REPORT OF CONDITIONS FOUND TO THE NSA. ACCOMPLISH REPAIRS AS DESIGNATED. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL FOR REPAIRS. ON COMPLETION OF REPAIRS, REINSTALL COMPONENTS AND REPLACE UNSERVICEABLE FASTENERS. REFILL LUBE OIL SUMP. PROVIDE FINAL ALIGN DATA AND ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE 1. FOLLOW PHYSICAL SECURITY REQUIREMENTS AS NOTED IN NSTM CHAPTER 241. 2. PROVIDE THE SERVICES OF A MANUFACTURERS TECHNICAL REPRESENTATIVE.**Reason:** **Problem Description:**
SBATH DDG51 MTC (Q-24111-004)REDUCTION GEAR REQUIRES REPAIR**Recommended Solution:**
REMOVE THE UPPER-HALF COVERS OF THE PRPLN RED GEAR FOR EXAMINATION. ACCOMPLISH GEAR TEETH BLUE CONTACT CHECK. REPORT CONDITIONS FOUND TO THE NSA. ON COMPL OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST AS APPLICABLE. REINSTALL COMPONENTS AND REPL UNSERVICEABLE FASTENERS. PROVIDE FINAL ALIGN DATA AND ACCOMPLISH SAT OP TEST. A. VERIFY INTERNAL ALIGNMENT. B. NOTE CONDITION, MEASURE AND RECORD DIMENSIONS AND CLEARANCES OF OIL DEFLECTORS, JOURNALS AND BEARINGS. C. STONE AND POLISH GEAR TEETH. D. REBABBITT DESIGNATED JOURNAL BEARINGS. E. REPLACE DESIGNATED JOURNAL BEARINGS. F. RESURFACE AND MACHINE DESIGNATED JOURNALS. G. ACCOMPLISH INTERNAL ALIGNMENT. H. REPLACE DESIGNATED OIL DEFLECTORS. I. REPLACE DESIGNATED SEALS. J. GRIND THRUST COLLAR. K. REPLACE THRUST COLLAR. L. RE-ESTABLISH BEARING CLEARANCE CONSTANTS.

Task/Abbreviation: Q-24111-006- -ATCHD TURN GR - INSP/RPR/TST			MJC: EXECQ286		Rev Date: 12/11/2002
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24111-006)ATTACHED TURNING GEAR REQUIRES REPAIR	DISASSEMBLE AND INSPECT THE ATTACHED TURNING GEAR OF THE PROPULSION REDUCTION GEAR. MEASURE AND RECORD AS-FOUND DIMENSIONS, CLEARANCES AND RUNOUTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE THE UNIT USING NEW GASKETS, KEYS AND SEALS. MEASURE AND RECORD POST-REPAIR DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMP A SATISFACTORY OPERATIONAL TEST. A. REPLACE DRIVING RING. B. REPLACE WORM GEAR, 1ST REDUCTION. C. REPLACE WORM, 1ST REDUCTION. D. REPLACE BEARING(S), 1ST REDUCTION WORM SHAFT. E. REPLACE WORM GEAR, 2ND REDUCTION. F. REPLACE WORM, 2ND REDUCTION. G. REPLACE BEARING(S), 2ND REDUCTION WORM SHAFT. H. RESURFACE AND MACHINE WORM SHAFT, 1ST REDUCTION. I. RESURFACE AND MACHINE WORM SHAFT, 2ND REDUCTION.

Task/Abbreviation: Q-24111-007- -PRPLN RDCN GR - OIL FLUSH				MJC: EXECQ493		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24111-007)PROPULSION REDUCTION GEAR REQUIRES OIL FLUSH	ACCOMPLISH AN OIL FLUSH OF THE PROPULSION REDUCTION GEAR AFTER DISCONNECTING, CLEANING AND PICKLING THE EXTERNAL LUBE OIL PIPING, INCLUDING THE OIL SPRAY NOZZLES. ENSURE THAT OIL SUMP IS CLEAN AND FREE FROM FOREIGN MATTER. REASSEMBLE ALL BEARINGS, BEARING HOUSINGS AND UPPER-HALF COVERS. USE A FULL-CAPACITY OIL PUMP AND BY-PASS BEARINGS. FLUSH THROUGH ONE BEARING OUTLET AT A TIME ENSURING MAXIMUM FLOW AND PRESSURE DROP AND UNTIL OIL CONDITION PROVES TO BE FREE FROM FOREIGN MATTER. CLEAN LUBE OIL SUMP (POST-FLUSHING). FLUSH THROUGH INSTALLED FILTER SYSTEM UNTIL VISUAL AND DELTA PRESSURE READINGS ARE ACCEPTABLE. ENSURE THAT NO FOREIGN MATTER IS PRESENT WITHIN SYSTEM BEFORE LOADING UNIT.

Task/Abbreviation: Q-24111-034- -MRG THRUST BRG - RPR**MJC:** EXECJAX9**Rev Date:** 5/12/2005**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 4,100**ManDays:** 27**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-24111-034)THRUST BEARING REQUIRES REPAIR

REPAIR THE PROPULSION REDUCTION GEAR MAIN THRUST BEARING ASSEMBLY. REMOVE UPPER BEARING HOUSING COVER. ACCOMPLISH AS-FOUND THRUST BEARING ASSEMBLY DIMENSIONS AND CLEARANCES. REPORT CONDITIONS FOUND TO THE NSA. DISASSEMBLE THE BEARING IN ACCORDANCE WITH THE APPLICABLE TECH MANUAL AND ACCOMPLISH THE FOLLOWING: REFINISH THRUST COLLAR IF DAMAGED. REPLACE THRUST BEARING SHOES IF NOT WITHIN SPECS. GRIND THRUST BEARING RETAINING RINGS AS REQUIRED. ON COMPLETION OF REPAIRS AND REASSEMBLY, ENSURE SATISFACTORY THRUST BEARING CLEARANCE. REINSTALL BEARING COVER ENSURING THAT ALL BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. OPERATIONALLY TEST.

Task/Abbreviation: Q-24111-035- -MN THRUST BRG OIL LEAK - RPR			MJC: EXECJAY0		Rev Date: 5/16/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24111-035)REDUCTION GEAR MAIN THRUST BEARING REQUIRES REPAIR	REPAIR REDUCTION GEAR MAIN THRUST BEARING OIL LEAK. REMOVE UPPER BEARING HOUSING COVER. REMOVE OIL SEAL ASSEMBLY. CLEAN PARTS EXPOSED BY REMOVALS. INSTALL NEW OIL SEAL ASSEMBLY. REINSTALL BEARING COVER. OPERATIONALLY TEST.

Task/Abbreviation: I-24111-037- -MAIN RDCN GEARS - MRC G1T6			MJC: EXECICZ2		Rev Date: 12/7/2006
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-24111-037)THE MAIN REDUCTION GEARS REQUIRES ASSESSMENT.	ACCOMPLISH THE MAIN REDUCTION GEARS ASSESSMENT IN ACCORDANCE WITH MRC G1T6 AS FOLLOWS: 1. INSPECT REDUCTION GEAR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-24111-040- -MAIN RDCN GEARS - MRC G1T9			MJC: EXECIE27		Rev Date: 8/30/2007					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 2	Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-24111-040)THE MAIN REDUCTION GEARS REQUIRES ASSESSMENT.	ACCOMPLISH THE MAIN REDUCTION GEARS ASSESSMENT IN ACCORDANCE WITH MRC G1T9 AS FOLLOWS: 1. INSPECT NUMBER ONE MAIN REDUCTION GEAR(MRG). 2. INSPECT NUMBER TWO MAIN REDUCTION GEAR(MRG). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-24112-001- -PRPLN RDCN GR - INSP**MJC:** EXECI333**Rev Date:** 7/30/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 800**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-24112-001)THE PROPULSION REDUCTION GEAR
UNIT REQUIRES INSPECTION

ACCOMPLISH A PRE-AVAILABILITY VIBRATION ANALYSIS SURVEY OF THE PROPULSION REDUCTION GEAR UNIT. REMOVE THE OIL, CLEAN AND GAS-FREE THE SUMP. ACCOMPLISH A VISUAL INTERNAL INSPECTION OF THE SUMP. RECORD ANY FOUNDATION INDICATIONS OR DISCONTINUITIES NOTED. FILL SUMP WITH LUBE OIL AND ACCOMPLISH A VISUAL EXAMINATION OF THE GEAR TEETH. IF MISALIGNMENT IS INDICATED, CONDUCT AN OPERATIONAL INSPECTION USING THE DYKEM APPLICATION METHOD. SUBMIT A REPORT OF CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH A NON-DESTRUCTIVE TEST IF STRUCTURAL MEMBER WELDING DISCONTINUITIES ARE SUSPECTED OR NOTED. REFILL WITH OIL. NOTES: 1. SHIP'S FORCE TO EMPTY, CLEAN AND REFILL SUMP. 2. RMC TO SUPPLY HISTORICAL VIBRATION DATA. 3. RMC TO INSPECT GEAR TEETH CONTACT (VISUAL AND DYKEM METHOD). 4. TO INCLUDE VISUAL INSPECTION OF RESILIENT MOUNTS, IF INSTALLED. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-24112-004- -PRPLN RDCN GR - RPR

MJC: EXECQ080

Rev Date: 2/23/2009

RCM Analysis: Scheduled: N Sit Reqs:

Qty: 2

Removal Required:

Lvl of Maint: 1 Freq: 0 Equip/Task: 1 Matl Cost: 6,900 ManDays: 56 Alt No:

Referenced Authority: Repair Pool: MCC: 3

Reason: Problem Description:
 BASELINE (Q-24112-004)REDUCTION GEAR REQUIRES REPAIR

Recommended Solution:
 REMOVE THE UPPER-HALF COVERS OF THE PROPULSION REDUCTION GEAR FOR EXAMINATION. ACCOMPLISH GEAR TEETH BLUE CONTACT CHECK. CLEAN LUBE OIL SUMP. MEASURE OIL DEFLECTOR, JOURNAL AND THRUST BEARING CLEARANCES. SUBMIT A REPORT OF CONDITIONS FOUND TO THE NSA. ACCOMPLISH REPAIRS AS DESIGNATED. PROVIDE _____ MANDAYS AND _____ DOLLARS OF MATERIAL FOR REPAIRS. ON COMPLETION OF REPAIRS, REINSTALL COMPONENTS AND REPLACE UNSERVICEABLE FASTENERS. REFILL LUBE OIL SUMP. PROVIDE FINAL ALIGN DATA AND ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE 1. FOLLOW PHYSICAL SECURITY REQUIREMENTS AS NOTED IN NSTM CHAPTER 241. 2. PROVIDE THE SERVICES OF A MANUFACTURERS TECHNICAL REPRESENTATIVE.

Reason: Problem Description:
 SBATH DDG51 MTC (Q-24112-004)REDUCTION GEAR REQUIRES REPAIR

Recommended Solution:
 REMOVE THE UPPER-HALF COVERS OF THE PRPLN RED GEAR FOR EXAMINATION. ACCOMPLISH GEAR TEETH BLUE CONTACT CHECK. REPORT CONDITIONS FOUND TO THE NSA. ON COMPL OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST AS APPLICABLE. REINSTALL COMPONENTS AND REPL UNSERVICEABLE FASTENERS. PROVIDE FINAL ALIGN DATA AND ACCOMPLISH SAT OP TEST. A. VERIFY INTERNAL ALIGNMENT. B. NOTE CONDITION, MEASURE AND RECORD DIMENSIONS AND CLEARANCES OF OIL DEFLECTORS, JOURNALS AND BEARINGS. C. STONE AND POLISH GEAR TEETH. D. REBABBITT DESIGNATED JOURNAL BEARINGS. E. REPLACE DESIGNATED JOURNAL BEARINGS. F. RESURFACE AND MACHINE DESIGNATED JOURNALS. G. ACCOMPLISH INTERNAL ALIGNMENT. H. REPLACE DESIGNATED OIL DEFLECTORS. I. REPLACE DESIGNATED SEALS. J. GRIND THRUST COLLAR. K. REPLACE THRUST COLLAR. L. RE-ESTABLISH BEARING CLEARANCE CONSTANTS.

Task/Abbreviation: Q-24112-006- -ATCHD TURN GR - INSP/RPR/TST**MJC:** EXECQ287**Rev Date:** 12/11/2002**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 360**ManDays:** 8**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-24112-006)ATTACHED TURNING GEAR REQUIRES REPAIR

DISASSEMBLE AND INSPECT THE ATTACHED TURNING GEAR OF THE PROPULSION REDUCTION GEAR. MEASURE AND RECORD AS-FOUND DIMENSIONS, CLEARANCES AND RUNOUTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE THE UNIT USING NEW GASKETS, KEYS AND SEALS. MEASURE AND RECORD POST-REPAIR DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMP A SATISFACTORY OPERATIONAL TEST. A. REPLACE DRIVING RING. B. REPLACE WORM GEAR, 1ST REDUCTION. C. REPLACE WORM, 1ST REDUCTION. D. REPLACE BEARING(S), 1ST REDUCTION WORM SHAFT. E. REPLACE WORM GEAR, 2ND REDUCTION. F. REPLACE WORM, 2ND REDUCTION. G. REPLACE BEARING(S), 2ND REDUCTION WORM SHAFT. H. RESURFACE AND MACHINE WORM SHAFT, 1ST REDUCTION. I. RESURFACE AND MACHINE WORM SHAFT, 2ND REDUCTION.

Task/Abbreviation: Q-24112-007- -PRPLN RDCN GR - OIL FLUSH				MJC: EXECQ494		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24112-007)PROPULSION REDUCTION GEAR REQUIRES OIL FLUSH	ACCOMPLISH AN OIL FLUSH OF THE PROPULSION REDUCTION GEAR AFTER DISCONNECTING, CLEANING AND PICKLING THE EXTERNAL LUBE OIL PIPING, INCLUDING THE OIL SPRAY NOZZLES. ENSURE THAT OIL SUMP IS CLEAN AND FREE FROM FOREIGN MATTER. REASSEMBLE ALL BEARINGS, BEARING HOUSINGS AND UPPER-HALF COVERS. USE A FULL-CAPACITY OIL PUMP AND BY-PASS BEARINGS. FLUSH THROUGH ONE BEARING OUTLET AT A TIME ENSURING MAXIMUM FLOW AND PRESSURE DROP AND UNTIL OIL CONDITION PROVES TO BE FREE FROM FOREIGN MATTER. CLEAN LUBE OIL SUMP (POST-FLUSHING). FLUSH THROUGH INSTALLED FILTER SYSTEM UNTIL VISUAL AND DELTA PRESSURE READINGS ARE ACCEPTABLE. ENSURE THAT NO FOREIGN MATTER IS PRESENT WITHIN SYSTEM BEFORE LOADING UNIT.

Task/Abbreviation: Q-24112-033- -MRG THRUST BRG - RPR**MJC:** EXECJBA1**Rev Date:** 5/13/2005**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 4,100**ManDays:** 27**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-24112-033)THRUST BEARING REQUIRES REPAIR

REPAIR THE PROPULSION REDUCTION GEAR MAIN THRUST BEARING ASSEMBLY. REMOVE UPPER BEARING HOUSING COVER. ACCOMPLISH AS-FOUND THRUST BEARING ASSEMBLY DIMENSIONS AND CLEARANCES. REPORT CONDITIONS FOUND TO THE NSA. DISASSEMBLE THE BEARING IN ACCORDANCE WITH THE APPLICABLE TECH MANUAL AND ACCOMPLISH THE FOLLOWING: REFINISH THRUST COLLAR IF DAMAGED. REPLACE THRUST BEARING SHOES IF NOT WITHIN SPECS. GRIND THRUST BEARING RETAINING RINGS AS REQUIRED. ON COMPLETION OF REPAIRS AND REASSEMBLY, ENSURE SATISFACTORY THRUST BEARING CLEARANCE. REINSTALL BEARING COVER ENSURING THAT ALL BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. OPERATIONALLY TEST.

Task/Abbreviation: Q-24112-034- -MN THRUST BRG OIL LEAK - RPR			MJC: EXECJBA2		Rev Date: 5/16/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24112-034)REDUCTION GEAR MAIN THRUST BEARING REQUIRES REPAIR	REPAIR REDUCTION GEAR MAIN THRUST BEARING OIL LEAK. REMOVE UPPER BEARING HOUSING COVER. REMOVE OIL SEAL ASSEMBLY. CLEAN PARTS EXPOSED BY REMOVALS. INSTALL NEW OIL SEAL ASSEMBLY. REINSTALL BEARING COVER. OPERATIONALLY TEST.

Task/Abbreviation: I-24112-037- -MAIN RDCN GEARS - MRC G1T6			MJC: EXECICZ3		Rev Date: 12/6/2006					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 2	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-24112-037)THE MAIN REDUCTION GEAR REQUIRES ASSESSMENT.	ACCOMPLISH THE MAIN REDUCTION GEAR ASSESSMENT IN ACCORDANCE WITH MRC G1T6 AS FOLLOWS: 1. INSPECT REDUCTION GEAR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-24112-040- -MAIN RDCN GEARS - MRC G1T9			MJC: EXECIE28		Rev Date: 12/22/2006
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-24112-040)THE MAIN REDUCTION GEARS REQUIRES ASSESSMENT.	ACCOMPLISH THE MAIN REDUCTION GEARS ASSESSMENT IN ACCORDANCE WITH MRC G1T9 AS FOLLOWS: 1. INSPECT NUMBER ONE MAIN REDUCTION GEAR(MRG). 2. INSPECT NUMBER TWO MAIN REDUCTION GEAR(MRG). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-24211-011- -BRAKE ASSY - INSP/RPR			MJC: EXECQAN9		Rev Date: 12/8/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,500	ManDays: 17	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24211-011) REDUCTION GEAR BRAKE ASSEMBLY REQUIRES REPAIR.	DISASSEMBLE THE BRAKE ASSEMBLY OF THE PROPULSION REDUCTION GEAR FOR INSPECTION OF FRICTION DISC BRAKE ASSEMBLY. REPORT CONDITIONS FOUND TO THE NSA. UPON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS AS APPLICABLE: A). REPLACE FRICTION CALIPER ASSEMBLIES. B). REPLACE BACKING PLATE. C). REPLACE AIR SOLENOID VALVE. D). REPLACE BRAKE DISC. E). MACHINE BRAKE DISC.

Task/Abbreviation: Q-24212-011- -BRAKE ASSY - INSP/RPR**MJC:** EXECQAO0**Rev Date:** 12/8/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 2,500**ManDays:** 17**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-24212-011) REDUCTION GEAR BRAKE ASSEMBLY
REQUIRES REPAIR.DISASSEMBLE THE BRAKE ASSEMBLY OF THE PROPULSION
REDUCTION GEAR FOR INSPECTION OF FRICTION DISC BRAKE
ASSEMBLY. REPORT CONDITIONS FOUND TO THE NSA. UPON
COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING
LIST, REINSTALL COMPONENTS AND REPLACE MISSING AND/OR
UNSERVICEABLE FASTENERS AS APPLICABLE: A). REPLACE
FRICTION CALIPER ASSEMBLIES. B). REPLACE BACKING PLATE. C).
REPLACE AIR SOLENOID VALVE. D). REPLACE BRAKE DISC. E).
MACHINE BRAKE DISC.

Task/Abbreviation: I-24311-001- -PRPLN SHFT CVRNG (DD)-INSP				MJC: EXECM074		Rev Date: 1/28/2010	
RCM Analysis:		Scheduled: N	Sit Reqs: D/D		Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,000	ManDays: 35	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			
NSTM CH-243, PARA 243-1.1.4, PARA 243-1.1.7.1, & 1.1.7.2 GC:030000,MA:1300							
Reason:	Problem Description:		Recommended Solution:				
BASELINE	(I-24311-001) NSTM REQUIREMENT DUE.		IAW NSTM CH-243, PARA. 243-1.1.4 & PARA. 243-1.1.7.1 & PARA. 243-1.1.7.2, INSPECT INPLACE THE PROPULSION SHAFT COVERING PER NSTM CHAPTER 243 AND REPORT CONDITIONS FOUND TO THE NSA. A. ACCOMPLISH A HIGH FREQUENCY SPARK TEST ON SHAFTING, SHAFT SLEEVES AND COVERED JOINT AREAS. B. INSPECT FOR PHYSICAL DAMAGE, DETERIORATION, POOR ADHESION, POROSITY AND OTHER DEFECTS. C. ACCOMPLISH SHAFT RUNOUT. **NOTE 1: ACCOMPLISH CONCURRENT WITH BEARING INSPECTION TASK M-24411-1. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.				

Task/Abbreviation: I-24311-002- -(M) PRPLN SFT(DD)-RMV/IINSP/RPR				MJC: EXECM075		Rev Date: 9/17/2009					
RCM Analysis:		Scheduled: Y		Sit Reqs: D/D		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 120		Equip/Task: 1		Matl Cost: 9,000		ManDays: 200		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
NSTM CH-243, PARA. 243-1.1.4, PARA 243-1.1.7.1, & 1.1.7.2 GC:030000,MA:1302											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-24311-002) NSTM REQUIREMENT DUE.				IAW NSTM CH-243, PARAGRAPHS 1.1.4 &1.1.7, UNSHIP WATERBORNE SHAFTING AND REMOVE TO SHOP. REMOVE ALL RUBBER OR PLASTIC COVERING FROM SHAFTING. CHECK SHAFT RUNOUT. ACCOMPLISH A MAGNETIC PARTICLE TEST OR DYE PENETRANT CHECK OF ALL EXPOSED SHAFT AREAS AND KEYWAYS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR CRACKS AND PITS. SKIM-CUT AND DRESS LINERS, AND PROVIDE OVERSIZED BEARING STAVES. REPAIR SHAFT DETERIORATION IN WAY OF LINER. REMOVE AND REPLACE LINERS. REFACE COUPLING FLANGE FACES. MANUFACTURE AND FIT NEW COUPLING BOLTS. REPAIR TAPERS AND KEYWAYS. MANUFACTURE AND FIT NEW KEYS. CHASE AND DRESS PROPELLER NUT THREADS. ACCOMPLISH POST-REPAIR MAGNETIC PARTICLE OR DYE PENETRANT TESTS. UPON COMPLETION OF REPAIRS, REPLACE SHAFT COVERING WITH THE ENHANCED 12 YEAR COVERING SPECIFIED IN NAVSEA MEMORANDUM 03M/012 DTD 2 MAY 1997 "PROPOSED PROCESS FOR COATING CARRIER PROPULSION SHAFTING". ACCOMPLISH A POST REPAIR HIGH FREQUENCY SPARK TEST ON SHAFTING, SHAFT SLEEVES AND COVERED JOINT AREAS. REINSTALL SHAFTING AND REFIT FAIRWATERS AND ROPE GUARDS USING NEW GASKETS, SEALING COMPOUND, AND FASTENERS.					

Task/Abbreviation: Q-24311-003- -STERN TB SEAL (DD) - INSP/RPR**MJC:** EXECQ081**Rev Date:** 6/26/2009**RCM Analysis:** **Scheduled:** Y **Sit Reqs:** D/D**Qty:** 2**Removal Required:****Lvl of Maint:** 1 **Freq:** 120 **Equip/Task:** 1 **Matl Cost:** 2,655 **ManDays:** 59 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:**

BASELINE

Problem Description:

(Q-24311-003)STERN TUBE SEAL REQUIRES REPAIR.

Recommended Solution:

DISASSEMBLE, INSPECT AND ACCOMPLISH REPAIRS TO THE STERN TUBE SEAL OF THE PROPULSION SHAFTING PER CONDITION ASSESSMENT RECOMMENDATIONS. UPON COMPLETION OF REPAIRS, REASSEMBLE UNIT USING NEW GASKETS, "O"-RINGS AND SEALING COMPOUNDS. ADJUST AND ALIGN SEALING DISK. LEAVE BOOT DEFLATED AND DELIVER INFLATION NEEDLE VALVES TO CHIEF ENGINEER. TEST INFLATABLE BOOT PRIOR TO UNDOCKING AND DOCK TRIALS. A).MACHINE FACES OF GLAND RING. B).CLEAN AND DRESS SHAFT IN WAY OF SEAL LAND. C).UNDERCUT SHAFT IN WAY OF SEAL LAND AND RESTORE SURFACE WITH APPROVED EPOXY FAIRING COMPOUND. D).REPLACE FACE INSERT. E).REPLACE SEAT. F).REPLACE FACE SEALING STRIP. G).REPLACE SEAL RINGS. H).REPLACE GARTER SPRINGS. I).REPLACE INFLATABLE BOOT/SEAL. J).REPLACE BELLOW ASSEMBLY. K).REPLACE FACE INSERT SHOULDER SCREWS. L).REPLACE DRIVE CLAMP RING BUTT BOLTS. **NOTE 1: SUPSHIP UTILIZE SWI/SWT 243-50, STERN TUBE SEAL REPAIR AND TEST, FOR GUIDANCE IN DEVELOPING THIS ITEM. **NOTE 2: OEM POC-JOEL PINGLE, SERVICE MANAGER (757)558-3625. **NOTE 3: MAJOR OVERHAUL KIT IS LONG LEAD TIME MATERIAL AND SHOULD BE ORDERED NO LATER THAN 10 MONTHS PRIOR TO REQUIRED INSTALLATION.

Task/Abbreviation: Q-24311-004- -PRPLN SFT SHOP (DD) - RPR**MJC:** EXECQ082**Rev Date:** 7/6/2006**RCM Analysis:** **Scheduled:** N **Sit Reqs:** D/D**Qty:** 2**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 18,000 **ManDays:** 400 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:**

BASELINE

Problem Description:

(Q-24311-004) WATERBORNE SHAFTING REQUIRES REPAIR.

Recommended Solution:

REPAIR THE WATERBORNE SHAFTING AS FOLLOWS: REPAIR CRACKS AND PITS. SKIM-CUT AND DRESS LINERS, AND PROVIDE OVERSIZED BEARING STAVES. REPAIR SHAFT DETERIORATION IN WAY OF LINER. REMOVE AND REPLACE LINERS. REFACE COUPLING FLANGE FACES. MANUFACTURE AND FIT NEW COUPLING BOLTS. STRAIGHTEN SHAFT. REPAIR TAPERS AND KEYWAYS. MANUFACTURE AND FIT NEW KEYS. CHASE AND DRESS PROPELLER NUT THREADS. ACCOMPLISH POST-REPAIR MAGNETIC PARTICLE OR DYE PENETRANT TESTS. PROVIDE MANDAYS AND DOLLARS OF MATERIAL TO ACCOMPLISH REPAIRS NOT PREVIOUSLY IDENTIFIED. UPON COMPLETION OF REPAIRS, ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. **NOTE 1: ACCOMPLISH CONCURRENT WITH INSPECTION OF SHAFTING. NOTE 2: FOR CERAMIC COATING OF PROPULSION SHAFTING INSTEAD OF FIBERGLASS WRAPPING OF PROULSION SHAFTING, USE ICMP TASK Q-24311-088.

Task/Abbreviation: Q-24311-006- -STERN TB (DD) - INSP/RPR				MJC: EXECQA92		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,700		ManDays: 60		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24311-006)STERN TUBE REQUIRES REPAIR	INSPECT AND REPAIR THE STERN TUBE AND/OR STRUT. TO INCLUDE: A. REPAIR OF CRACKS AND EROSION EXCEEDING LISTED CRITERIA BY WELDING. B. ACCOMPLISHMENT OF POST-REPAIRS MAGNETIC PARTICLE OR DYE PENETRANT TESTS. C. REPLACEMENT OF INTERNAL ZINC ANODES. D. PRESERVE INTERIOR SURFACES OF THE STERN TUBE. E. PROVIDE MANDAYS AND DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: USE SI 009-32 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-24311-011- -PRPLN SFT INPLACE (DD) - RPR				MJC: EXECQAU4		Rev Date: 1/13/2000					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 18,000		ManDays: 400		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24311-011)PROPULSION SHAFTING REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE PROPULSION SHAFTING INPLACE (WATERBORNE): REPLACE LINEAR FEET OF FIBERGLASS WRAP. PROVIDE MANDAYS AND DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: 1. ACCOMPLISH CONCURRENT WITH BEARING REPAIRS.

Task/Abbreviation: I-24311-035- -PRPLN INF SFT SEAL - MRC B6YU			MJC: EXECICM1		Rev Date: 9/17/2007
RCM Analysis: 1/8/2001	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-24311-035)THE PROPULSION INFLATABLE SEAL REQUIRES ASSESSMENT.	ACCOMPLISH THE PROPULSION INFLATABLE SEAL ASSESSMENT IN ACCORDANCE WITH MRC B6YU AS FOLLOWS: 1. TEST INFLATABLE SHAFT SEAL. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-24311-086- -STERN TUBE SEAL/BOOT-REPL				MJC: EXECQBS3		Rev Date: 10/30/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 732		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24311-086)STBD STERN TUBE INFLATABLE SEAL/BOOT IS TORN/DAMAGED.	REPLACE INFLATABLE SEAL/BOOT IN ACCORDANCE WITH PROPER TECHNICAL MANUAL. ACCOMPLISH A SATISFACTORY LEAK TEST IN ACCORDANCE WITH APPROPRIATE MRC. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-24311-093- -PRPLN SHFT - RPR			MJC: EXECQE18		Rev Date: 3/9/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24311-093)PROPULSION SHAFT REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE PROPULSION SHAFT PER CONDITION ASSESSMENT RECOMMENDATIONS: A. COLLECT AND SUBMIT SHAFT DAMAGE ASSESSMENT DATA PER UWSH MANUAL CHAPTER 13. B. REPLACE COVER PLATES. C. REPLACE/TIGHTEN BOLTS. D. REPLACE COUPLING COVER. E. DOCUMENT AND REPORT TO NAVSEA. F. REPAIR. DIVERS INSPECTION REPORT AVAILABLE AT COGNIZANT DIVING CONTRACTOR WEBSITE(INCLUDE PERTINANT REFERENCE JOB NUMBER).

Task/Abbreviation: Q-24311-A01- -PRPLN SFT(DD)-RPL (NONRPRABLE)				MJC: EXECQHT6		Rev Date: 8/5/2011	
RCM Analysis:		Scheduled: N	Sit Reqs: D/D		Qty: 2		Removal Required:
Lvl of Maint: 1		Freq: 120	Equip/Task: 1		Matl Cost: 9,000	ManDays: 200	Alt No:
Referenced Authority:			Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24311-A01)PROPULSION SHAFTING REQUIRES REPLACEMENT.	SHAFT REQUIRES REPLACEMENT AND IS NON-REPAIRABLE DUE TO DEFECTIVE MANUFACTURING PROCESSES, EXTENSIVE DAMAGE FROM GROUNDING, SEVERE SHAFTING CASUALTY AND/OR COLLISION. REPLACE WITH RECONDITIONED/REFIRBISHED/RECLAIMED SHAFTING ACQUIRED FROM NAVICP SHAFT ROTATABLE POOL OR FROM RESERVE FLEET ASSETS. ACCOMPLISH A POST REPAIR HIGH FREQUENCY SPARK TEST ON SHAFTING, SHAFT SLEEVES AND COVERED JOINT AREAS. REINSTALL SHAFTING AND REFIT FAIRWATERS AND ROPE GUARDS USING NEW GASKETS, SEALING COMPOUND, AND FASTENERS.

Task/Abbreviation: I-24312-001- -PRPLN SHFT CVRNG (DD)-INSP				MJC: EXECM076		Rev Date: 1/28/2010	
RCM Analysis:		Scheduled: N	Sit Reqs: D/D		Qty: 2	Removal Required:	
Lvl of Maint: 1		Freq: 0	Equip/Task: 1	Matl Cost: 4,000	ManDays: 35	Alt No:	
Referenced Authority:			Repair Pool:		MCC: 3		
NSTM CH-243, PARA 243-1.1.4, PARA 243-1.1.7.1, & 1.1.7.2 GC:030000,MA:0400							
Reason:	Problem Description:			Recommended Solution:			
BASELINE	(I-24312-001) NSTM REQUIREMENT DUE.			IAW NSTM CH-243, PARA. 243-1.1.4 & PARA. 243-1.1.7.1 & PARA. 243-1.1.7.2, INSPECT INPLACE THE PROPULSION SHAFT COVERING PER NSTM CHAPTER 243 AND REPORT CONDITIONS FOUND TO THE NSA. A. ACCOMPLISH A HIGH FREQUENCY SPARK TEST ON SHAFTING, SHAFT SLEEVES AND COVERED JOINT AREAS. B. INSPECT FOR PHYSICAL DAMAGE, DETERIORATION, POOR ADHESION, POROSITY AND OTHER DEFECTS. C. ACCOMPLISH SHAFT RUNOUT. **NOTE 1: ACCOMPLISH CONCURRENT WITH BEARING INSPECTION TASK M-24412-1. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.			

Task/Abbreviation: I-24312-002- -(M) PRPLN SFT(DD)-RMV/IINSP/RPR**MJC:** EXECM077**Rev Date:** 7/14/2006**RCM Analysis:** **Scheduled:** Y **Sit Reqs:** D/D**Qty:** 2**Removal Required:****Lvl of Maint:** 1 **Freq:** 120 **Equip/Task:** 1 **Matl Cost:** 9,000 **ManDays:** 200 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3

NSTM CH-243, PARA 243-1.1.4, PARA 243-1.1.7.1, & 1.1.7.2 GC:030000,MA:1302

Reason: **Problem Description:**

BASELINE (I-24312-002)NSTM REQUIREMENT DUE

Recommended Solution:

IAW NSTM CH-243, PARAGRAPHS 1.1.4 & 1.1.7, UNSHIP WATERBORNE SHAFTING AND REMOVE TO SHOP. REMOVE ALL RUBBER OR PLASTIC COVERING FROM SHAFTING. CHECK SHAFT RUNOUT. ACCOMPLISH A MAGNETIC PARTICLE TEST OR DYE PENETRANT CHECK OF ALL EXPOSED SHAFT AREAS AND KEYWAYS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR CRACKS AND PITS. SKIM-CUT AND DRESS LINERS, AND PROVIDE OVERSIZED BEARING STAVES. REPAIR SHAFT DETERIORATION IN WAY OF LINER. REMOVE AND REPLACE LINERS. REFACE COUPLING FLANGE FACES. MANUFACTURE AND FIT NEW COUPLING BOLTS. REPAIR TAPERS AND KEYWAYS. MANUFACTURE AND FIT NEW KEYS. CHASE AND DRESS PROPELLER NUT THREADS. ACCOMPLISH POST-REPAIR MAGNETIC PARTICLE OR DYE PENETRANT TESTS. ON COMPLETION OF REPAIRS, REPLACE SHAFT COVERING WITH THE ENHANCED 12 YEAR COVERING SPECIFIED IN NAVSEA MEMORANDUM 03M/012 DTD 2 MAY 1997 "PROPOSED PROCESS FOR COATING CARRIER PROPULSION SHAFTING". ACCOMPLISH A POST REPAIR HIGH FREQUENCY SPARK TEST ON SHAFTING, SHAFT SLEEVES AND COVERED JOINT AREAS. REINSTALL SHAFTING AND REFIT FAIRWATERS AND ROPE GUARDS USING NEW GASKETS, SEALING COMPOUND AND FASTENERS.

Task/Abbreviation: Q-24312-003- -STERN TB SEAL (D/D) - INSP/RPR				MJC: EXECQ083		Rev Date: 7/15/2009				
RCM Analysis:		Scheduled: Y	Sit Reqs: D/D		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 120	Equip/Task: 1		Matl Cost: 2,655		ManDays: 59		Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24312-003)STERN TUBE SEAL REQUIRES REPAIR	DISASSEMBLE, INSPECT AND ACCOMPLISH REPAIRS TO THE STERN TUBE SEAL OF THE PROPULSION SHAFTING PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, REASSEMBLE UNIT USING NEW GASKETS, "O"-RINGS AND SEALING COMPOUNDS. ADJUST AND ALIGN SEALING DISK. LEAVE BOOT DEFLATED AND DELIVER INFLATION NEEDLE VALVES TO CHIEF ENGINEER. TEST INFLATABLE BOOT PRIOR TO UNDOCKING AND DOCK TRIALS. A. MACHINE FACES OF GLAND RING. B. CLEAN AND DRESS SHAFT IN WAY OF SEAL LAND. C. UNDERCUT SHAFT IN WAY OF SEAL LAND AND RESTORE SURFACE WITH APPROVED EPOXY FAIRING COMPOUND. D. REPLACE FACE INSERT. E. REPLACE SEAT. F. REPLACE FACE SEALING STRIP. G. REPLACE SEAL RINGS. H. REPLACE GARTER SPRINGS. I. REPLACE INFLATABLE BOOT/SEAL. J. REPLACE BELLOW ASSEMBLY. K. REPLACE FACE INSERT SHOULDER SCREWS. L. REPLACE DRIVE CLAMP RING BUTT BOLTS. NOTE 1: SUPSHIP UTILIZE SWI/SWT 243-50, STERN TUBE SEAL REPAIR AND TEST, FOR GUIDANCE IN DEVELOPING THIS ITEM. NOTE 2: OEM POC - JOEL PINGLE, SERVICE MANAGER, (757)558-3625. NOTE 3: MAJOR OVERHAUL KIT IS LONG LEAD TIME MATERIAL AND SHOULD BE ORDERED NO LATER THAN 10 MONTHS PRIOR TO REQUIRED INSTALLATION.

Task/Abbreviation: Q-24312-004- -PRPLN SFT SHOP (DD) - RPR				MJC: EXECQ084		Rev Date: 7/6/2006		
RCM Analysis:		Scheduled: N	Sit Reqs: D/D		Qty: 2		Removal Required:	
Lvl of Maint: 1		Freq: 0	Equip/Task: 1	Matl Cost: 18,000	ManDays: 400		Alt No:	
Referenced Authority:			Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24312-004)WATERBORNE SHAFTING REQUIRES REPAIR	REPAIR THE WATERBORNE SHAFTING AS FOLLOWS: REPAIR CRACKS AND PITS. SKIM-CUT AND DRESS LINERS, AND PROVIDE OVERSIZED BEARING STAVES. REPAIR SHAFT DETERIORATION IN WAY OF LINER. REMOVE AND REPLACE LINERS. REFACE COUPLING FLANGE FACES. MANUFACTURE AND FIT NEW COUPLING BOLTS. STRAIGHTEN SHAFT. REPAIR TAPERS AND KEYWAYS. MANUFACTURE AND FIT NEW KEYS. CHASE AND DRESS PROPELLER NUT THREADS. ACCOMPLISH POST-REPAIR MAGNETIC PARTICLE OR DYE PENETRANT TESTS. PROVIDE MANDAYS AND DOLLARS OF MATERIAL TO ACCOMPLISH REPAIRS NOT PREVIOUSLY IDENTIFIED. ON COMPLETION OF REPAIRS, ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: 1. ACCOMPLISH CONCURRENT WITH INSPECTION OF SHAFTING. 2. FOR CERAMIC COATING OF PROULSION SHAFTING INSTEAD OF FIBERGLASS WRAPPING OF PROULSION SHAFTING USE ICMP TASK Q-24312-084.

Task/Abbreviation: Q-24312-006- -STERN TB (DD) - INSP/RPR				MJC: EXECQA93		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,700		ManDays: 60		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24312-006)STERN TUBE REQUIRES REPAIR	INSPECT AND REPAIR THE STERN TUBE AND/OR STRUT. TO INCLUDE: A. REPAIR OF CRACKS AND EROSION EXCEEDING LISTED CRITERIA BY WELDING. B. ACCOMPLISHMENT OF POST-REPAIRS MAGNETIC PARTICLE OR DYE PENETRANT TESTS. C. REPLACEMENT OF INTERNAL ZINC ANODES. D. PRESERVE INTERIOR SURFACES OF THE STERN TUBE. E. PROVIDE MANDAYS AND DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: USE SI 009-32 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-24312-011- -PRPLN SFT INPLACE (DD) - RPR				MJC: EXECQAU5		Rev Date: 1/13/2000					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 18,000		ManDays: 400		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24312-011)PROPULSION SHAFTING REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE PROPULSION SHAFTING INPLACE (WATERBORNE): REPLACE LINEAR FEET OF FIBERGLASS WRAP. PROVIDE MANDAYS AND DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: 1. ACCOMPLISH CONCURRENT WITH BEARING REPAIRS.

Task/Abbreviation: I-24312-033- -PRPLN INF SFT SEAL - MRC B6YU			MJC: EXECICO3		Rev Date: 9/17/2007
RCM Analysis: 7/8/2001	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-24312-033)THE PROPULSION INFLATABLE SEAL REQUIRES ASSESSMENT.	ACCOMPLISH THE PROPULSION INFLATABLE SEAL ASSESSMENT IN ACCORDANCE WITH MRC B6YU AS FOLLOWS: 1. TEST INFLATABLE SHAFT SEAL. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-24312-083- -STERN TUBE SEAL/BOOT-REPL				MJC: EXECQCB9		Rev Date: 10/30/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 732		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24312-083)PORT STERN TUBE INFLATABLE SEAL/BOOT IS TORN/DAMAGED.	REPLACE INFLATABLE SEAL/BOOT IN ACCORDANCE WITH PROPER TECHNICAL MANUAL. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH APPROPRIATE MRC. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-24312-088- -PRPLN SHFT - RPR				MJC: EXECQE20		Rev Date: 3/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24312-088)PROPULSION SHAFT REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE PROPULSION SHAFT PER CONDITION ASSESSMENT RECOMMENDATIONS: A. COLLECT AND SUBMIT SHAFT DAMAGE ASSESSMENT DATA PER UWSH MANUAL CHAPTER 13. B. REPLACE COVER PLATES. C. REPLACE/TIGHTEN BOLTS. D. REPLACE COUPLING COVER. E. DOCUMENT AND REPORT TO NAVSEA. F. REPAIR. DIVERS INSPECTION REPORT AVAILABLE AT COGNIZANT DIVING CONTRACTOR WEBSITE (REFERENCE PERTINENT JOB NUMBER).

Task/Abbreviation: I-24411-001- -(M)STERN/STRUT BRG (DD) - MEAS				MJC: EXECM078		Rev Date: 5/17/2007					
RCM Analysis:		Scheduled: Y		Sit Reqs: D/D		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 129		Equip/Task: 3		Matl Cost: 360		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
NSTM CH-244, PARA. 244-4.6.1 NSTM CH-244, PARA. 244-4.7.1 GC:040000,MA:2900											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-24411-001)NSTM REQUIREMENT DUE				IAW NSTM CH-244, PARA. 244-4.6.1, REMOVE FAIRWATERS AND ROPE GUARDS ON STERN TUBE AND STRUT BEARINGS. MEASURE WEARDOWNS ON STERN TUBE AND STRUT BEARINGS AND REPORT CONDITIONS FOUND TO THE NSA WITHIN 48 HOURS OF DRYDOCKING. UPON COMPLETION OF INSPECTION OR REPAIRS, REINSTALL FAIRWATERS AND ROPE GUARDS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. **NOTE: USE SWT 243-02 AND 244-03 FOR GUIDANCE IN DEVELOPING SPEC. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.					

Task/Abbreviation: Q-24411-002- -STERN/STRUT BRG (DD) - RPR				MJC: EXECQ085		Rev Date: 12/18/2002					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 3		Matl Cost: 3,600		ManDays: 80		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24411-002)BEARINGS REQUIRE REPAIR	REMOVE THE STERN TUBE AND/OR STRUT BEARINGS. ACCOMPLISH AN INTERNAL BEARING HOUSING INSPECTION. ACCOMPLISH THE FOLLOWING REPAIRS: COATING OR WELDING REPAIRS IN WAY OF LAND. MACHINE AND FIT LINERS ON BEARING LANDS. REPLACE BEARING STAVES. MEASURE FIT BETWEEN BEARING BARRELS AND HOUSING. CLAD-WELD BEARING HOUSING AND REBORE. REASSEMBLE BEARING HALVES. ALIGN USING LASER OR TIGHTWIRE TECHNIQUE. MEASURE AND RECORD POST-REPAIRS CLEARANCES.

Task/Abbreviation: C-24411-006- -PRPLN SFT BRG - TECH (SPAM)			MJC: EXECC003		Rev Date: 7/20/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:		Recommended Solution:		
BASELINE	TBD		PROVIDE ON-SITE TECHNICAL REPRESENTATIVE TO ASSIST DIVERS WHILE CONDUCTING LEVEL 2 WATERBORNE INSPECTION OF STERN TUBE AND STRUT BEARING CLEARANCES (I-24411-05). NOTE: 1. TASK IS SCREENED TO FTSC. 2. TASK IS CONCURRENT WITH I-24411-05 AS APPLICABLE.		

Task/Abbreviation: C-24411-007- -PRPLN SFT BRG - EVAL (SPAM)			MJC: EXECC005		Rev Date: 7/20/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:		Recommended Solution:		
BASELINE	TBD		EVALUATE PROPULSION SHAFT BEARING CLEARANCE READINGS (MAIN, INTERMEDIATE AND STERN TUBE) FOR MAINTENANCE RECOMMENDATIONS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. NOTE: 1. TASK IS SCREENED TO FTSC. 2. TASK IS CONCURRENT WITH I-24411-05 AS APPLICABLE.		

Task/Abbreviation: Q-24411-018- -PRLN SFT SYS ALIGN CHK-ACCOMP				MJC: EXECQBO8		Rev Date: 12/10/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: X		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: X		Matl Cost:		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24411-018)PROPULSION SHAFTING SYSTEM REQUIRES ALIGNMENT CHECK	VERIFY ALIGNMENT OF PROPULSION SHAFT BEARINGS (MAIN REDUCTION GEAR BULL GEAR, LINE SHAFT(S), STERN TUBE AND PROPELLER/STRUT) IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUALS.

Task/Abbreviation: I-24411-019- -LINE SHAFT BRG - MRC G1T1			MJC: EXECIEY0		Rev Date: 4/4/2008
RCM Analysis: 10/4/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-24411-019)THE LINE SHAFT BEARINGS REQUIRES ASSESSMENT.	ACCOMPLISH THE LINE SHAFT BEARINGS ASSESSMENT IN ACCORDANCE WITH MRC G1T1 AS FOLLOWS: 1. INSPECT OIL SCRAPER AND MEASURE LINE SHAFT BEARING CLEARANCE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-24411-026- -LINE SHAFT BEARINGS BRG-REPL			MJC: EXECQBS5		Rev Date: 9/5/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 4,441	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-24411-026)STBD LINE SHAFT BEARING FAILED.	REPLACE LINE SHAFT BEARING IN ACCORDANCE WITH THE TECHNICAL MANUAL. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH APPROPRIATE MRC. RETURN EQUIPMENT TO READINESS CONDITION.			

Task/Abbreviation: I-24412-001- -(M)STERN/STRUT BRG (DD) - MEAS				MJC: EXECM079		Rev Date: 5/17/2007					
RCM Analysis:		Scheduled: Y		Sit Reqs: D/D		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 129		Equip/Task: 3		Matl Cost:		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
NSTM CH-244, PARA. 244-4.6.1 NSTM CH-244, PARA. 244-4.7.1 GC:040000,MA:2900											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-24412-001) NSTM REQUIREMENT DUE.				IAW NSTM CH-244, PARA. 244-4.6.1, REMOVE FAIRWATERS AND ROPE GUARDS ON STERN TUBE AND STRUT BEARINGS. MEASURE WEARDOWNS ON STERN TUBE AND STRUT BEARINGS AND REPORT CONDITIONS FOUND TO THE NSA WITHIN 48 HOURS OF DRYDOCKING. UPON COMPLETION OF INSPECTION OR REPAIRS, REINSTALL FAIRWATERS AND ROPE GUARDS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. **NOTE: USE SWT 243-02 AND 244-03 FOR GUIDANCE IN DEVELOPING SPEC. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.					

Task/Abbreviation: Q-24412-002- -STERN/STRUT BRG (DD) - RPR				MJC: EXECQ087		Rev Date: 12/18/2002					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 3		Matl Cost: 3,600		ManDays: 80		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24412-002)BEARINGS REQUIRE REPAIR	REMOVE THE STERN TUBE AND/OR STRUT BEARINGS. ACCOMPLISH AN INTERNAL BEARING HOUSING INSPECTION. ACCOMPLISH THE FOLLOWING REPAIRS: COATING OR WELDING REPAIRS IN WAY OF LAND. MACHINE AND FIT LINERS ON BEARING LANDS. REPLACE BEARING STAVES. MEASURE FIT BETWEEN BEARING BARRELS AND HOUSING. CLAD-WELD BEARING HOUSING AND REBORE. REASSEMBLE BEARING HALVES. ALIGN USING LASER OR TIGHTWIRE TECHNIQUE. MEASURE AND RECORD POST-REPAIRS CLEARANCES.

Task/Abbreviation: C-24412-006- -PRPLN SFT BRG - TECH (SPAM)			MJC: EXECC004		Rev Date: 7/20/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	TBD	PROVIDE ON-SITE TECHNICAL REPRESENTATIVE TO ASSIST DIVERS WHILE CONDUCTING LEVEL 2 WATERBORNE INSPECTION OF STERN TUBE AND STRUT BEARING CLEARANCES (I-24412-05). NOTE: 1. TASK IS SCREENED TO FTSC. 2. TASK IS CONCURRENT WITH I-24412-05 AS APPLICABLE.			

Task/Abbreviation: C-24412-007- -PRPLN SFT BRG - EVAL (SPAM)				MJC: EXECC001		Rev Date: 7/20/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				EVALUATE PROPULSION SHAFT BEARING CLEARANCE READINGS (MAIN, INTERMEDIATE AND STERN TUBE) FOR MAINTENANCE RECOMMENDATIONS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. NOTE: 1. TASK IS SCREENED TO FTSC. 2. TASK IS CONCURRENT WITH I-24412-05 AS APPLICABLE.					

Task/Abbreviation:		Q-24412-017- -PRLN SFT SYS ALIGN CHK-ACCOMP		MJC: EXECQBP0		Rev Date: 12/10/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: X		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: X		Matl Cost:		ManDays: 6		Alt No:	
Referenced Authority:		Repair Pool:		MCC: 3							

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24412-017)PROPULSION SHAFTING SYSTEM REQUIRES ALIGNMENT CHECK	VERIFY ALIGNMENT OF PROPULSION SHAFT BEARINGS (MAIN REDUCTION GEAR BULL GEAR, LINE SHAFT(S), STERN TUBE AND PROPELLER/STRUT) IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUALS.

Task/Abbreviation: I-24412-018- -LINE SHAFT BRG - MRC G1T1			MJC: EXECIEY1		Rev Date: 4/4/2008
RCM Analysis: 10/4/2004	Scheduled: N	Sit Reqs:	Qty: 8	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-24412-018)THE LINE SHAFT BEARINGS REQUIRES ASSESSMENT.	ACCOMPLISH THE LINE SHAFT BEARINGS ASSESSMENT IN ACCORDANCE WITH MRC G1T1 AS FOLLOWS: 1. INSPECT OIL SCRAPER AND MEASURE LINE SHAFT BEARING CLEARANCE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-24412-024- -LINE SHAFT BEARINGS BRG-REPL			MJC: EXECQBS5		Rev Date: 9/5/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 8	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 4,441	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:		Recommended Solution:		
BASELINE	(Q-24412-024)PORT LINE SHAFT BEARING FAILED.		REPLACE LINE SHAFT BEARING IN ACCORDANCE WITH THE TECHNICAL MANUAL. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH APPROPRIATE MRC. RETURN EQUIPMENT TO READINESS CONDITION.		

Task/Abbreviation: I-24511-002- -(M)CPP/HUB (DD) - INSP/RPR**MJC:** EXECM082**Rev Date:** 3/12/2010**RCM Analysis:** **Scheduled:** Y **Sit Reqs:** D/D**Qty:** 2**Removal Required:****Lvl of Maint:** 1 **Freq:** 129 **Equip/Task:** 1 **Matl Cost:** 18,500 **ManDays:** 115 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:** **Problem Description:**

BASELINE (I-24511-002) NSTM REQUIREMENT DUE.

Recommended Solution:

IAW NSTM CH-245, PARA. 245-5.6, INSPECT & REPAIR THE CONTROLLABLE PITCH PROPELLER. CLEAN AND INSPECT PROP BLADES & HUB COMPONENTS. REMOVE BLADE(S) FROM HUB. MEASURE & RECORD AS-FOUND CLEARANCES & DIM. REPORT CONDITIONS FOUND TO THE NSA. A). INSPECT HUB ASSEMBLY AS FOLLOWS: 1). BLADE PORTS INSPECTION FOR OIL LEAKAGE. 2). MEASUREMENT OF CRITICAL CLEARANCES & DIMENSIONS. B). REMOVE BLADES TO REPAIR FACILITY & ACCOMPLISH THE FOLLOWING: 1). VERIFY BLADE PITCH ALIGNMENT AND NDT BLADES. 2). STATIC-BALANCE BLADES. 3). INSTALL BLADE EDGE PROTECTION. C). REINSTALL BLADES USING NEW SEALS AND FASTENERS. **NOTES: 1). PROVIDE SERVICES OF FTSC OR MFR'S TECH REP DURING DISASSEMBLY, REPAIR AND REASSEMBLY. 2). REMOVE BLADE EDGE PROTECTION PRIOR TO UNDOCKING. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-24511-003- -CPP/HUB ASSY (DD) - REPL				MJC: EXECQ088		Rev Date: 9/25/2008					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,700		ManDays: 60		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-003)HUB ASSEMBLY REQUIRES REPLACEMENT	REPLACE THE HUB ASSEMBLY OF THE CONTROLLABLE-PITCH PROPELLER PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE SERVICES OF MFR'S TECH REP DURING REPLACEMENT.

Task/Abbreviation: I-24511-006- -VLV ROD ASSY -RMV/INSP/RPR/TST				MJC: EXECI044		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs: D/D	Qty: 2		Removal Required:	
Lvl of Maint: 1		Freq: 0	Equip/Task: 1	Matl Cost: 4,800	ManDays: 60	Alt No:	
Referenced Authority:			Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-24511-006)THE VALVE ROD ASSEMBLY OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM REQUIRES REMOVAL AND INSPECTION	REMOVE AND INSPECT THE VALVE ROD ASSEMBLY OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM. MEASURE AND RECORD AS-FOUND DIMENSIONS. ACCOMPLISH INSPECTION OF SPIDERS AND GUIDES FOR CRACKS AND OUT OF TOLERANCE DIMENSIONS. ACCOMPLISH NON-DESTRUCTIVE TESTING OF COUPLINGS, DISTANCE TUBE, FASTENERS, GUIDES, VALVE ROD SECTIONS (THREAD AREAS) AND REGULATING VALVE PIN. REPORT CONDITIONS FOUND TO THE NSA. REASSEMBLE AND REINSTALL UPON COMPLETION OF REPAIRS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-24511-014- -(M)PROP (FIXED) (DD)- INSP/RPR				MJC: EXECM083		Rev Date: 3/12/2010		
RCM Analysis:		Scheduled: Y	Sit Reqs: D/D		Qty: 2		Removal Required:	
Lvl of Maint: 1		Freq: 129	Equip/Task: 1	Matl Cost: 4,635	ManDays: 103		Alt No:	
Referenced Authority:			Repair Pool:		MCC: 3			
NSTM CH-245, PARA 245-3.2, 3.3, & 3.4 GC:9A0000,MA:1302								
Reason:		Problem Description:			Recommended Solution:			
BASELINE		(I-24511-014) NSTM REQUIREMENT DUE.			IAW NSTM CH-245, PARA. 245-3.2 & PARA. 245-3.3, & PARA. 245-3.4, CLEAN AND INSPECT THE FIXED-BLADE-TYPE PROPELLER AND VERIFY PROPELLER DATA (GAUGE BLADES). CLEAN AND INSPECT DUNCE CAP. ACCOMPLISH NON-DESTRUCTIVE TESTING. REPORT CONDITIONS FOUND TO THE NSA. DRESS BLADE EDGES. RIG AND UNSHIP PROPELLER AND LAND ON DOCK FLOOR. VERIFY AND DRESS TAPER FIT AND INSTALL PROPELLER. TORQUE PROPELLER NUT. ACCOMPLISH THE FOLLOWING REPAIRS AS AUTHORIZED: A). GRIND OUT FRACTURES. B). TRANSPORT PROPELLER TO AN APPROVED REPAIR FACILITY TO ACCOMPLISH REPAIRS. C). DYNAMIC BALANCE PROPELLER. D). STATIC BALANCE. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.			

Task/Abbreviation: Q-24511-015- -CPP OD BOX - RPR			MJC: EXECQ672		Rev Date: 7/30/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,800	ManDays: 60	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-015)OD BOX REQUIRES REPAIR	ACCOMPLISH REPAIR TO OIL DIST BOX OF THE CPCH PROP SYS PER ASSESSMENT. A. RESURF, MACH & HONE FWD/AFT CHAMBERS & BRG HSG. B. REPL FWD/AFT CHAMBERS & BRG HSG. C. RESURFACE & MACHINE PISTON & DISTANCE TUBE. D. REPL PISTON, RADIAL ROLLER BRG, THRUST BRG. E. REPLACE LOW PRESSURE SEAL RING ASSEMBLY. F. REPLACE DISTANCE TUBE. G. REPLACE SHAFT EXTENSION. H. REPAIR MAIN SERVO VALVE ASSEMBLY. I. REPLACE MAIN SERVO VALVE ASSEMBLY. J. REPAIR ELECTRO-HYDRAULIC SERVO VALVE. K. REPLACE ELECTRO-HYDRAULIC SERVO VALVE. L. REPAIR MANUAL AND REMOTE MANUAL CONTROL VALVE. M. REPLACE MANUAL AND REMOTE MANUAL CONTROL VALVE. REASSEM USING NEW GASKETS, SEALS AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS.

Task/Abbreviation: Q-24511-041- -CPP OD BOX - REPL			MJC: EXECQAZ1		Rev Date: 10/6/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 205,500	ManDays: 35	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-041)OD BOX REQUIRES REPLACEMENT	REPLACE THE OIL DISTRIBUTION (OD) BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM PER CONDITION BASED ASSESSMENT. CRATE EXISTING OD BOX AND SHIP TO OEM. RECEIVE AND INSTALL REPLACEMENT OD BOX USING NEW GASKETS, SEALS AND PACKING ASSEMBLY. REPLACE MISSING/UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: OEM TECH REP TO BE ONSITE.

Task/Abbreviation: Q-24511-050- -CPP OD BOX CHAMBER - RPR**MJC:** EXECJAN1**Rev Date:** 5/12/2005**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 100**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-24511-050)BEARING HOUSING REQUIRES
REPAIRRESURFACE, MACHINE, AND HONE THE FWD/AFT CHAMBERS AND
BEARING HOUSING OF THE OIL DISTRIBUTION BOX OF THE
CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING
NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE
MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE
ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-24511-051- -CPP OD BOX CHAMBER - REPL			MJC: EXECJAN2		Rev Date: 5/17/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 600	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-051)BEARING HOUSING REQUIRES REPLACEMENT	REPLACE FWD/AFT CHAMBERS AND BEARING HOUSING OF THE OIL DISTRIBUTION BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-24511-095- -CPP PMP VIB TST - MRC G1P1				MJC: EXECIG79		Rev Date: 4/28/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-24511-095)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-24511-096- -CPP - RPR**MJC:** EXECQE14**Rev Date:** 3/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 0**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-24511-096)CONTROLLABLE PITCH PROPELLER
REQUIRES REPAIRACCOMPLISH THE FOLLOWING REPAIRS TO THE CONTROLLABLE
PITCH PROPELLER PER CONDITION ASSESSMENT
RECOMMENDATIONS: A. REPLACE BLADE PORT SEAL. B.
REPLACE/TIGHTEN BLADE BOLT CAP. VERIFY TORQUE ON BLADE
BOLTS BEFORE REPLACING CAP. C. REPLACE/TIGHTEN PLUG
SCREWS/PLUGS. D. REPLACE/TIGHTEN BLADE BOLT VENT PLUGS.
E. REPLACE MISSING BLADE BOLT. RE-TORQUE ALL BLADE BOLTS.
F. PERFORM VTI IAW S9245-AR-TSM-010/PROP G. REPLACE TACK
WELDS. H. REPLACE/TIGHTEN FASTENERS. I. REPLACE THREAD
SAVERS. J. REPLACE COVER. K. REPLACE MASKER AIR O-RINGS.
DIVERS INSPECTION REPORT AVAILABLE AT WWW._____.COM
(REFERENCE JOB NUMBER_____).

Task/Abbreviation: Q-24511-097- -MONOBLOCK PROP - RPR**MJC:** EXECIJJ8**Rev Date:** 4/21/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-24511-097)THE MONOBLOCK PROPELLER
REQUIRES REPAIR.ACCOMPLISH THE FOLLOWING REPAIRS TO THE MONOBLOCK
PROPELLER PER CONDITION ASSESSMENT RECOMMENDATIONS: A.
PERFORM VTI IAW S9245-AR-TSM-010/PROP. B. REPLACE PLUG AND
STAKE IN PLACE. C. REPLACE COVER PLATE WHEN MISSING OR
DAMAGED, OTHERWISE INSTALL REPLACEMENT FASTENERS AND
STAKE IN PLACE. D. REMOVE PROPELLER AND REPLACE GLAND
SEAL RING. E. REPLACE ALL FASTENERS. F. REPLACE LOCKWIRE.
DIVERS INSPECTION REPORT AVAILABLE AT WWW._____.COM
(REFERENCE JOB NUMBER_____).

Task/Abbreviation: I-24512-002- -(M)CPP/HUB (DD) - INSP/RPR**MJC:** EXECM085**Rev Date:** 3/12/2010**RCM Analysis:** **Scheduled:** Y **Sit Reqs:** D/D**Qty:** 2**Removal Required:****Lvl of Maint:** 1 **Freq:** 129 **Equip/Task:** 1 **Matl Cost:** 18,500 **ManDays:** 115 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:** **Problem Description:**

BASELINE (I-24512-002) NSTM REQUIREMENT DUE.

Recommended Solution:

IAW NSTM CH-245, PARA. 245-5.6, INSPECT & RPR THE CPCH PROP. CLN & INSP PROP BLADES & HUB COMPONENTS. RMV BLADE(S) FROM HUB. MEASURE & RECORD AS-FOUND CLEARANCES & DIM. REPORT CONDITIONS FOUND TO THE NSA. A). INSPECT HUB ASSEMBLY AS FOLLOWS: 1). BLADE PORTS INSPECTION FOR OIL LEAKAGE. 2). MEASUREMENT OF CRITICAL CLEARANCES & DIMENSIONS. B). RMV BLADES TO RPR FACILITY & ACCOMP THE FOLLOWING: 1). VERIFY BLADE PITCH ALIGNMENT AND NDT BLADES. 2). STATIC-BALANCE BLADES. 3). INSTALL BLADE EDGE PROTECTION. C). REINSTALL BLADES USING NEW SEALS AND FASTENERS. **NOTES: 1). PROVIDE SERVICES OF FTSC OR MFR'S TECH REP DURING DISASSEMBLY, REPAIR AND REASSEMBLY. 2). RMV BLADE EDGE PROTECTION PRIOR TO UNDOCKING. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-24512-003- -CPP/HUB ASSY - REPL				MJC: EXECQ096		Rev Date: 5/7/2003					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,700		ManDays: 60		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-003)HUB ASSEMBLY REQUIRES REPLACEMENT	REPLACE THE HUB ASSEMBLY OF THE CONTROLLABLE-PITCH PROPELLER PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE SERVICES OF MFR'S TECH REP DURING REPLACEMENT.

Task/Abbreviation: I-24512-006- -VLV ROD ASSY -RMV/INSP/RPR/TST				MJC: EXECI047		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs: D/D	Qty: 2		Removal Required:	
Lvl of Maint: 1		Freq: 0	Equip/Task: 1	Matl Cost: 4,800	ManDays: 60	Alt No:	
Referenced Authority:			Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASLINE	(I-24512-006)THE VALVE ROD ASSEMBLY OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM REQUIRES REMOVAL AND INSPECTION	REMOVE AND INSPECT THE VALVE ROD ASSEMBLY OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM. MEASURE AND RECORD AS-FOUND DIMENSIONS. ACCOMPLISH INSPECTION OF SPIDERS AND GUIDES FOR CRACKS AND OUT OF TOLERANCE DIMENSIONS. ACCOMPLISH NON-DESTRUCTIVE TESTING OF COUPLINGS, DISTANCE TUBE, FASTENERS, GUIDES, VALVE ROD SECTIONS (THREAD AREAS) AND REGULATING VALVE PIN. REPORT CONDITIONS FOUND TO THE NSA. REASSEMBLE AND REINSTALL UPON COMPLETION OF REPAIRS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-24512-014- -(M)PROP (FIXED) (DD)- INSP/RPR**MJC:** EXECM086**Rev Date:** 3/12/2010**RCM Analysis:** **Scheduled:** Y **Sit Reqs:** D/D**Qty:** 2**Removal Required:****Lvl of Maint:** 1 **Freq:** 129 **Equip/Task:** 1 **Matl Cost:** 4,635 **ManDays:** 103 **Alt No:****Referenced Authority:** **Repair Pool:****MCC:** 3

NSTM CH-245, PARA 245-3.2, 3.3, & 3.4 GC:9A0000,MA:1302

Reason: **Problem Description:**

BASELINE (I-24512-014) NSTM REQUIREMENT DUE.

Recommended Solution:

IAW NSTM CH-245, PARA. 245-3.2, 3.3, &3.4. CLEAN AND INSPECT THE FIXED-BLADE-TYPE PROPELLER AND VERIFY PROPELLER DATA (GAUGE BLADES). CLEAN AND INSPECT DUNCE CAP. ACCOMPLISH NON-DESTRUCTIVE TESTING. REPORT CONDITIONS FOUND TO THE NSA. DRESS BLADE EDGES. RIG AND UNSHIP PROPELLER AND LAND ON DOCK FLOOR. VERIFY AND DRESS TAPER FIT AND INSTALL PROPELLER. TORQUE PROPELLER NUT. ACCOMPLISH THE FOLLOWING REPAIRS AS AUTHORIZED: A). GRIND OUT FRACTURES. B). TRANSPORT PROPELLER TO AN APPROVED REPAIR FACILITY TO ACCOMPLISH REPAIRS. C). DYNAMIC BALANCE PROPELLER. D). STATIC BALANCE. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-24512-015- -CPP OD BOX - RPR**MJC:** EXECQ673**Rev Date:** 8/2/2004**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 4,800**ManDays:** 60**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-24512-015)OD BOX REQUIRES REPAIR

ACCOMP RPR TO OD BOX OF THE CPP SYS PER ASSESSMENT. A. RESURF, MACH & HONE FWD/AFT CHAMBERS & BRG HSG. B. REPL FWD/AFT CHAMBERS & BRG HSG. C. RESURFACE & MACHINE PISTON & DISTANCE TUBE. D. REPL PISTON, RADIAL ROLLER BRG, THRUST BRG. E. REPLACE LOW PRESSURE SEAL RING ASSEMBLY. F. REPLACE DISTANCE TUBE. G. REPLACE SHAFT EXTENSION. H. REPAIR MAIN SERVO VALVE ASSEMBLY. I. REPLACE MAIN SERVO VALVE ASSEMBLY. J. REPAIR ELECTRO-HYDRAULIC SERVO VALVE. K. REPLACE ELECTRO-HYDRAULIC SERVO VALVE. L. REPAIR MANUAL AND REMOTE MANUAL CONTROL VALVE. M. REPLACE MANUAL AND REMOTE MANUAL CONTROL VALVE. REASSEM USING NEW GASKETS, SEALS AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS.

Task/Abbreviation: Q-24512-036- -CPP OD BOX - REPL			MJC: EXECQAZ2		Rev Date: 11/12/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 205,500	ManDays: 35	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-036)OD BOX REQUIRES REPLACEMENT	REPLACE THE OIL DISTRIBUTION (OD) BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM PER CONDITION BASED ASSESSMENT. CRATE EXISTING OD BOX AND SHIP TO OEM. RECEIVE AND INSTALL REPLACEMENT OD BOX USING NEW GASKETS, SEALS AND PACKING ASSEMBLY. REPLACE MISSING/UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: OEM TECH REP TO BE ONSITE.

Task/Abbreviation: Q-24512-049- -CPP OD BOX CHAMBER - RPR**MJC:** EXECJAQ3**Rev Date:** 5/17/2005**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 100**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-24512-049)BEARING HOUSING REQUIRES REPAIR

RESURFACE, MACHINE, AND HONE THE FWD/AFT CHAMBERS AND BEARING HOUSING OF THE OIL DISTRIBUTION BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-24512-050- -CPP OD BOX CHAMBER - REPL				MJC: EXECJAQ4		Rev Date: 5/17/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 600		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-050)BEARING HOUSING REQUIRES REPLACEMENT	REPLACE FWD/AFT CHAMBERS AND BEARING HOUSING OF THE OIL DISTRIBUTION BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. REASSEMBLE USING NEW GASKETS, SEALS, AND PACKING ASSY. REPLACE MISSING/UNSERVICEABLE FASTENERS. OEM TECH REP TO BE ONSITE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-24512-095- -CPP PMP VIB TST - MRC G1P1				MJC: EXECIG80		Rev Date: 4/28/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-24512-095)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-24512-096- -CPP - RPR**MJC:** EXECQE16**Rev Date:** 5/12/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 0**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-24512-096)CONTROLLABLE PITCH PROPELLER
REQUIRES REPAIRACCOMPLISH THE FOLLOWING REPAIRS TO THE CONTROLLABLE
PITCH PROPELLER PER CONDITION ASSESSMENT
RECOMMENDATIONS: A. REPLACE BLADE PORT SEAL. B.
REPLACE/TIGHTEN BLADE BOLT CAP. VERIFY TORQUE ON BLADE
BOLTS BEFORE REPLACING CAP. C. REPLACE/TIGHTEN PLUG
SCREWS/PLUGS. D. REPLACE/TIGHTEN BLADE BOLT VENT PLUGS.
E. REPLACE MISSING BLADE BOLT. RE-TORQUE ALL BLADE BOLTS.
F. PERFORM VTI IAW S9245-AR-TSM-010/PROP G. REPLACE TACK
WELDS. H. REPLACE/TIGHTEN FASTENERS. I. REPLACE THREAD
SAVERS. J. REPLACE COVER. K. REPLACE MASKER AIR O-RINGS.
DIVERS INSPECTION REPORT AVAILABLE AT WWW._____.COM
(REFERENCE JOB NUMBER_____).

Task/Abbreviation: Q-24512-097- -MONOBLOCK PROP - RPR**MJC:** EXECQE55**Rev Date:** 4/21/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 0**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-24512-097)THE MONOBLOCK PROPELLER
REQUIRES REPAIR.ACCOMPLISH THE FOLLOWING REPAIRS TO THE MONOBLOCK
PROPELLER PER CONDITION ASSESSMENT RECOMMENDATIONS: A.
PERFORM VTI IAW S9245-AR-TSM-010/PROP. B. REPLACE PLUG AND
STAKE IN PLACE. C. REPLACE COVER PLATE WHEN MISSING OR
DAMAGED, OTHERWISE INSTALL REPLACEMENT FASTENERS AND
STAKE IN PLACE. D. REMOVE PROPELLER AND REPLACE GLAND
SEAL RING. E. REPLACE ALL FASTENERS. F. REPLACE LOCKWIRE.
DIVERS INSPECTION REPORT AVAILABLE AT WWW._____.COM
(REFERENCE JOB NUMBER_____).

Task/Abbreviation: A-25110-002- -AER LHD1-01499 - ACCOMP			MJC: EXTYA226		Rev Date: 3/7/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: TYLHD 01499
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-25110-2) TYCOM AUTHORIZED ALTERATION	ACCOMPLISH AER LHD1-01499E "REPLACE EXISTING FORCED DRAFT BLOWER (FDB) LUBE OIL COOLER AND LUBE OIL COOLER OUTLET TEMPERATURE REGULATING SYSTEM" WHICH REPLACES THE EXISTING LUBE OIL COOLER AND ASSOCIATED PIPING AND CONTROLS WITH A LARGER COOLER AND AN AUTOMATIC SALT WATER CONTROL VALVE. THIS WILL PROVIDE SUBSTANTIALLY MORE COOLING CAPACITY.

Task/Abbreviation: I-25111-001- -STM TURB FDB - INSP			MJC: EXECI049		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25111-001)THE FORCED DRAFT BLOWER UNIT REQUIRES INSPECTION	INSPECT AND TEST THE FORCED DRAFT BLOWER UNIT. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. SPEED GOVERNOR SYSTEM. C. SPEED LIMITING GOVERNOR SYSTEM. D. OPERATIONAL LOAD TESTS. E. VIBRATION ANALYSIS SURVEY. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25111-002- -STM TURB FDB - RPR**MJC:** EXECQ104**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 4,860**ManDays:** 108**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25111-002)FORCED DRAFT BLOWER REQUIRES REPAIR

REPAIR FORCED DRAFT BLOWER UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. OPEN TURBINE AND BLOWER CASINGS. RECORD AS-FOUND CONDITIONS. REMOVE TURBINE/BLOWER ROTOR, NOZZLE AND NOZZLE PLATE TO SHOP AND BLAST CLEAN. CLEAN/INSPECT COMPONENTS. ACCOMPLISH NDT. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, SEALS AND PACKING. REPLACE MISSING AND UNSERVICEABLE FASTENERS. DYNAMICALLY BALANCE ROTOR ASSEMBLY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE AND MACHINE DESIGNATED SHAFT JOURNALS. B. DRESS/REPAIR OR REPLACE DESIGNATED TURBINE ROTOR BLADING AND SHROUDING. C. DRESS/REPAIR OR REPLACE DESIGNATED TURBINE NOZZLE DIAPHRAGMS AND NOZZLE PLATES/SEGMENTS. D. REPLACE NOZZLE DIAPHRAGM LUGS AND FASTENERS. E. REPL DESIGNATED LABYRINTH-TYPE PACKING RING ASSEMBLIES. F. REPLACE OIL DEFLECTORS. G. REBABBITT OR REPLACE DESIGNATED JOURNAL BEARINGS. H. REPLACE THRUST BEARING SHOES. I. GRIND OR REPLACE THRUST COLLAR. J. DRESS/REPAIR OR REPLACE DESIGNATED BLOWER BLADING AND SHROUDING.

Task/Abbreviation: Q-25111-003- -STM TURB FDB SPD GOV - RPR**MJC:** EXECQA96**Rev Date:** 9/1/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 225**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25111-003)GOVERNOR REQUIRES REPAIR

ACCOMPLISH AUTHORIZED REPAIRS TO THE MECHANICAL-HYDRAULIC SPEED GOVERNOR OF THE FORCED DRAFT BLOWER UNIT (STEAM TURBINE DRIVEN) PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O -RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR INPLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25111-004- -STM FDB THROTTLE VLV - RPR**MJC:** EXECQA98**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 225**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25111-004)TRIP/THROTTLE VALVE REQUIRES REPAIR

ACCOMPLISH REPAIRS TO THE TRIP AND THROTTLE VALVE ASSEMBLY OF THE FORCED DRAFT BLOWER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. DISASSEMBLE, INSPECT AND NDT VALVE ASSEMBLY, INCLUDING HYDRAULIC OPERATING MECHANISM. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW GASKETS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. ENSURE SATISFACTORY SEAT AND VALVE DISC SURFACE CONTACT. A. REPAIR VALVES. B. REPAIR VALVE STEMS. C. REPLACE VALVE STEMS. D. REPLACE PILOT VALVES AND BUSHINGS. E. REPAIR STEAM STRAINER. F. REPLACE STEAM STRAINER. TEST HYDRAULIC OPERATING MECHANISM AND ADJUST TRIP DEVICE LINKAGE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25111-005- -STM FDB INL CONT VLV - RPR**MJC:** EXECQB01**Rev Date:** 9/1/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 225**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25111-005)CONTROL VALVE ASSEMBLY
REQUIRES REPAIR

ACCOMPLISH REPAIRS TO THE INLET STEAM CONTROL VALVE ASSEMBLY OF THE FORCED DRAFT BLOWER UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. DISASSEMBLE, INSPECT AND NDT VALVE ASSEMBLY, INCLUDING ACTUATOR ASSEMBLY. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. A. REPAIR ACTUATOR ASSEMBLY. B. REPLACE ACTUATOR ASSEMBLY. C. REPAIR VALVES. D. REPLACE VALVES. E. REPAIR VALVE SEATS. F. REPLACE VALVE SEATS. G. REPLACE VALVE STEMS. H. REPLACE NITRATED VALVE STEM BUSHINGS. I. REPLACE LINKAGE PINS. J. REPLACE LINKAGE BUSHINGS. K. REPLACE SPRINGS. SET CRACKING POINT ON VALVE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25111-006- -STM FDB LO CLR - RPR			MJC: EXECQB03		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25111-006)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-25111-007- -STM FDB UNIT - OIL FLUSH				MJC: EXECQB05		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 360		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25111-007)FORCED DRAFT BLOWER UNIT REQUIRES OIL FLUSH	ACCOMPLISH AN OIL FLUSH OF THE FORCED DRAFT BLOWER (STEAM TURBINE-DRIVEN) AFTER DISCONNECTING, CLEANING AND PICKLING THE EXTERNAL LUBE OIL PIPING. ENSURE THAT OIL SUMP IS CLEAN AND FREE FROM FOREIGN MATTER. REASSEMBLE ALL BEARINGS, BEARING HOUSINGS & UPPER-HALF COVERS. USE A FULL CAPACITY OIL PUMP AND BY-PASS BEARINGS. FLUSH THROUGH ONE BEARING OUTLET AT A TIME ENSURING MAXIMUM FLOW AND PRESSURE DROP AND UNTIL OIL CONDITION PROVE TO BE FREE FROM FOREIGN MATTER. CLEAN LUBE OIL SUMP (POST-FLUSHING). FLUSH THROUGH INSTALLED FILTER SYSTEM UNTIL VISUAL AND DELTA PRESSURE READINGS ARE ACCEPTABLE. ENSURE THAT NO FOREIGN MATTER IS PRESENT WITHIN SYSTEM BEFORE LOADING UNIT.

Task/Abbreviation: Q-25111-008- -STM FDB ATCHD LO PMP - RPR**MJC:** EXECQB07**Rev Date:** 9/1/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25111-008)PUMP REQUIRES REPAIR

OPEN, CLEAN, AND INSPECT THE LUBE OIL PUMP (ROTARY GEAR) .
MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND
HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS.
ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT
CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION
ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS
REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND
WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A
SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25111-009- -STM FDB ELEC LO PMP - RPR				MJC: EXECQB09		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25111-009)PUMP REQUIRES REPAIR				OPEN, CLEAN, AND INSPECT THE NON-ATTACHED LUBE OIL PUMP (ELOP; ROTARY/ GEAR) OF THE FORCED DRAFT BLOWER UNIT (STEAM TURBINE- DRIVEN). MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-25111-015- -STM FDB LO CLR - PLUG TB			MJC: EXECJ908		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 11	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25111-015)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25111-016- -STM FDB LO CLR - REPL BUNDLE			MJC: EXECJ910		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25111-016)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25111-017- -STM FDB LO CLR - REPL TB				MJC: EXECJ912		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25111-017)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25111-018- -STM FDB LO CLR - REPL ZINCS				MJC: EXECJ914		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 9		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25111-018)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-25111-019- -STM FDB LO CLR - REROLL TB			MJC: EXECJ916		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 12	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25111-019)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25111-020- -STM FDB LO CLR - RPR TB SH				MJC: EXECJ918		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 14		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25111-020)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25111-021- -STM FDB LO CLR-RPR TB SPRTS				MJC: EXECJ920		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 14		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25111-021)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25111-022- -STM TURB FDB OIL DEFLEC - REPL**MJC:** EXECJ929**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 4,860**ManDays:** 16**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25111-022)OIL DEFLECTOR REQUIRES
REPLACEMENTREPAIR FORCED DRAFT BLOWER UNIT PER CONDITION
ASSESSMENT RECOMMENDATIONS. DISASSEMBLE TO THE EXTENT
NECESSARY TO REMOVE AND REPLACE DESIGNATED
LABYRINTH-TYPE PACKING RING ASSEMBLIES AND OIL
DEFLECTORS. OPEN TURBINE AND BLOWER CASINGS. RECORD
AS-FOUND CONDITIONS. REPORT CONDITIONS FOUND TO THE NSA.
ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING
LIST, REASSEMBLE USING NEW GASKETS, SEALS AND PACKING.
REPLACE MISSING AND UNSERVICEABLE FASTENERS. A. REPLACE
DESIGNATED LABYRINTH-TYPE PACKING RING ASSEMBLIES. B.
REPLACE OIL DEFLECTORS. DYNAMICALLY BALANCE ROTOR
ASSEMBLY AND ACCOMPLISH A SATISFACTORY OPERATIONAL
TEST.

Task/Abbreviation: Q-25111-023- -STM TURB FDB (BEARING) - RPR**MJC:** EXECJ930**Rev Date:** 9/1/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 4,860**ManDays:** 22**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25111-023)JOURNAL BEARINGS REQUIRE
REBABBITTINGREPAIR FORCED DRAFT BLOWER UNIT PER CONDITION
ASSESSMENT RECOMMENDATIONS. DISASSEMBLE TO THE EXTENT
NECESSARY TO REMOVE AND REBABBIT OR REPLACE DESIGNATED
JOURNAL BEARINGS AND THRUST BEARING SHOES. OPEN TURBINE
AND BLOWER CASINGS. RECORD AS-FOUND CONDITIONS. REPORT
CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS
AUTHORIZED FROM FOLLOWING LIST, REASSEMBLE USING NEW
GASKETS, SEALS AND PACKING. REPLACE MISSING AND
UNSERVICEABLE FASTENERS. A. REBABBIT DESIGNATED JOURNAL
BEARINGS. DYNAMICALLY BALANCE ROTOR ASSEMBLY AND
ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25111-024- -STM TURB FDB (BEARING) - REPL**MJC:** EXECJ931**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 4,860**ManDays:** 11**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25111-024)BEARINGS REQUIRE REPLACEMENT

REPAIR FORCED DRAFT BLOWER UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. DISASSEMBLE TO THE EXTENT NECESSARY TO REMOVE AND REPLACE DESIGNATED JOURNAL BEARINGS. OPEN TURBINE AND BLOWER CASINGS. RECORD AS-FOUND CONDITIONS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, SEALS AND PACKING. REPLACE MISSING AND UNSERVICEABLE FASTENERS. A. REPLACE DESIGNATED JOURNAL BEARINGS. DYNAMICALLY BALANCE ROTOR ASSEMBLY AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25111-025- -STM TURB FDB (THRST SHOE)-REPL			MJC: EXECJ932		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,860	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25111-025)FORCED DRAFT BLOWER THRUST BEARING SHOES REQUIRE REPLACEMENT	REPAIR FORCED DRAFT BLOWER UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. DISASSEMBLE TO THE EXTENT NECESSARY TO REMOVE AND REPLACE DESIGNATED THRUST BEARING SHOES. OPEN TURBINE AND BLOWER CASINGS. RECORD AS-FOUND CONDITIONS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, SEALS AND PACKING. REPLACE MISSING AND UNSERVICEABLE FASTENERS. A. REPLACE THRUST BEARING SHOES. DYNAMICALLY BALANCE ROTOR ASSEMBLY AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25111-054- -FDB VNXL FAN VIB TST- MRC G1P1			MJC: EXECIG81		Rev Date: 9/1/2011					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25111-054)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25112-001- -STM TURB FDB - INSP**MJC:** EXECI050**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25112-001)THE FORCED DRAFT BLOWER UNIT
REQUIRES INSPECTIONINSPECT AND TEST THE FORCED DRAFT BLOWER UNIT. REPORT
CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. ALARM
AND SAFETY DEVICES. B. SPEED GOVERNOR SYSTEM. C. SPEED
LIMITING GOVERNOR SYSTEM. D. OPERATIONAL LOAD TESTS. E.
VIBRATION ANALYSIS SURVEY. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25112-002- -STM TURB FDB - RPR**MJC:** EXECQ105**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 4,860**ManDays:** 108**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25112-002)FORCED DRAFT BLOWER REQUIRES REPAIR

REPAIR FORCED DRAFT BLOWER UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. OPEN TURBINE AND BLOWER CASINGS. RECORD AS-FOUND CONDITIONS. REMOVE TURBINE/BLOWER ROTOR, NOZZLE AND NOZZLE PLATE TO SHOP AND BLAST CLEAN. CLEAN/INSPECT COMPONENTS. ACCOMPLISH NDT. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, SEALS AND PACKING. REPLACE MISSING AND UNSERVICEABLE FASTENERS. DYNAMICALLY BALANCE ROTOR ASSEMBLY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE AND MACHINE DESIGNATED SHAFT JOURNALS. B. DRESS/REPAIR OR REPLACE DESIGNATED TURBINE ROTOR BLADING AND SHROUDING. C. DRESS/REPAIR OR REPLACE DESIGNATED TURBINE NOZZLE DIAPHRAGMS AND NOZZLE PLATES/SEGMENTS. D. REPLACE NOZZLE DIAPHRAGM LUGS AND FASTENERS. E. REPL DESIGNATED LABYRINTH-TYPE PACKING RING ASSEMBLIES. F. REPLACE OIL DEFLECTORS. G. REBABBITT OR REPLACE DESIGNATED JOURNAL BEARINGS. H. REPLACE THRUST BEARING SHOES. I. GRIND OR REPLACE THRUST COLLAR. J. DRESS/REPAIR OR REPLACE DESIGNATED BLOWER BLADING AND SHROUDING.

Task/Abbreviation: Q-25112-003- -STM TURB FDB SPD GOV - RPR**MJC:** EXECQA97**Rev Date:** 9/1/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 225**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25112-003)GOVERNOR REQUIRES REPAIR

ACCOMPLISH AUTHORIZED REPAIRS TO THE MECHANICAL-HYDRAULIC SPEED GOVERNOR OF THE FORCED DRAFT BLOWER UNIT (STEAM TURBINE DRIVEN) PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O -RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR INPLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25112-004- -STM FDB THROTTLE VLV - RPR			MJC: EXECQA99		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25112-004)TRIP/THROTTLE VALVE REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE TRIP AND THROTTLE VALVE ASSEMBLY OF THE FORCED DRAFT BLOWER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. DISASSEMBLE, INSPECT AND NDT VALVE ASSEMBLY, INCLUDING HYDRAULIC OPERATING MECHANISM. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW GASKETS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. ENSURE SATISFACTORY SEAT AND VALVE DISC SURFACE CONTACT. A. REPAIR VALVES. B. REPAIR VALVE STEMS. C. REPLACE VALVE STEMS. D. REPLACE PILOT VALVES AND BUSHINGS. E. REPAIR STEAM STRAINER. F. REPLACE STEAM STRAINER. TEST HYDRAULIC OPERATING MECHANISM AND ADJUST TRIP DEVICE LINKAGE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25112-005- -STM FDB INL CONT VLV - RPR**MJC:** EXECQB02**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 225**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25112-005)CONTROL VALVE ASSEMBLY
REQUIRES REPAIRACCOMPLISH REPAIRS TO THE INLET STEAM CONTROL VALVE
ASSEMBLY OF THE FORCED DRAFT BLOWER UNIT PER CONDITION
ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED.
DISASSEMBLE, INSPECT AND NDT VALVE ASSEMBLY, INCLUDING
ACTUATOR ASSEMBLY. REPORT CONDITIONS FOUND TO THE NSA.
ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE
FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE MISSING
OR UNSERVICEABLE FASTENERS. A. REPAIR ACTUATOR ASSEMBLY.
B. REPLACE ACTUATOR ASSEMBLY. C. REPAIR VALVES. D. REPLACE
VALVES. E. REPAIR VALVE SEATS. F. REPLACE VALVE SEATS. G.
REPLACE VALVE STEMS. H. REPLACE NITRATED VALVE STEM
BUSHINGS. I. REPLACE LINKAGE PINS. J. REPLACE LINKAGE
BUSHINGS. K. REPLACE SPRINGS. SET CRACKING POINT ON VALVE.
ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25112-006- -STM FDB LO CLR - RPR**MJC:** EXECQB04**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 675**ManDays:** 15**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25112-006)COOLER REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-25112-007- -STM FDB UNIT - OIL FLUSH			MJC: EXECQB06		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25112-007)FORCED DRAFT BLOWER UNIT REQUIRES OIL FLUSH	ACCOMPLISH AN OIL FLUSH OF THE FORCED DRAFT BLOWER (STEAM TURBINE-DRIVEN) AFTER DISCONNECTING, CLEANING AND PICKLING THE EXTERNAL LUBE OIL PIPING. ENSURE THAT OIL SUMP IS CLEAN AND FREE FROM FOREIGN MATTER. REASSEMBLE ALL BEARINGS, BEARING HOUSINGS & UPPER-HALF COVERS. USE A FULL CAPACITY OIL PUMP AND BY-PASS BEARINGS. FLUSH THROUGH ONE BEARING OUTLET AT A TIME ENSURING MAXIMUM FLOW AND PRESSURE DROP AND UNTIL OIL CONDITION PROVE TO BE FREE FROM FOREIGN MATTER. CLEAN LUBE OIL SUMP (POST-FLUSHING). FLUSH THROUGH INSTALLED FILTER SYSTEM UNTIL VISUAL AND DELTA PRESSURE READINGS ARE ACCEPTABLE. ENSURE THAT NO FOREIGN MATTER IS PRESENT WITHIN SYSTEM BEFORE LOADING UNIT.

Task/Abbreviation: Q-25112-008- -STM FDB ATCHD LO PMP - RPR				MJC: EXECQB08		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25112-008)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE LUBE OIL PUMP (ROTARY GEAR) . MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25112-009- -STM FDB ELEC LO PMP - RPR				MJC: EXECQB10		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25112-009)PUMP REQUIRES REPAIR				OPEN, CLEAN, AND INSPECT THE NON-ATTACHED LUBE OIL PUMP (ELOP; ROTARY/ GEAR) OF THE FORCED DRAFT BLOWER UNIT (STEAM TURBINE- DRIVEN) . MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-25112-010- -STM FDB LO CLR - PLUG TB			MJC: EXECJ909		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 11	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25112-010)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25112-011- -STM FDB LO CLR - REPL BUNDLE				MJC: EXECJ911		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25112-011)COOLER TUBE BUNDLE REQUIRES REPLACEMENT				REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-25112-012- -STM FDB LO CLR - REPL TB			MJC: EXECJ913		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 12	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25112-012)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25112-013- -STM FDB LO CLR - REPL ZINCS				MJC: EXECJ915		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 9		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25112-013)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-25112-014- -STM FDB LO CLR - REROLL TB			MJC: EXECJ917		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 12	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25112-014)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25112-015- -STM FDB LO CLR - RPR TB SH			MJC: EXECJ919		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25112-015)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25112-016- -STM FDB LO CLR-RPR TB SPRTS			MJC: EXECJ921		Rev Date: 9/1/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25112-016)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25112-017- -STM TURB FDB OIL DEFLEC - REPL**MJC:** EXECJ935**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 4,860**ManDays:** 16**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25112-017)OIL DEFLECTOR REQUIRES
REPLACEMENTREPAIR FORCED DRAFT BLOWER UNIT PER CONDITION
ASSESSMENT RECOMMENDATIONS. DISASSEMBLE TO THE EXTENT
NECESSARY TO REMOVE AND REPLACE DESIGNATED
LABYRINTH-TYPE PACKING RING ASSEMBLIES AND OIL
DEFLECTORS. OPEN TURBINE AND BLOWER CASINGS. RECORD
AS-FOUND CONDITIONS. REPORT CONDITIONS FOUND TO THE NSA.
ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING
LIST, REASSEMBLE USING NEW GASKETS, SEALS AND PACKING.
REPLACE MISSING AND UNSERVICEABLE FASTENERS. A. REPLACE
DESIGNATED LABYRINTH-TYPE PACKING RING ASSEMBLIES. B.
REPLACE OIL DEFLECTORS. DYNAMICALLY BALANCE ROTOR
ASSEMBLY AND ACCOMPLISH A SATISFACTORY OPERATIONAL
TEST.

Task/Abbreviation: Q-25112-018- -STM TURB FDB (BEARING) - RPR**MJC:** EXECJ936**Rev Date:** 9/1/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 4,860**ManDays:** 22**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25112-018)JOURNAL BEARINGS REQUIRE
REBABBITTINGREPAIR FORCED DRAFT BLOWER UNIT PER CONDITION
ASSESSMENT RECOMMENDATIONS. DISASSEMBLE TO THE EXTENT
NECESSARY TO REMOVE AND REBABBIT OR REPLACE DESIGNATED
JOURNAL BEARINGS AND THRUST BEARING SHOES. OPEN TURBINE
AND BLOWER CASINGS. RECORD AS-FOUND CONDITIONS. REPORT
CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS
AUTHORIZED FROM FOLLOWING LIST, REASSEMBLE USING NEW
GASKETS, SEALS AND PACKING. REPLACE MISSING AND
UNSERVICEABLE FASTENERS. A. REBABBIT DESIGNATED JOURNAL
BEARINGS. DYNAMICALLY BALANCE ROTOR ASSEMBLY AND
ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25112-019- -STM TURB FDB (BEARING) - REPL**MJC:** EXECJ937**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 4,860**ManDays:** 11**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25112-019)BEARINGS REQUIRE REPLACEMENT

REPAIR FORCED DRAFT BLOWER UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. DISASSEMBLE TO THE EXTENT NECESSARY TO REMOVE AND REPLACE DESIGNATED JOURNAL BEARINGS. OPEN TURBINE AND BLOWER CASINGS. RECORD AS-FOUND CONDITIONS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, SEALS AND PACKING. REPLACE MISSING AND UNSERVICEABLE FASTENERS. A. REPLACE DESIGNATED JOURNAL BEARINGS. DYNAMICALLY BALANCE ROTOR ASSEMBLY AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25112-020- -STM TURB FDB (THRST SHOE)-REPL**MJC:** EXECJ938**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 4,860**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25112-020)FORCED DRAFT BLOWER THRUST
BEARING SHOES REQUIRE REPLACEMENTREPAIR FORCED DRAFT BLOWER UNIT PER CONDITION
ASSESSMENT RECOMMENDATIONS. DISASSEMBLE TO THE EXTENT
NECESSARY TO REMOVE AND REPLACE DESIGNATED THRUST
BEARING SHOES. OPEN TURBINE AND BLOWER CASINGS. RECORD
AS-FOUND CONDITIONS. REPORT CONDITIONS FOUND TO THE NSA.
ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING
LIST, REASSEMBLE USING NEW GASKETS, SEALS AND PACKING.
REPLACE MISSING AND UNSERVICEABLE FASTENERS. A. REPLACE
THRUST BEARING SHOES. DYNAMICALLY BALANCE ROTOR
ASSEMBLY AND ACCOMPLISH A SATISFACTORY OPERATIONAL
TEST.

Task/Abbreviation: I-25112-043- -FDB VNXL FAN VIB TST- MRC G1P1			MJC: EXECIG82		Rev Date: 9/1/2011					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25112-043)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25121-005- -MN PROP EQPT VIB TST- MRC G1P1			MJC: EXECIG83		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25121-005)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25131-004- -PRPLN ENG BLOW IN DRS-INSP/RPR			MJC: EXECQ455		Rev Date: 2/24/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25131-004)BLOW-IN DOOR REQUIRES REPAIR	REPAIR THE BLOW-IN DOORS OF THE AIR INLET MOISTURE/SAND SEPARATOR UNIT OF THE PROPULSION ENGINE. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ENSURE THAT SILICONE RUBBER GASKETS, CONTAINING HEATER ELEMENTS, ARE CEMENTED TO THE BLOW-IN DOORS AND THAT OVER TEMPERATURE SWITCHES OPERATE SATISFACTORILY. A. REPLACE HEATER ELEMENTS. B. REPLACE OVER TEMPERATURE SWITCH. C. REPAIR LINEAR ACTUATOR. D. REPLACE LINEAR ACTUATOR.

Task/Abbreviation: Q-25131-007- -PRPLN ENG AIR INTK - RPR			MJC: EXECQBF9		Rev Date: 2/24/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 7,307	ManDays: 82	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25131-007)AIR INTAKE REQUIRES REPAIR	REPAIR THE GAS TURBINE AIR INTAKE SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS FOLLOWS: A. INSTALL, MAINTAIN AND REMOVE PROTECTIVE COVERS FOR GAS TURBINE OPENINGS. B. REPAIR ____ LINEAR FEET OF DAMAGED/DETERIORATED WELDS. C. REPAIR ____ LINEAR FEET OF CRACKS. D. CLAD WELD ____ SQUARE FEET OF SURFACE. E. REPLACE ____ SQUARE FEET OF PLATING.

Task/Abbreviation: Q-25131-008- -PRPLN ENG AIR INTK - PSV				MJC: EXECQBG3		Rev Date: 2/6/2003					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 5,163		ManDays: 22		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25131-008)AIR INTAKE REQUIRES PRESERVATION				PRESERVE CORRODED AREAS OF COMBUSTION AIR INTAKES AND REPAIR PAINT - UTILIZE PROCEDURES CONTAINED IN MAINTENANCE REQUIREMENT CARD 9MJW. NOTE: USE SI 009-32 FOR GUIDANCE IN DEVELOPING SPEC.					

Task/Abbreviation: I-25131-011- -FAN CLG GT VIB TST - MRC G1P1			MJC: EXECIG85		Rev Date: 4/28/2006	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25131-011)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25131-015- -COMB AIR INTK LOUVERS-RPR/REPL			MJC: EXECQED7		Rev Date: 3/25/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 8,750	ManDays: 70	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25131-015)LOUVER ASSEMBLY REQUIRES REPAIR	REMOVE COMBUSTION AIR INTAKE LOUVER ASSEMBLY/ASSEMBLIES. STRIP TO BARE METAL AND REPAIR LOUVER ASSEMBLY. PRESERVE LOUVER ASSEMBLY WITH NEW PRIMER AND PAINT/POWDER COAT. REINSTALL LOUVER ASSEMBLY. REPAIR/REPLACE DEFECTIVE GROUNDING/BONDING STRAPS. NOTE: REPLACE LOUVER ASSEMBLY IF NOT REPAIRABLE.

Task/Abbreviation: I-25131-016- -COMB AIR INTAKE SYS - MRC G1E8**MJC:** EXECIJ07**Rev Date:** 6/30/2010**RCM Analysis:** 7/12/2004**Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 12**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

LHD8

(I-25131-016)INTAKE NEEDS INSPECTION.

ASSESS #1 COMBUSTION AIR INTAKE SYS IAW MRC G1E8 AS FOLLOWS: 1. INSPECT COMBUSTION AIR INTAKE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROV "AS-FOUND MATL COND" CODE IN 2ND POSITION OF "FINAL ACTION TAKEN" FIELD (2-KILO, BLK 64) IAW NAVSEAINST 4790.8B. NOTE 1: INSPECTION TO BE DONE BY NEC 4136 CERTIFIED MGTI OR CERTIFIED STRUCTURAL INSPECTOR. NOTE 2: STAGING/SCAFFOLDING NOT REQUIRED FOR THIS INSPECTION. NOTE 3: ACCOMPLISHING ACTIVITY TO DETERMINE IF GAS-FREE SERVICES ARE NEEDED TO DO THIS INSPECTION. IF SO, ACCOMPLISHING ACTIVITY SHALL SCHEDULE GAS-FREE SERVICES. ESTIMATE FOR GAS-FREE SERVICES NOT INCLUDED IN ICMP TASK ESTIMATE. NOTE 4: IF TASK I-25131-16 INSPECTION RESULTS INDICATE A 2ND INSPECTION IS NEEDED TO ASSESS AREAS OF THE INTAKE SYS NOT INSPECTED DURING THE INITIAL TASK I-25131-16 INSPECTION, ACCOMPLISHING ACTIVITY SHALL REQUEST SURFMEPP TO SCHEDULE A 2ND INSPECTION UNDER TASK I-25131-17. THE TASK I-25131-17 INSPECTION WILL BE SIMILAR IN SCOPE TO THE TASK I-25131-16 INSPECTION, BUT WILL GENERALLY BE LIMITED TO AREAS OF THE INTAKE SYS NOT PREVIOUSLY INSPECTED. TASK I-25131-17 WILL INCLUDE INSTALLATION OF STAGING/SCAFFOLDING.

Task/Abbreviation: I-25131-017- -COMB AIR INTK(W/STAG)-MRC G1E8**MJC:** EXECIJ09**Rev Date:** 6/1/2010**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 2,000**ManDays:** 12**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

LHD8

(I-25131-017) INTAKE NEEDS TO BE STAGED AND INSPECTED.

ASSESS #1 COMBUSTION AIR INTAKE SYSTEM AS FOLLOWS: 1. PROVIDE AND INSTALL STAGING/SCAFFOLDING REQUIRED TO ACCOMPLISH INSPECTION. MAINTAIN STAGING/SCAFFOLDING AND REMOVE AFTER THE INSPECTION IS COMPLETE. 2. INSPECT COMBUSTION AIR INTAKE IAW MRC G1E8. INSPECTION TO BE LIMITED TO THOSE AREAS OF THE INTAKE SYSTEM NOT PREVIOUSLY INSPECTED DURING THE MOST RECENT TASK I-25131-16 INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1: INSPECTION TO BE DONE BY A CERTIFIED STRUCTURAL INSPECTOR OR BY A NEC 4136 CERTIFIED MGTI (IF A CERTIFIED STRUCTURAL INSPECTOR IS NOT AVAILABLE). NOTE 2: ACCOMPLISHING ACTIVITY TO DETERMINE IF GAS-FREE SERVICES ARE REQUIRED TO DO THIS INSPECTION. IF SO, ACCOMPLISHING ACTIVITY SHALL SCHEDULE GAS-FREE SERVICES. ESTIMATE FOR GAS-FREE SERVICES NOT INCLUDED IN ICMP TASK ESTIMATE.

Task/Abbreviation: Q-25131-019- -INTK ANTI-ICING CMPNT-RPR/REPL**MJC:** EXECQEM7**Rev Date:** 6/8/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 3,500**ManDays:** 55**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25131-019)DEFECTIVE INTAKE ANTI-ICING SYSTEM COMPONENTS REQUIRE REPAIR OR REPLACEMENT.

ACCOMPLISH THE FOLLOWING REPAIRS TO THE MAIN PROPULSION GAS TURBINE INTAKE ANTI-ICING SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS AS AUTHORIZED FROM THE FOLLOWING LIST WHERE APPLICABLE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST OF THE ANTI-ICING SYSTEM. A. REPAIR/REPLACE ANTI-ICING MANIFOLD. B. REPAIR/REPLACE ANTI-ICING VALVE AND OPERATIONALLY TEST THE ANTI-ICING VALVE. C. REPAIR/REPLACE DESIGNATED SECTION(S) OF DEFECTIVE/DETERIORATED ANTI-ICING SYSTEM PIPING. TEST PIPING IAW NSTM CHAPTER 505. D. REPAIR/REPLACE DEFECTIVE/DETERIORATED ANTI-ICING SYSTEM PIPE HANGERS/PIPE FOUNDATIONS/PIPE SUPPORTS. E. REPLACE ANTI-ICING SYSTEM BLEED AIR EXPANSION JOINT. F. REPAIR/REPLACE BELLWS FOR THE ANTI-ICING SYSTEM PIPING.

Task/Abbreviation: Q-25132-004- -PRPLN ENG BLOW IN DRS-INSP/RPR			MJC: EXECQ458		Rev Date: 2/24/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25132-004)BLOW-IN DOOR REQUIRES REPAIR	REPAIR THE BLOW-IN DOORS OF THE AIR INLET MOISTURE/SAND SEPARATOR UNIT OF THE PROPULSION ENGINE. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ENSURE THAT SILICONE RUBBER GASKETS, CONTAINING HEATER ELEMENTS, ARE CEMENTED TO THE BLOW-IN DOORS AND THAT OVER TEMPERATURE SWITCHES OPERATE SATISFACTORILY. A. REPLACE HEATER ELEMENTS. B. REPLACE OVER TEMPERATURE SWITCH. C. REPAIR LINEAR ACTUATOR. D. REPLACE LINEAR ACTUATOR.

Task/Abbreviation: Q-25132-007- -PRPLN ENG AIR INTK - RPR			MJC: EXECQBG0		Rev Date: 2/24/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 7,307	ManDays: 82	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25132-007)AIR INTAKE REQUIRES REPAIR	REPAIR THE GAS TURBINE AIR INTAKE SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS FOLLOWS: A. INSTALL, MAINTAIN AND REMOVE PROTECTIVE COVERS FOR GAS TURBINE OPENINGS. B. REPAIR ____ LINEAR FEET OF DAMAGED/DETERIORATED WELDS. C. REPAIR ____ LINEAR FEET OF CRACKS. D. CLAD WELD ____ SQUARE FEET OF SURFACE. E. REPLACE ____ SQUARE FEET OF PLATING.

Task/Abbreviation: Q-25132-008- -PRPLN ENG AIR INTK - PSV				MJC: EXECQBG4		Rev Date: 2/6/2003					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 5,163		ManDays: 22		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25132-008)AIR INTAKE REQUIRES PRESERVATION				PRESERVE CORRODED AREAS OF COMBUSTION AIR INTAKES AND REPAIR PAINT - UTILIZE PROCEDURES CONTAINED IN MAINTENANCE REQUIREMENT CARD 9MJW. NOTE: USE SI 009-32 FOR GUIDANCE IN DEVELOPING SPEC.					

Task/Abbreviation: I-25132-011- -FAN CLG GT VIB TST - MRC G1P1				MJC: EXECIGJ8		Rev Date: 4/28/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25132-011)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25132-014- -COMB AIR INTK LOUVERS-RPR/REPL				MJC: EXECQEF4		Rev Date: 3/25/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 8,750		ManDays: 70		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25132-014)LOUVER ASSEMBLY REQUIRES REPAIR	REMOVE COMBUSTION AIR INTAKE LOUVER ASSEMBLY/ASSEMBLIES. STRIP TO BARE METAL AND REPAIR LOUVER ASSEMBLY. PRESERVE LOUVER ASSEMBLY WITH NEW PRIMER AND PAINT/POWDER COAT. REINSTALL LOUVER ASSEMBLY. REPAIR/REPLACE DEFECTIVE GROUNDING/BONDING STRAPS. NOTE: REPLACE LOUVER ASSEMBLY IF NOT REPAIRABLE.

Task/Abbreviation: I-25132-015- -COMB AIR INTAKE SYS - MRC G1E8**MJC:** EXECIJ15**Rev Date:** 6/30/2010**RCM Analysis:** 7/12/2004**Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 12**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

LHD8

(I-25132-015)INTAKE NEEDS INSPECTION.

ASSESS #2 COMBUSTION AIR INTAKE SYS IAW MRC G1E8 AS FOLLOWS: 1. INSPECT COMBUSTION AIR INTAKE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROV "AS-FOUND MATL COND" CODE IN 2ND POSITION OF "FINAL ACTION TAKEN" FIELD (2-KILO, BLK 64) IAW NAVSEAINST 4790.8B. NOTE 1: INSPECTION TO BE DONE BY NEC 4136 CERTIFIED MGTI OR CERTIFIED STRUCTURAL INSPECTOR. NOTE 2: STAGING/SCAFFOLDING NOT REQUIRED FOR THIS INSPECTION. NOTE 3: ACCOMPLISHING ACTIVITY TO DETERMINE IF GAS-FREE SERVICES ARE NEEDED TO DO THIS INSPECTION. IF SO, ACCOMPLISHING ACTIVITY SHALL SCHEDULE GAS-FREE SERVICES. ESTIMATE FOR GAS-FREE SERVICES NOT INCLUDED IN ICMP TASK ESTIMATE. NOTE 4: IF TASK I-25132-15 INSPECTION RESULTS INDICATE A 2ND INSPECTION IS NEEDED TO ASSESS AREAS OF THE INTAKE SYS NOT INSPECTED DURING THE INITIAL TASK I-25132-15 INSPECTION, ACCOMPLISHING ACTIVITY SHALL REQUEST SURFMEPP TO SCHEDULE A 2ND INSPECTION UNDER TASK I-25132-16. THE TASK I-25132-16 INSPECTION WILL BE SIMILAR IN SCOPE TO THE TASK I-25132-15 INSPECTION, BUT WILL GENERALLY BE LIMITED TO AREAS OF THE INTAKE SYS NOT PREVIOUSLY INSPECTED. TASK I-25132-16 WILL INCLUDE INSTALLATION OF STAGING/SCAFFOLDING.

Task/Abbreviation: I-25132-016- -COMB AIR INTK(W/STAG)-MRC G1E8**MJC:** EXECIJ18**Rev Date:** 6/1/2010**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 2,000**ManDays:** 12**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

LHD8

(I-25132-016) INTAKE NEEDS TO BE STAGED AND INSPECTED.

ASSESS #2 COMBUSTION AIR INTAKE SYSTEM AS FOLLOWS: 1. PROVIDE AND INSTALL STAGING/SCAFFOLDING REQUIRED TO ACCOMPLISH INSPECTION. MAINTAIN STAGING/SCAFFOLDING AND REMOVE AFTER THE INSPECTION IS COMPLETE. 2. INSPECT COMBUSTION AIR INTAKE IAW MRC G1E8. INSPECTION TO BE LIMITED TO THOSE AREAS OF THE INTAKE SYSTEM NOT PREVIOUSLY INSPECTED DURING THE MOST RECENT TASK I-25132-15 INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1: INSPECTION TO BE DONE BY A CERTIFIED STRUCTURAL INSPECTOR OR BY A NEC 4136 CERTIFIED MGTI (IF A CERTIFIED STRUCTURAL INSPECTOR IS NOT AVAILABLE). NOTE 2: ACCOMPLISHING ACTIVITY TO DETERMINE IF GAS-FREE SERVICES ARE REQUIRED TO DO THIS INSPECTION. IF SO, ACCOMPLISHING ACTIVITY SHALL SCHEDULE GAS-FREE SERVICES. ESTIMATE FOR GAS-FREE SERVICES NOT INCLUDED IN ICMP TASK ESTIMATE.

Task/Abbreviation: Q-25132-018- -INTK ANTI-ICING CMPNT-RPR/REPL**MJC:** EXECQEM8**Rev Date:** 6/9/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 3,500**ManDays:** 55**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25132-018)DEFECTIVE INTAKE ANTI-ICING
SYSTEM COMPONENTS REQUIRE REPAIR OR
REPLACEMENT.ACCOMPLISH THE FOLLOWING REPAIRS TO THE MAIN PROPULSION
GAS TURBINE INTAKE ANTI-ICING SYSTEM PER CONDITION
ASSESSMENT RECOMMENDATIONS AS AUTHORIZED FROM THE
FOLLOWING LIST WHERE APPLICABLE. ACCOMPLISH A
SATISFACTORY OPERATIONAL TEST OF THE ANTI-ICING SYSTEM. A.
REPAIR/REPLACE ANTI-ICING MANIFOLD. B. REPAIR/REPLACE
ANTI-ICING VALVE AND OPERATIONALLY TEST THE ANTI-ICING
VALVE. C. REPAIR/REPLACE DESIGNATED SECTION(S) OF
DEFECTIVE/DETERIORATED ANTI-ICING SYSTEM PIPING. TEST
PIPING IAW NSTM CHAPTER 505. D. REPAIR/REPLACE
DEFECTIVE/DETERIORATED ANTI-ICING SYSTEM PIPE
HANGERS/PIPE FOUNDATIONS/PIPE SUPPORTS. E. REPLACE
ANTI-ICING SYSTEM BLEED AIR EXPANSION JOINT. F.
REPAIR/REPLACE BELLWS FOR THE ANTI-ICING SYSTEM PIPING.

Task/Abbreviation: D-25210-005- -SHIPALT LHD1-72096D - ACCOMP**MJC:** EXTYA924**Rev Date:** 4/14/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10**ManDays:** 10**Alt No:** SALHD 72096 D**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(D-25210-5) SHIPALT LHD1-72096D, SHAFT SPEED
SYSTEM MOD, NOT ACCOMPLISHEDACCOMPLISH SHIPALT LHD1-72096D WHICH INSTALLS THE NEW
MAIN ENGINE SHAFT SPEED INDICATION SYSTEM (SSIS) WHICH WILL
REPLACE THE ANTIQUATED/TROUBLESOME ELECTRIC
TACHOMETER CORPORATION PROPELLER REVOLUTION
INDICATORS AND TRANSMITTER. THE EXISTING SHAFT SPEED
INDICATORS ARE UNRELIABLE DUE TO POOR/ANTIQUATED DESIGN
CHARACTERISTICS. THE NEW DIGITAL TACHOMETER SYSTEM WILL
PROVIDE RELIABLE AND ACCURATE INDICATION OF PROPELLER
SHAFT SPEED. A CURRENT TECHNOLOGY MAIN ENGINE SSIS
DIGITAL TRANSMITTER WILL BE A FORM/FIT/FUNCTION
INSTALLATION IN PLACE OF THE EXISTING UNIT ON THE MAIN
ENGINE. NEW REMOTE DIGITAL METERS WILL BE PLACED ON THE
THROTTLE BOARD, BRIDGE AND BRIDGE WINGS. ALL NEW
EQUIPMENT REQUIRES NO CALIBRATION AND ZERO PMS FOR LIFE.
THIS DIGITAL TACHOMETER SYSTEM IS CURRENTLY INSTALLED ON
THE USS PONCE (LPD-15) UNDER NEW TECHNOLOGY DFS
LPD15-01-04 AND WILL BE INSTALLED ON THE USS BLUE RIDGE
(LCC-19) UNDER SCD 28 DURING NOV 05. POC: FRANK SHOWALTER,
215-897-7260, FRANK.SHOWALTER@NAVY.MIL

Task/Abbreviation: I-25311-001-A-MN STM PP - UT			MJC: EXECI272		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: X	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: X	Matl Cost: 405	ManDays: 9	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25311-001)THE MAIN STEAM PIPING REQUIRES ULTRASONIC TESTING	ULTRASONICALLY-TEST THE MAIN STEAM SYSTEM PIPING, PRIOR TO AN INDUSTRIAL AVAILABILITY, FROM BOILER DRUM MAIN STEAM OUTLET JOINT TO SUPERHEATER INLET; FROM SUPERHEATER OUTLET JOINT TO DESUPERHEATER INLET JOINT; FROM SUPERHEATER OUTLET JOINT TO PROPULSION HP AND LP (ASTERN) TURBINES, SSTG'S, MAIN FEED PUMPS AND SOOT BLOWERS AND AS FOLLOWS: A. REMOVE LAGGING AND INSULATION AND CLEAN PIPING TO BARE METAL AT AREAS TO BE TESTED. B. OBTAIN FOUR (4) READINGS AT EACH SELECTED AREA, NINETY DEGREES (90 DEGS) APART IN THE FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT TO HANGERS AND EXTERNAL CORROSION. C. PRESERVE AND RELAG DISTURBED PIPING AREAS. D. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25311-004- -MN STM GATE VLVS - RPR				MJC: EXECQ119		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 20		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 10		Matl Cost: 1,035		ManDays: 23		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25311-004)MAIN STEAM VALVE REQUIRES REPAIR	REPAIR THE DESIGNATED MAIN STEAM GATE VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD 009-47. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, REASSEMBLE VALVES USING NEW GASKETS, PACKING AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25311-005- -MN STM GLOBE VLVS - RPR				MJC: EXECQ120		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 20		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 10		Matl Cost: 1,035		ManDays: 23		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25311-005)MAIN STEAM VALVE REQUIRES REPAIR	REPAIR THE DESIGNATED MAIN STEAM GLOBE VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD 009-51. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, REASSEMBLE VALVES USING NEW GASKETS, PACKING AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: 1. REPLACE VALVES 2-1/2 INCHES OR SMALLER.

Task/Abbreviation: Q-25311-006- -MN STM VLV ACTR IN SHOP - RPR			MJC: EXECQ121		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: X	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: X	Matl Cost: 1,125	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25311-006)VALVE ACTUATOR REQUIRES REPAIR	OPERATIONALLY TEST THE VALVE ACTUATOR INPLACE PRIOR TO REMOVAL FOR (IN SHOP) REPAIRS. DISASSEMBLE OPERATOR ASSEMBLY FOR INSPECTION OF COMPONENTS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR AS AUTHORIZED. REASSEMBLE OPERATOR ASSEMBLY USING NEW GASKETS, SEALS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS, LUBRICATE AND ADJUST. CONNECT VALVE ACTUATOR TO CORRESPONDING VALVE AND SET VALVE TRAVEL LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25311-008- -MN STM GATE VLVS - REPL				MJC: EXECJ141		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 20		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,000		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25311-008)VALVE REQUIRES REPLACEMENT				REPLACE THE DESIGNATED MAIN STEAM GATE VALVES PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-25311-009- -MN STM GLOBE VLVS - REPL				MJC: EXECJ142		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 20		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,000		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25311-009)VALVE REQUIRES REPLACEMENT				REPLACE THE DESIGNATED MAIN STEAM GLOBE VALVES PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-25311-014- -MN STM VLV ACTR - REPL				MJC: EXECJ147		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: X		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 750		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25311-014)VALVE ACTUATOR REQUIRES REPLACEMENT	REPLACE VALVE ACTUATOR PER CONDITION ASSESSMENT RECOMMENDATIONS. CONNECT VALVE ACTUATOR TO CORRESPONDING VALVE AND SET VALVE TRAVEL LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25311-018- -MN STM PIPING - CAR INSP**MJC:** EXECIJ65**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 60,000**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25311-018) NSTM REQUIREMENT DUE

IAW NSTM CH-505, PARA. 505-1.4, ENGAGE CONTRACTOR TO ACCOMPLISH COMPUTER AIDED RADIOGRAPHIC TESTING OF THE MAIN STEAM SYSTEM PIPING, PRIOR TO AN INDUSTRIAL AVAILABILITY, FROM BOILER MAIN STEAM STOPS TO ALL SSTG STEAM SUPPLY VALVES, TO ALL PROPULSION TURBINE GUARDING VALVES, AND INCLUDING MAIN STEAM CROSS CONNECT PIPING, AS FOLLOWS: A. ESTABLISH SAFETY BOUNDARIES AROUND INSPECTED SYSTEM. B. OBTAIN ONE IMAGE AT EACH SELECTED AREA IN THE FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT TO WELDS, HANGERS, AND EXTERNAL CORROSION. 3. LOW POINTS. 4. EVERY 3 FEET ON STRAIGHT RUNS OF PIPE. 5. LOCATIONS WHERE THINNING IS SUSPECTED. C. CONTRACTOR TO PROVIDE INITIAL REPORT TO SHIP. D. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25312-001-A-MN STM PP - UT**MJC:** EXECI277**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** X**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** X**Matl Cost:** 405**ManDays:** 9**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25312-001)THE MAIN STEAM PIPING REQUIRES
ULTRASONIC TESTING

ULTRASONICALLY-TEST THE MAIN STEAM SYSTEM PIPING, PRIOR TO AN INDUSTRIAL AVAILABILITY, FROM BOILER DRUM MAIN STEAM OUTLET JOINT TO SUPERHEATER INLET; FROM SUPERHEATER OUTLET JOINT TO DESUPERHEATER INLET JOINT; FROM SUPERHEATER OUTLET JOINT TO PROPULSION HP AND LP (ASTERN) TURBINES, SSTG'S, MAIN FEED PUMPS AND SOOT BLOWERS AND AS FOLLOWS: A. REMOVE LAGGING AND INSULATION AND CLEAN PIPING TO BARE METAL AT AREAS TO BE TESTED. B. OBTAIN FOUR (4) READINGS AT EACH SELECTED AREA, NINETY DEGREES (90 DEGS) APART IN THE FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT TO HANGERS AND EXTERNAL CORROSION. C. PRESERVE AND RELAG DISTURBED PIPING AREAS. D. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25312-004- -MN STM GATE VLVS - RPR				MJC: EXECQ123		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 20		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 10		Matl Cost: 1,035		ManDays: 23		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25312-004)MAIN STEAM VALVE REQUIRES REPAIR	REPAIR THE DESIGNATED MAIN STEAM GATE VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD 009-47. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, REASSEMBLE VALVES USING NEW GASKETS, PACKING AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25312-005- -MN STM GLOBE VLVS - RPR**MJC:** EXECQ124**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 20**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 10**Matl Cost:** 1,035**ManDays:** 23**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25312-005)MAIN STEAM VALVE REQUIRES REPAIR

REPAIR THE DESIGNATED MAIN STEAM GLOBE VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD 009-51. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, REASSEMBLE VALVES USING NEW GASKETS, PACKING AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: 1. REPLACE VALVES 2-1/2 INCHES OR SMALLER.

Task/Abbreviation: Q-25312-006- -MN STM VLV ACTR IN SHOP - RPR			MJC: EXECQ125		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: X	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: X	Matl Cost: 1,125	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25312-006)VALVE ACTUATOR REQUIRES REPAIR	OPERATIONALLY TEST THE VALVE ACTUATOR INPLACE PRIOR TO REMOVAL FOR (IN SHOP) REPAIRS. DISASSEMBLE OPERATOR ASSEMBLY FOR INSPECTION OF COMPONENTS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR AS AUTHORIZED. REASSEMBLE OPERATOR ASSEMBLY USING NEW GASKETS, SEALS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS, LUBRICATE AND ADJUST. CONNECT VALVE ACTUATOR TO CORRESPONDING VALVE AND SET VALVE TRAVEL LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25312-007- -MN STM GLOBE VLVS - REPL				MJC: EXECJ117		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 20		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,000		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25312-007)VALVE REQUIRES REPLACEMENT				REPLACE THE DESIGNATED MAIN STEAM GLOBE VALVES PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-25312-012- -MN STM VLV ACTR - REPL				MJC: EXECJ128		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: X		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 750		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25312-012)VALVE ACTUATOR REQUIRES REPLACEMENT	REPLACE VALVE ACTUATOR PER CONDITION ASSESSMENT RECOMMENDATIONS. CONNECT VALVE ACTUATOR TO CORRESPONDING VALVE AND SET VALVE TRAVEL LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25312-016- -MN STM GATE VLVS - REPL			MJC: EXECJ140		Rev Date: 9/1/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 20	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-25312-016)VALVE REQUIRES REPLACEMENT	REPLACE THE DESIGNATED MAIN STEAM GATE VALVES PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: I-25312-017- -MN STM PIPING - CAR INSP**MJC:** EXECIJ66**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 60,000**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25312-017) NSTM REQUIREMENT DUE.

IAW NSTM CH-505, PARA. 505-1.4, ENGAGE CONTRACTOR TO ACCOMPLISH COMPUTER AIDED RADIOGRAPHIC TESTING OF THE MAIN STEAM SYSTEM PIPING, PRIOR TO AN INDUSTRIAL AVAILABILITY, FROM BOILER MAIN STEAM STOPS TO ALL SSTG STEAM SUPPLY VALVES, TO ALL PROPULSION TURBINE GUARDING VALVES, AND INCLUDING MAIN STEAM CROSS CONNECT PIPING, AS FOLLOWS: A. ESTABLISH SAFETY BOUNDARIES AROUND INSPECTED SYSTEM. B. OBTAIN ONE IMAGE AT EACH SELECTED AREA IN THE FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT TO WELDS, HANGERS, AND EXTERNAL CORROSION. 3. LOW POINTS. 4. EVERY 3 FEET ON STRAIGHT RUNS OF PIPE. 5. LOCATIONS WHERE THINNING IS SUSPECTED. C. CONTRACTOR TO PROVIDE INITIAL REPORT TO SHIP. D. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25411-001- -MN COND - INSP/RPR**MJC:** EXECQ679**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 6,750**ManDays:** 150**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25411-001)CONDENSER REQUIRES REPAIR

CLEAN AND INSPECT THE TUBE NEST AND SHELL OF THE MAIN CONDENSER. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REMOVE THE WATER HEADS. B. RE-ROLL DESIGNATED TUBES. C. REPLACE DESIGNATED TUBES. D. PLUG DESIGNATED TUBES. E. PACK TUBES (DISCHARGE WATER HEAD). F. INSTALL TUBE INSERTS. G. REPLACE CONDENSER ZINCS. H. RECOAT/REPAIR TUBE SHEETS. I. REPLACE TUBE SHEETS. J. REPAIR TUBE SUPPORT PLATES. K. REPLACE DESIGNATED TUBE PLATE STAYS. L. ACCOMPLISH REPAIRS TO SHELL. M. ACCOMPLISH REPAIRS TO WATER HEAD(S). N. REINSTALL WATER HEADS.

Task/Abbreviation: I-25411-009- -MN CNDS EQPT VIB TST- MRC G1P1			MJC: EXECIG88		Rev Date: 9/1/2011
RCM Analysis: 7/12/2004		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25411-009)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25412-001- -MN COND - INSP/RPR**MJC:** EXECQ680**Rev Date:** 9/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 6,750**ManDays:** 150**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25412-001)CONDENSER REQUIRES REPAIR

CLEAN AND INSPECT THE TUBE NEST AND SHELL OF THE MAIN CONDENSER. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REMOVE THE WATER HEADS. B. RE-ROLL DESIGNATED TUBES. C. REPLACE DESIGNATED TUBES. D. PLUG DESIGNATED TUBES. E. PACK TUBES (DISCHARGE WATER HEAD). F. INSTALL TUBE INSERTS. G. REPLACE CONDENSER ZINCS. H. RECOAT/REPAIR TUBE SHEETS. I. REPLACE TUBE SHEETS. J. REPAIR TUBE SUPPORT PLATES. K. REPLACE DESIGNATED TUBE PLATE STAYS. L. ACCOMPLISH REPAIRS TO SHELL. M. ACCOMPLISH REPAIRS TO WATER HEAD(S). N. REINSTALL WATER HEADS.

Task/Abbreviation: I-25412-009- -MN CNDS EQPT VIB TST- MRC G1P1			MJC: EXECIG89		Rev Date: 9/1/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25412-009)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25421-001- -AUX COND - INSP/RPR			MJC: EXECQ696		Rev Date: 9/1/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,375	ManDays: 75	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25421-001)CONDENSER REQUIRES REPAIR	CLEAN AND INSPECT THE TUBE NEST AND SHELL OF THE AUX CONDENSER. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REMOVE THE WATER HEADS. B. RE-ROLL DESIGNATED TUBES. C. REPLACE DESIGNATED TUBES. D. PLUG DESIGNATED TUBES. E. PACK TUBES (DISCHARGE WATER HEAD). F. INSTALL TUBE INSERTS. G. REPLACE CONDENSER ZINCS. H. RECOAT/REPAIR TUBE SHEETS. I. REPLACE TUBE SHEETS. J. REPAIR TUBE SUPPORT PLATES. K. REPLACE DESIGNATED TUBE PLATE STAYS. L. ACCOMPLISH REPAIRS TO SHELL. M. ACCOMPLISH REPAIRS TO WATER HEAD(S). N. REINSTALL WATER HEADS.

Task/Abbreviation: I-25421-009- -AUX CNDS EQPT VIB TST-MRC G1P1			MJC: EXECIG90		Rev Date: 9/1/2011
RCM Analysis: 7/12/2004		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25421-009)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25422-001- -AUX COND - INSP/RPR			MJC: EXECQ697		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,375	ManDays: 75	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25422-001)CONDENSER REQUIRES REPAIR	CLEAN AND INSPECT THE TUBE NEST AND SHELL OF THE AUX CONDENSER. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REMOVE THE WATER HEADS. B. RE-ROLL DESIGNATED TUBES. C. REPLACE DESIGNATED TUBES. D. PLUG DESIGNATED TUBES. E. PACK TUBES (DISCHARGE WATER HEAD). F. INSTALL TUBE INSERTS. G. REPLACE CONDENSER ZINCS. H. RECOAT/REPAIR TUBE SHEETS. I. REPLACE TUBE SHEETS. J. REPAIR TUBE SUPPORT PLATES. K. REPLACE DESIGNATED TUBE PLATE STAYS. L. ACCOMPLISH REPAIRS TO SHELL. M. ACCOMPLISH REPAIRS TO WATER HEAD(S). N. REINSTALL WATER HEADS.

Task/Abbreviation: I-25422-009- -AUX CNDS EQPT VIB TST-MRC G1P1			MJC: EXECIG91		Rev Date: 9/2/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25422-009)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25423-001- -AUX COND - INSP/RPR**MJC:** EXECQ698**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 3,375**ManDays:** 75**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25423-001)CONDENSER REQUIRES REPAIR

CLEAN AND INSPECT THE TUBE NEST AND SHELL OF THE AUX CONDENSER. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REMOVE THE WATER HEADS. B. RE-ROLL DESIGNATED TUBES. C. REPLACE DESIGNATED TUBES. D. PLUG DESIGNATED TUBES. E. PACK TUBES (DISCHARGE WATER HEAD). F. INSTALL TUBE INSERTS. G. REPLACE CONDENSER ZINCS. H. RECOAT/REPAIR TUBE SHEETS. I. REPLACE TUBE SHEETS. J. REPAIR TUBE SUPPORT PLATES. K. REPLACE DESIGNATED TUBE PLATE STAYS. L. ACCOMPLISH REPAIRS TO SHELL. M. ACCOMPLISH REPAIRS TO WATER HEAD(S). N. REINSTALL WATER HEADS.

Task/Abbreviation: I-25423-009- -AUX CNDS EQPT VIB TST-MRC G1P1			MJC: EXECIG92		Rev Date: 9/2/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25423-009)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25424-001- -AUX COND - INSP/RPR**MJC:** EXECQ699**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 3,375**ManDays:** 75**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25424-001)CONDENSER REQUIRES REPAIR

CLEAN AND INSPECT THE TUBE NEST AND SHELL OF THE AUX CONDENSER. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REMOVE THE WATER HEADS. B. RE-ROLL DESIGNATED TUBES. C. REPLACE DESIGNATED TUBES. D. PLUG DESIGNATED TUBES. E. PACK TUBES (DISCHARGE WATER HEAD). F. INSTALL TUBE INSERTS. G. REPLACE CONDENSER ZINCS. H. RECOAT/REPAIR TUBE SHEETS. I. REPLACE TUBE SHEETS. J. REPAIR TUBE SUPPORT PLATES. K. REPLACE DESIGNATED TUBE PLATE STAYS. L. ACCOMPLISH REPAIRS TO SHELL. M. ACCOMPLISH REPAIRS TO WATER HEAD(S). N. REINSTALL WATER HEADS. F. INSTALL TUBE INSERTS. G. REPLACE CONDENSER ZINCS. H. RECOAT/REPAIR TUBE SHEETS. I. REPLACE TUBE SHEETS. J. REPAIR TUBE SUPPORT PLATES. K. REPLACE DESIGNATED TUBE PLATE STAYS. L. ACCOMPLISH REPAIRS TO SHELL. M. ACCOMPLISH REPAIRS TO WATER HEAD(S). N. REINSTALL WATER HEADS.

Task/Abbreviation: I-25424-009- -AUX CNDS EQPT VIB TST-MRC G1P1			MJC: EXECIG93		Rev Date: 9/2/2011					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25424-009)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25425-001- -AUX COND - INSP/RPR**MJC:** EXECQ702**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 3,375**ManDays:** 75**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25425-001)CONDENSER REQUIRES REPAIR

CLEAN AND INSPECT THE TUBE NEST AND SHELL OF THE AUX CONDENSER. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REMOVE THE WATER HEADS. B. RE-ROLL DESIGNATED TUBES. C. REPLACE DESIGNATED TUBES. D. PLUG DESIGNATED TUBES. E. PACK TUBES (DISCHARGE WATER HEAD). F. INSTALL TUBE INSERTS. G. REPLACE CONDENSER ZINCS. H. RECOAT/REPAIR TUBE SHEETS. I. REPLACE TUBE SHEETS. J. REPAIR TUBE SUPPORT PLATES. K. REPLACE DESIGNATED TUBE PLATE STAYS. L. ACCOMPLISH REPAIRS TO SHELL. M. ACCOMPLISH REPAIRS TO WATER HEAD(S). N. REINSTALL WATER HEADS.

Task/Abbreviation: I-25425-002- -AUX CNDS EQPT VIB TST-MRC G1P1			MJC: EXECIG94		Rev Date: 9/2/2011
RCM Analysis: 7/12/2004		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25425-002)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25431-001- -AUX EXH FAN VIB TST - MRC G1P1			MJC: EXECIG95		Rev Date: 9/2/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25431-001)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25432-001- -AUX EXH FAN VIB TST - MRC G1P1			MJC: EXECIG96		Rev Date: 9/2/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25432-001)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25511-006- -BLR FDW CONT VLV - RPR**MJC:** EXECQ706**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 225**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25511-006)CONTROL VALVE REQUIRES REPAIR

ACCOMPLISH REPAIRS TO THE BOILER FEEDWATER CONTROL VALVE PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. DISASSEMBLE, INSPECT AND NDT VALVE ASSEMBLY, INCLUDING PNEUMATIC OPERATOR. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW GASKETS, SEALS, AND PACKING AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. A. REPLACE DIAPHRAGM. B. REPLACE SPRING. C. REPLACE PLUNGER AND SPINDLE ASSEMBLY. D. REPLACE CAGE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25511-007- -BLR FDW CONT VLV - REPL				MJC: EXECJ151		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,500		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25511-007)VALVE REQUIRES REPLACEMENT				REPLACE THE BOILER FEEDWATER CONTROL VALVE, INCLUDING PNEUMATIC OPERATOR PER CONDITION ASSESSMENT RECOMMENDATIONS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-25511-010- -FDW PP - CAR INSP**MJC:** EXECIJ81**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 45,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25511-010) NSTM REQUIREMENT DUE.

IAW NSTM CH-505, PARA. 505-1.4, ENGAGE CONTRACTOR TO ACCOMPLISH COMPUTER AIDED RADIOGRAPHIC TESTING OF THE FEEDWATER SYSTEM PIPING, PRIOR TO AN INDUSTRIAL AVAILABILITY, FROM BOILER ECONOMIZER TO ALL MAIN FEED PUMPS, AS FOLLOWS: A. ESTABLISH SAFETY BOUNDARIES AROUND INSPECTED SYSTEM. B. OBTAIN ONE IMAGE AT EACH SELECTED AREA IN THE FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT TO WELDS, HANGERS, AND EXTERNAL CORROSION. 3. LOW POINTS. 4. EVERY 3 FEET ON STRAIGHT RUNS OF PIPE. 5. LOCATIONS WHERE THINNING IS SUSPECTED. C. CONTRACTOR TO PROVIDE INITIAL REPORT TO SHIP. D. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25512-006- -BLR FDW CONT VLV - RPR**MJC:** EXECQ707**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 225**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25512-006)CONTROL VALVE REQUIRES REPAIR

ACCOMPLISH REPAIRS TO THE BOILER FEEDWATER CONTROL VALVE PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. DISASSEMBLE, INSPECT AND NDT VALVE ASSEMBLY, INCLUDING PNEUMATIC OPERATOR. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW GASKETS, SEALS, AND PACKING AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. A. REPLACE DIAPHRAGM. B. REPLACE SPRING. C. REPLACE PLUNGER AND SPINDLE ASSEMBLY. D. REPLACE CAGE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25512-007- -BLR FDW CONT VLV - REPL				MJC: EXECJ118		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,500		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25512-007)VALVE REQUIRES REPLACEMENT				REPLACE THE BOILER FEEDWATER CONTROL VALVE, INCLUDING PNEUMATIC OPERATOR PER CONDITION ASSESSMENT RECOMMENDATIONS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-25512-010- -FDW PP - CAR INSP**MJC:** EXECIJ82**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 0**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25512-010) NSTM REQUIREMENT DUE.

IAW NSTM CH-505, PARA. 505-1.4, ENGAGE CONTRACTOR TO ACCOMPLISH COMPUTER AIDED RADIOGRAPHIC TESTING OF THE FEEDWATER SYSTEM PIPING, PRIOR TO AN INDUSTRIAL AVAILABILITY, FROM BOILER ECONOMIZER TO ALL MAIN FEED PUMPS, AS FOLLOWS: A. ESTABLISH SAFETY BOUNDARIES AROUND INSPECTED SYSTEM. B. OBTAIN ONE IMAGE AT EACH SELECTED AREA IN THE FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT TO WELDS, HANGERS, AND EXTERNAL CORROSION. 3. LOW POINTS. 4. EVERY 3 FEET ON STRAIGHT RUNS OF PIPE. 5. LOCATIONS WHERE THINNING IS SUSPECTED. C. CONTRACTOR TO PROVIDE INITIAL REPORT TO SHIP. D. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25521-003- -MN FD PMP TURB - RPR**MJC:** EXECQBL4**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 4,500**ManDays:** 100**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25521-003)TURBINE REQUIRES REPAIR

OPEN TURBINE CASING AND REMOVE THE ROTATING ASSEMBLY TO SHOP. CLEAN AND INSPECT ALL PARTS. REPORT CONDITIONS FOUND TO THE NSA. BLAST CLEAN TURBINE ROTOR WITH ALUMINUM OXIDE. DYE-CHECK ROTOR ASSEMBLY BLADING/SHROUDS FOR CRACKS. CLEAN AND DYE-CHECK STATIONARY BLADING NOZZLES IN PLACE. DYNAMICALLY BALANCE ROTOR ASSEMBLY. UPON COMPLETION OF REPAIRS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW GASKETS AND JOINTING COMPOUND. MEASURE AND RECORD ALL AS RELEASED RUNNING CLEARANCES AND ALIGNMENT DATA. SHIP'S FORCE WILL CONDUCT OPERATIONAL TEST. A. CHROME/MACHINE JOURNALS. B. REMOVE STATIONARY BLADING/NOZZLES, DRESS AND REPAIR. C. DISMANTLE INLET STEAM CONTROL VALVE ASSEMBLY. INSPECT AND PROVIDE REPORT. DYE-CHECK/BLUE SEATS AND REPAIR AS NEEDED. D. REMOVE AND DISMANTLE ATTACHED LUBE OIL PUMP. E. REBABBIT/REPLACE JOURNAL/THRUST BEARINGS. F. REPLACE OIL DEFLECTORS. G. REPAIR OIL COOLER. H. REPLACE SEALS/CARBON PACKING. I. REPLACE THRUST COLLAR.

Task/Abbreviation: Q-25521-004- -MN FD PMP SPD GOV - RPR**MJC:** EXECQB11**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 720**ManDays:** 16**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25521-004)GOVERNOR REQUIRES REPAIR

ACCOMPLISH AUTHORIZED REPAIR TO THE MECHANICAL-HYDRAULIC SPEED GOVERNOR OF THE MAIN FEED PUMP UNIT (STEAM TURBINE-DRIVEN) PER CONDITION ASSESSMENT AND/ OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GKTS, O -RINGS, RETAINING RINGS, SEALS & ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPL MISSING/ UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST-REPAIR TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECH REPRESENTATIVE FOR IN-PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25521-007- -MN FD PMP ATCHD LO PMP - RPR				MJC: EXECQB17		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25521-007)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE LUBE OIL PUMP (ROTARY GEAR). MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25521-009- -MN FD PMP(CPLD) - RPR				MJC: EXECQB21		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,600		ManDays: 80		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25521-009)PUMP REQUIRES REPAIR	REPAIR THE MAIN FEED PUMP. DISCONNECT THE PUMP COUPLING. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. REPLACE PUMP SHAFT. B. REPLACE PUMP SHAFT SLEEVES. C. REPLACE PUMP SHAFT SPACER SLEEVES. D. REPLACE IMPELLER(S) (OEM OR COMPOSITE). E. REPLACE WEARING RINGS. F. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. G. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-25521-010- -MN FD PMP BRG - RPR**MJC:** EXECQ459**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 225**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25521-010)BEARINGS REQUIRE REPAIR

INSPECT & REPAIR DESIGNATED BEARINGS OF THE MAIN FEED PUMP UNIT (STM TURB DRIVEN) PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT ALL BEARING HOUSING & BEARING FINISHED SURFACES ARE CLEAN. ACCOMPLISH AS-FOUND BEARING PINCH CHECKS. MEASURE AND RECORD OIL DEFLECTOR TO SHAFT CLEARANCES. ENSURE BEARING HOUSINGS CONCENTRICITY TO UNIT CENTERLINE. MEASURE & RECORD BEARING & JOURNAL DIMENSIONS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF AUTHORIZED REPAIRS, AS LISTED FROM THE FOLLOWING LIST, ENSURE SATISFACTORY BEARING PINCH AND CLEARANCES AND ASSEMBLE BEARING HOUSINGS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. A. RESURFACE AND MACHINE JOURNAL. B. REBABBITT DESIGNATED JOURNAL BEARINGS. C. REPLACE DESIGNATED JOURNAL BEARINGS. D. REPLACE DESIGNATED OIL DEFELCTORS. E. REPLACE THRUST BEARING SHOES (ACTIVE/INACTIVE). F. RPL THRUST BRG RETAINING RINGS (ACTIVE/INACTIVE). G. GRIND OR REPLACE THRUST COLLAR.

Task/Abbreviation: Q-25521-011- -MN FD PMP LO CLR - RPR**MJC:** EXECQ103**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 675**ManDays:** 15**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25521-011)COOLER REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-25521-012- -MN FD PMP - OIL FLUSH			MJC: EXECQ107		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25521-012)MAIN FEED PUMP UNIT REQUIRES OIL FLUSH	ACCOMPLISH AN OIL FLUSH OF THE MAIN FEED PUMP UNIT (STEAM TURBINE DRIVEN) AFTER DISCONNECTING, CLEANING AND PICKLING THE EXTERNAL LUBE OIL PIPING. ENSURE THAT OIL SUMP IS CLEAN AND FREE FROM FOREIGN MATTER. REASSEMBLE ALL BEARINGS, BEARING HOUSINGS AND UPPER-HALF COVERS. USE A FULL-CAPACITY OIL PUMP AND BY-PASS BEARINGS. FLUSH THROUGH ONE BEARING OUTLET AT A TIME ENSURING MAXIMUM FLOW AND PRESSURE DROP AND UNTIL OIL CONDITION PROVES TO BE FREE FROM FOREIGN MATTER. CLEAN LUBE OIL SUMP (POST-FLUSHING). FLUSH THROUGH INSTALLED FILTER SYSTEM UNTIL VISUAL AND DELTA PRESSURE READINGS ARE ACCEPTABLE. ENSURE THAT NO FOREIGN MATTER IS PRESENT WITHIN SYSTEM BEFORE LOADING UNIT.

Task/Abbreviation: Q-25521-016- -MN FD PMP LO CLR - PLUG TB			MJC: EXECJ437		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 495	ManDays: 11	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25521-016)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25521-017- -MN FD PMP LO CLR - REPL BUNDLE			MJC: EXECJ439		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,968	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:		Recommended Solution:		
BASELINE	(Q-25521-017)COOLER TUBE BUNDLE REQUIRES REPLACEMENT		REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.		

Task/Abbreviation: Q-25521-018- -MN FD PMP LO CLR - REPL TB				MJC: EXECJ441		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 540		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25521-018)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25521-019- -MN FD PMP LO CLR - REPL ZINCS				MJC: EXECJ443		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 405		ManDays: 9		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25521-019)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-25521-020- -MN FD PMP LO CLR - REROLL TB			MJC: EXECJ445		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 540	ManDays: 12	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25521-020)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25521-021- -MN FD PMP LO CLR - RPR TB SH			MJC: EXECJ447		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 630	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25521-021)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25521-022- -MN FD PMP LO CLR-RPR TB SPRTS			MJC: EXECJ449		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 630	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25521-022)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25521-023- -MN FD PMP(CPLD) - ALIGN			MJC: EXECJBH7		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 350	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-25521-023)MAIN FEED PUMP REQUIRES ALIGNMENT	ALIGN THE MAIN FEED PUMP (CENTRIFUGAL COUPLED) COLD AND HOT. DISCONNECT PIPING AND ANY STRESS RELATED ATTACHMENTS. FOLLOW NAVSEA TM STANDARD. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: Q-25521-024- -MN FD PMP(CPLD) BRGS - REPL				MJC: EXECJBH8		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 8,000		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25521-024)PUMP SEALS AND BEARINGS REQUIRE REPLACEMENT				REPLACE THE MAIN FEED PUMP (CENTRIFUGAL COUPLED) BEARINGS AND SEALS (MECHANICAL), OIL SEALS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-25521-027- -MN FD PMP ATCHD LO CSG-REPL			MJC: EXECJBQ8		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25521-027)PUMP CASING REQUIRES REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ALOP; ROTARY/GEAR) OF THE MAIN FEED PUMP UNIT (STEAM TURBINE-DRIVEN). REPLACE THE OUTER CASING. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25521-028- -MN FD PMP ATCHD LO INT-REPL				MJC: EXECJBQ9		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25521-028)PUMP INTERNALS REQUIRE REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ALOP; ROTARY/GEAR) OF THE MAIN FEED PUMP UNIT (STEAM TURBINE-DRIVEN). REPLACE PUMP INTERNALS AS A MATCHED SET (INTERNAL REPLACEMENT KIT) PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF INTERNAL REPLACEMENT REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25521-036- -MN FD PMP - MRC B3VA			MJC: EXECIDO8		Rev Date: 9/2/2011					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 4	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25521-036)THE MAIN FEED PUMPS REQUIRES ASSESSMENT.	ACCOMPLISH THE MAIN FEED PUMPS ASSESSMENT IN ACCORDANCE WITH MRC B3VA AS FOLLOWS: 1. TEST MAIN FEED PUMP SPEED-LIMITING GOVERNOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25521-037- -MN FD PMP - MRC B3VB**MJC:** EXECIDP0**Rev Date:** 9/2/2011**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25521-037)THE MAIN FEED PUMPS REQUIRES ASSESSMENT.

ACCOMPLISH THE MAIN FEED PUMPS ASSESSMENT IN ACCORDANCE WITH MRC B3VB AS FOLLOWS: 1. TEST MAIN FEED PUMP LOW-SUCTION PRESSURE ALARM AND TRIP VALVE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25521-042- -MN FD PMP - MRC B9UC			MJC: EXECIE90		Rev Date: 9/2/2011					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 4	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25521-042)THE MAIN FEED PUMPS REQUIRES ASSESSMENT.	ACCOMPLISH THE MAIN FEED PUMPS ASSESSMENT IN ACCORDANCE WITH MRC B9UC AS FOLLOWS: 1. TEST MAIN FEED PUMP SPEED-LIMITING GOVERNOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25521-043- -MN FD PMP - MRC C1ZD			MJC: EXECIEA5		Rev Date: 9/2/2011					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 4	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 2				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25521-043)THE MAIN FEED PUMPS REQUIRES ASSESSMENT.	ACCOMPLISH THE MAIN FEED PUMPS ASSESSMENT IN ACCORDANCE WITH MRC C1ZD AS FOLLOWS: 1. TEST MAIN FEED PUMP LOW-SUCTION PRESSURE ALARM AND TRIP VALVE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25521-048- -MN FD PMP - MRC C3UY**MJC:** EXECIEG1**Rev Date:** 9/2/2011**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25521-048)THE MAIN FEED PUMPS REQUIRES ASSESSMENT.

ACCOMPLISH THE MAIN FEED PUMPS ASSESSMENT IN ACCORDANCE WITH MRC C3UY AS FOLLOWS: 1. TEST AUXILIARY LUBE OIL PUMP AUTOMATIC START SWITCH. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25521-050- -MN FD PMP - MRC C5CB			MJC: EXECIEH9		Rev Date: 9/2/2011					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 4	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 2				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25521-050)THE MAIN FEED PUMPS REQUIRES ASSESSMENT.	ACCOMPLISH THE MAIN FEED PUMPS ASSESSMENT IN ACCORDANCE WITH MRC C5CB AS FOLLOWS: 1. VERIFY ACCURACY OF ELECTRONIC OVERSPEED TRIP (EOST) SYSTEM SPEED INDICATOR. 2. TEST OPERATION OF "VERIFY SHUTDOWN" SWITCH. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25521-051- -MN FD PMP - MRC C5QU**MJC:** EXECIEI5**Rev Date:** 9/2/2011**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25521-051)THE MAIN FEED PUMPS REQUIRES ASSESSMENT.

ACCOMPLISH THE MAIN FEED PUMPS ASSESSMENT IN ACCORDANCE WITH MRC C5QU AS FOLLOWS: 1. TEST MAIN FEED PUMP LOW-SUCTION PRESSURE ALARM AND TRIP VALVE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25521-057- -MN FD PMP VIB TST - MRC G1P1			MJC: EXECIG97		Rev Date: 9/2/2011					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25521-057)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: D-25521-058- -SHIPALT LHD1-71049D - ACCOMP**MJC:** EXSAD657**Rev Date:** 9/22/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10**ManDays:** 21**Alt No:** TYLHD 71049 D**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(D-25521-58) SHIPALT LHD1-71049D, OVER SPEED TRIP DEVICE, NOT ACCOMPLISHED

ACCOMPLISH SHIPALT LHD1-71049D (EQUIVALENT TO 1049) WHICH WILL RETAIN THE SAME FUNCTIONALITY AS THE ORIGINAL UNIT. THIS INCLUDES THE FOLLOWING EQUIPMENT WHICH IS OEM SUPPORTED AND CURRENTLY IN SERVICE THROUGHOUT THE FLEET: 1) DUAL-REDUNDANT POWER SUPPLIES. 2) SPEED SENSOR SIGNAL DOUBLER (CAUSES THE OSTD TO TRIP AT HALF OF THE OVERSPEED SET POINT TO SAFELY PERFORM HOT PLANT CHECKS UNDER CONTROLLED CONDITIONS). 3) 100% LED LAMP TEST AND SPEED SENSOR FAILURE INDICATION. THE NEW OSTD WILL INCLUDE THE FOLLOWING FEATURES NOT PRESENT ON THE EXISTING WOODWARD CORP OVERSPEED TRIP UNIT: 1) ISCM ALARM IN THE ENCLOSED OPERATING SPACE FOR REMOTE INDICATION OF A MFP OVERSPEED TRIP. 2) USES PROGRAMMABLE LOGIC CONTROLLER INTERFACE TO RECALL HIGHEST SPEED ATTAINED DURING AN OVER SPEED. 3) BUILT-IN SIMULATION CAPABILITY OF TRIP EVENT TO ENSURE HARDWARE IS WORKING CORRECTLY DURING COLD PLANT OPERATIONS. POC: KEVIN DRISCOLL, 215-907-1403, KEVIN.DRISCOLL@NAVY.MIL.

Task/Abbreviation: Q-25522-003- -MN FD PMP TURB - RPR**MJC:** EXECQBK0**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 4,500**ManDays:** 100**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25522-003)TURBINE REQUIRES REPAIR

OPEN TURBINE CASING AND REMOVE THE ROTATING ASSEMBLY TO SHOP. CLEAN AND INSPECT ALL PARTS. REPORT CONDITIONS FOUND TO THE NSA. BLAST CLEAN TURBINE ROTOR WITH ALUMINUM OXIDE. DYE-CHECK ROTOR ASSEMBLY BLADING/SHROUDS FOR CRACKS. CLEAN AND DYE-CHECK STATIONARY BLADING NOZZLES IN PLACE. DYNAMICALLY BALANCE ROTOR ASSEMBLY. UPON COMPLETION OF REPAIRS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW GASKETS AND JOINTING COMPOUND. MEASURE AND RECORD ALL AS RELEASED RUNNING CLEARANCES AND ALIGNMENT DATA. SHIP'S FORCE WILL CONDUCT OPERATIONAL TEST. A. CHROME/MACHINE JOURNALS. B. REMOVE STATIONARY BLADING/NOZZLES, DRESS AND REPAIR. C. DISMANTLE INLET STEAM CONTROL VALVE ASSEMBLY. INSPECT AND PROVIDE REPORT. DYE-CHECK/BLUE SEATS AND REPAIR AS NEEDED. D. REMOVE AND DISMANTLE ATTACHED LUBE OIL PUMP. E. REBABBIT/REPLACE JOURNAL/THRUST BEARINGS. F. REPLACE OIL DEFLECTORS. G. REPAIR OIL COOLER. H. REPLACE SEALS/CARBON PACKING. I. REPLACE THRUST COLLAR.

Task/Abbreviation: Q-25522-004- -MN FD PMP SPD GOV - RPR**MJC:** EXECQB12**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 720**ManDays:** 16**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25522-004)GOVERNOR REQUIRES REPAIR

ACCOMPLISH AUTHORIZED REPAIR TO THE MECHANICAL-HYDRAULIC SPEED GOVERNOR OF THE MAIN FEED PUMP UNIT (STEAM TURBINE-DRIVEN) PER CONDITION ASSESSMENT AND/ OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GKTS, O -RINGS, RETAINING RINGS, SEALS & ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPL MISSING/ UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST-REPAIR TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECH REPRESENTATIVE FOR IN-PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25522-007- -MN FD PMP ATCHD LO PMP - RPR				MJC: EXECQB18		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25522-007)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE LUBE OIL PUMP (ROTARY GEAR) . MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25522-009- -MN FD PMP(CPLD) - RPR			MJC: EXECQB22		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,600	ManDays: 80	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25522-009)PUMP REQUIRES REPAIR	REPAIR THE MAIN FEED PUMP. DISCONNECT THE PUMP COUPLING. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. REPLACE PUMP SHAFT. B. REPLACE PUMP SHAFT SLEEVES. C. REPLACE PUMP SHAFT SPACER SLEEVES. D. REPLACE IMPELLER(S) (OEM OR COMPOSITE). E. REPLACE WEARING RINGS. F. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. G. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-25522-010- -MN FD PMP BRG - RPR			MJC: EXECQ095		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25522-010)BEARINGS REQUIRE REPAIR	INSPECT & REPAIR DESIGNATED BEARINGS OF THE MAIN FEED PUMP UNIT (STM TURB DRIVEN) PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT ALL BEARING HOUSING & BEARING FINISHED SURFACES ARE CLEAN. ACCOMPLISH AS-FOUND BEARING PINCH CHECKS. MEASURE AND RECORD OIL DEFLECTOR TO SHAFT CLEARANCES. ENSURE BEARING HOUSINGS CONCENTRICITY TO UNIT CENTERLINE. MEASURE & RECORD BEARING & JOURNAL DIMENSIONS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF AUTHORIZED REPAIRS, AS LISTED FROM THE FOLLOWING LIST, ENSURE SATISFACTORY BEARING PINCH AND CLEARANCES AND ASSEMBLE BEARING HOUSINGS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. A. RESURFACE AND MACHINE JOURNAL. B. REBABBITT DESIGNATED JOURNAL BEARINGS. C. REPLACE DESIGNATED JOURNAL BEARINGS. D. REPLACE DESIGNATED OIL DEFELCTORS. E. REPLACE THRUST BEARING SHOES (ACTIVE/INACTIVE). F. RPL THRUST BRG RETAINING RINGS (ACTIVE/INACTIVE). G. GRIND OR REPLACE THRUST COLLAR.

Task/Abbreviation: Q-25522-011- -MN FD PMP LO CLR - RPR**MJC:** EXECQ106**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 675**ManDays:** 15**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25522-011)COOLER REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-25522-012- -MN FD PMP - OIL FLUSH			MJC: EXECQ108		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25522-012)MAIN FEED PUMP UNIT REQUIRES OIL FLUSH	ACCOMPLISH AN OIL FLUSH OF THE MAIN FEED PUMP UNIT (STEAM TURBINE DRIVEN) AFTER DISCONNECTING, CLEANING AND PICKLING THE EXTERNAL LUBE OIL PIPING. ENSURE THAT OIL SUMP IS CLEAN AND FREE FROM FOREIGN MATTER. REASSEMBLE ALL BEARINGS, BEARING HOUSINGS AND UPPER-HALF COVERS. USE A FULL-CAPACITY OIL PUMP AND BY-PASS BEARINGS. FLUSH THROUGH ONE BEARING OUTLET AT A TIME ENSURING MAXIMUM FLOW AND PRESSURE DROP AND UNTIL OIL CONDITION PROVES TO BE FREE FROM FOREIGN MATTER. CLEAN LUBE OIL SUMP (POST-FLUSHING). FLUSH THROUGH INSTALLED FILTER SYSTEM UNTIL VISUAL AND DELTA PRESSURE READINGS ARE ACCEPTABLE. ENSURE THAT NO FOREIGN MATTER IS PRESENT WITHIN SYSTEM BEFORE LOADING UNIT.

Task/Abbreviation: Q-25522-014- -MN FD PMP LO CLR - PLUG TB			MJC: EXECJ438		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 495	ManDays: 11	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25522-014)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25522-015- -MN FD PMP LO CLR - REPL BUNDLE			MJC: EXECJ440		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,968	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:		Recommended Solution:		
BASELINE	(Q-25522-015)COOLER TUBE BUNDLE REQUIRES REPLACEMENT		REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.		

Task/Abbreviation: Q-25522-016- -MN FD PMP LO CLR - REPL TB			MJC: EXECJ442		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 540	ManDays: 12	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25522-016)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25522-017- -MN FD PMP LO CLR - REPL ZINCS				MJC: EXECJ444		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 405		ManDays: 9		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25522-017)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-25522-018- -MN FD PMP LO CLR - REROLL TB			MJC: EXECJ446		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 540	ManDays: 12	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25522-018)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25522-019- -MN FD PMP LO CLR - RPR TB SH			MJC: EXECJ448		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 630	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25522-019)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25522-020- -MN FD PMP LO CLR-RPR TB SPRTS			MJC: EXECJ450		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 630	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25522-020)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25522-021- -MN FD PMP ATCHD LO CSG - REPL			MJC: EXECJBR0		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25522-021)PUMP CASING REQUIRES REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ALOP; ROTARY/GEAR) OF THE MAIN FEED PUMP UNIT (STEAM TURBINE-DRIVEN). REPLACE THE OUTER CASING. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25522-022- -MN FD PMP ATCHD LO INT - REPL			MJC: EXECJBR1		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25522-022)PUMP INTERNALS REQUIRE REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ALOP; ROTARY/GEAR) OF THE MAIN FEED PUMP UNIT (STEAM TURBINE-DRIVEN). REPLACE PUMP INTERNALS AS A MATCHED SET (INTERNAL REPLACEMENT KIT) PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF INTERNAL REPLACEMENT REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25522-023- -MN FD PMP(CPLD) - ALIGN			MJC: EXECJBR2		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 350	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25522-023)MAIN FEED PUMP REQUIRES ALIGNMENT	ALIGN THE MAIN FEED PUMP (CENTRIFUGAL COUPLED) COLD AND HOT. DISCONNECT PIPING AND ANY STRESS RELATED ATTACHMENTS. FOLLOW NAVSEA TM STANDARD. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25522-024- -MN FD PMP(CPLD) BRGS - REPL				MJC: EXECJBR3		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 8,000		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25522-024)PUMP SEALS AND BEARINGS REQUIRE REPLACEMENT				REPLACE THE MAIN FEED PUMP (CENTRIFUGAL COUPLED) BEARINGS AND SEALS (MECHANICAL), OIL SEALS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-25522-034- -MN FD PMP - MRC B3VA			MJC: EXECIDO9		Rev Date: 9/2/2011					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 4	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 2				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25522-034)THE MAIN FEED PUMPS REQUIRES ASSESSMENT.	ACCOMPLISH THE MAIN FEED PUMPS ASSESSMENT IN ACCORDANCE WITH MRC B3VA AS FOLLOWS: 1. TEST MAIN FEED PUMP SPEED-LIMITING GOVERNOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25522-035- -MN FD PMP - MRC B3VB**MJC:** EXECIDP1**Rev Date:** 9/2/2011**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25522-035)THE MAIN FEED PUMPS REQUIRES ASSESSMENT.

ACCOMPLISH THE MAIN FEED PUMPS ASSESSMENT IN ACCORDANCE WITH MRC B3VB AS FOLLOWS: 1. TEST MAIN FEED PUMP LOW-SUCTION PRESSURE ALARM AND TRIP VALVE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25522-040- -MN FD PMP - MRC B9UC				MJC: EXECIE91		Rev Date: 9/2/2011					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25522-040)THE MAIN FEED PUMPS REQUIRES ASSESSMENT.	ACCOMPLISH THE MAIN FEED PUMPS ASSESSMENT IN ACCORDANCE WITH MRC B9UC AS FOLLOWS: 1. TEST MAIN FEED PUMP SPEED-LIMITING GOVERNOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25522-041- -MN FD PMP - MRC C1ZD**MJC:** EXECIEA6**Rev Date:** 9/2/2011**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25522-041)THE MAIN FEED PUMPS REQUIRES ASSESSMENT.

ACCOMPLISH THE MAIN FEED PUMPS ASSESSMENT IN ACCORDANCE WITH MRC C1ZD AS FOLLOWS: 1. TEST MAIN FEED PUMP LOW-SUCTION PRESSURE ALARM AND TRIP VALVE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25522-046- -MN FD PMP - MRC C3UY**MJC:** EXECIEG2**Rev Date:** 9/2/2011**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25522-046)THE MAIN FEED PUMPS REQUIRES ASSESSMENT.

ACCOMPLISH THE MAIN FEED PUMPS ASSESSMENT IN ACCORDANCE WITH MRC C3UY AS FOLLOWS: 1. TEST AUXILIARY LUBE OIL PUMP AUTOMATIC START SWITCH. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25522-048- -MN FD PMP - MRC C5CB			MJC: EXECIEI0		Rev Date: 9/2/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25522-048)THE MAIN FEED PUMPS REQUIRES ASSESSMENT.	ACCOMPLISH THE MAIN FEED PUMPS ASSESSMENT IN ACCORDANCE WITH MRC C5CB AS FOLLOWS: 1. VERIFY ACCURACY OF ELECTRONIC OVERSPEED TRIP (EOST) SYSTEM SPEED INDICATOR. 2. TEST OPERATION OF "VERIFY SHUTDOWN" SWITCH. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25522-049- -MN FD PMP - MRC C5QU**MJC:** EXECIEI6**Rev Date:** 9/2/2011**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25522-049)THE MAIN FEED PUMPS REQUIRES ASSESSMENT.

ACCOMPLISH THE MAIN FEED PUMPS ASSESSMENT IN ACCORDANCE WITH MRC C5QU AS FOLLOWS: 1. TEST MAIN FEED PUMP LOW-SUCTION PRESSURE ALARM AND TRIP VALVE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25522-055- -MN FD PMP VIB TST - MRC G1P1			MJC: EXECIG98		Rev Date: 9/2/2011					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25522-055)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25531-001- -MN FD BSTR PMP UNIT - INSP/TST			MJC: EXECI071		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25531-001)THE MAIN FEED BOOSTER PUMP UNIT REQUIRES INSPECTION	INSPECT AND TEST THE MAIN FEED BOOSTER CENTRIFUGAL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25531-003- -MN FD BSTR PMP - RPR			MJC: EXECQ170		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,925	ManDays: 65	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25531-003)PUMP REQUIRES REPAIR	REPAIR THE MAIN FEED BOOSTER PUMP. DISCONNECT THE PUMP COUPLING. OPEN PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPORT CONDITIONS FOUND TO THE NSA. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. J. REPLACE STAGE PIECE(S). K. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTH COATING SYSTEM. L. MACHINE CASING IN WAY OF STUFFING BOX/MECH SEAL ASSEMBLY. M. REPLACE COUPLING. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, WEARING RINGS AND SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-25531-014- -MN FD BSTR PMP MOT-RWND			MJC: EXECJB79		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,200	ManDays: 26	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25531-014)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE MAIN FEED BOOSTER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25531-015- -MN FD BSTR PMP MOT-RPR				MJC: EXECJB81		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 300		ManDays: 14		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25531-015)ELECTRIC MOTOR REQUIRES RECONDITIONING				RECONDITION THE ELECTRIC MOTOR OF THE MAIN FEED BOOSTER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.					

Task/Abbreviation: Q-25531-016- -MN FD BSTR PMP MOT BRG-REPL			MJC: EXECJB83		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 150	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25531-016)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE MAIN FEED BOOSTER PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25531-017- -MN FD BSTR PMP MECH SEAL-REPL			MJC: EXECJBI1		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 350	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-25531-017)PUMP SEAL REQUIRES REPLACEMENT	REPLACE, IN-PLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: Q-25531-018- -MN FD BSTR PMP WEAR RINGS-REPL			MJC: EXECJBI2		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,200	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25531-018)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25531-019- -MN FD BSTR PMP RT ASSY - RPR			MJC: EXECJBI3		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 30	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25531-019)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25531-023- -MFBP VIB TST - MRC G1P1			MJC: EXECIG99		Rev Date: 9/2/2011					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25531-023)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-25531-024- -MACHALT 72575 - ACCOMP**MJC:** EXSAO289**Rev Date:** 3/10/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 0**Alt No:** MA 72575**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-25531-24) MACHALT 72575, MAIN FEED BOOSTER PUMP SEAL, NOT ACCOMPLISHED

ACCOMPLISH MACHALT 72575 (EQUIVALENT TO SCD 2575) WHICH INSTALLS A GSLW SEAL IN PLACE OF A SPLIT SEAL ON THE WARREN 5-CBVA-13 MAIN FEED BOOSTER PUMPS AND SEALED BEARINGS. THE GSLW SEAL WILL ALLOW FOR DRY RUN AND DOES NOT REQUIRE A SEAL FLUSH LINE FROM THE PUMP DISCHARGE. THE GSLW SEAL IS A NON-CONTACTING SEAL THEREBY ELIMINATING FAILURES DUE TO THERMAL BLISTERING. THE SEALED BEARINGS WILL ELIMINATE THE REQUIREMENT FOR THE BEARINGS TO BE LUBRICATED. POC: ROBERT FINK, 215-897-1455, ROBERT.H.FINK@NAVY.MIL

Task/Abbreviation: I-25532-001- -MN FD BSTR PMP UNIT - INSP/TST**MJC:** EXECI073**Rev Date:** 9/2/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 5 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 2**Reason:**

BASELINE

Problem Description:(I-25532-001)THE MAIN FEED BOOSTER PUMP UNIT
REQUIRES INSPECTION**Recommended Solution:**INSPECT AND TEST THE MAIN FEED BOOSTER CENTRIFUGAL PUMP.
REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE
FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B.
OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE
TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E.
RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS
SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK
REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25532-003- -MN FD BSTR PMP - RPR				MJC: EXECQ172		Rev Date: 9/2/2011	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,925	ManDays: 65	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25532-003)PUMP REQUIRES REPAIR	REPAIR THE MAIN FEED BOOSTER PUMP. DISCONNECT THE PUMP COUPLING. OPEN PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPORT CONDITIONS FOUND TO THE NSA. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. J. REPLACE STAGE PIECE(S). K. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTH COATING SYSTEM. L. MACHINE CASING IN WAY OF STUFFING BOX/MECH SEAL ASSEMBLY. M. REPLACE COUPLING. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, WEARING RINGS AND SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-25532-014- -MN FD BSTR PMP MOT-RWND				MJC: EXECJB80		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,200		ManDays: 26		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25532-014)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE MAIN FEED BOOSTER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25532-015- -MN FD BSTR PMP MOT-RPR			MJC: EXECJB82		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 300	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25532-015)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE MAIN FEED BOOSTER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-25532-016- -MN FD BSTR PMP MOT BRG-REPL				MJC: EXECJB84		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 150		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25532-016)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE MAIN FEED BOOSTER PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25532-017- -MN FD BSTR PMP MECH SEAL-REPL				MJC: EXECJBR6		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 350		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25532-017)PUMP SEAL REQUIRES REPLACEMENT				REPLACE, IN-PLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-25532-018- -MN FD BSTR PMP WEAR RINGS-REPL			MJC: EXECJBR7		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,200	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25532-018)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25532-019- -MN FD BSTR PMP RT ASSY - RPR			MJC: EXECJBR8		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 30	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25532-019)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25532-023- -MFBP VIB TST - MRC G1P1			MJC: EXECIGA0		Rev Date: 9/2/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25532-023)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25535-002- -EMER FD PMP - RPR**MJC:** EXECQB23**Rev Date:** 9/2/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 2,925 **ManDays:** 65 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:** **Problem Description:**
BASELINE (Q-25535-002)PUMP REQUIRES REPAIR**Recommended Solution:**
OPEN, CLEAN AND INSPECT THE STEAM DRIVEN EMERGENCY FEED PUMP (RECIPROCATING). MEASURE & RECORD AS-FOUND DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF STEAM AND LIQUID PISTONS & PISTON RODS, MAIN & AUXILIARY PISTON VALVES & MAIN & AUXILIARY PISTON VALVE LINERS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW STEAM PISTON RINGS, LIQUID PISTON PACKING, GASKETS & STEAM & LIQUID PISTON ROD & VALVE ROD PACKING ASSEMBLIES. REPLACE MISSING/UNSERVICEABLE FASTENERS. MEASURE & RECORD POST REPAIR DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS. A. REPAIR MAIN AND AUXILIARY PISTONS. B. REPLACE MAIN AND AUXILIARY PISTONS. C. REPAIR MAIN AND AUXILIARY PISTON RODS. D. REPLACE MAIN AND AUXILIARY PISTON RODS. E. REPLACE PISTON VALVES AND LINERS. F. REPAIR DISCHARGE & SUCTION VALVE ASSEMBLIES. G. REPLACE DISCHARGE & SUCTION VALVE ASSEMBLIES. H. HONE STEAM AND LIQUID CYLINDER

Task/Abbreviation: Q-25535-003- -EMER FD PMP STM END - RPR				MJC: EXECJBI4		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,500		ManDays: 17		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25535-003)PUMP REQUIRES REPAIR	OPEN, CLEAN AND INSPECT THE STEAM END OF THE EMERGENCY FEED PUMP (RECIPROCATING). MEASURE AND RECORD AS-FOUND DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF STEAM PISTON, PISTON ROD, AND STEAM CYLINDER LINER. REPORT CONDITIONS FOUND TO THE NSA. REPAIR WORN, SCORED OR PITTED PISTONS AND LINER AS REQUIRED. ASSEMBLE STEAM END USING NEW PISTON RINGS, PACKING AND GASKETS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25535-004- -EMER FD PMP LIQUID END - RPR				MJC: EXECJBI5		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,500		ManDays: 17		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25535-004)PUMP REQUIRES REPAIR	OPEN, CLEAN AND INSPECT THE LIQUID END OF THE EMERGENCY FEED PUMP (RECIPROCATING). MEASURE AND RECORD AS-FOUND DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF LIQUID END PISTON, PISTON ROD, CYLINDER LINER. REPORT CONDITIONS FOUND TO THE NSA. REPAIR WORN, SCORED OR PITTED PISTON AND LINER AS REQUIRED. ASSEMBLE LIQUID END USING NEW PISTON RINGS, PACKING AND GASKETS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25535-005- -EMER FD PMP STM END - RENEW				MJC: EXECJBI6		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,500		ManDays: 17		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25535-005)PUMP STEAM END COMPONENTS REQUIRE RENEWAL	OPEN, CLEAN AND INSPECT THE STEAM END OF THE EMERGENCY FEED PUMP (RECIPROCATING). MEASURE AND RECORD AS-FOUND DIMENSIONS, CLEARANCES AND RUNOUTS. REPLACE PISTON, PISTON ROD, PISTON RINGS, AND STEAM CYLINDER LINER AS REQUIRED. ASSEMBLE STEAM END USING NEW PACKING AND GASKETS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25535-006- -EMER FD PMP LIQUID END - RENEW		MJC: EXECJBI7	Rev Date: 9/2/2011		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,500	ManDays: 17	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25535-006)PUMP LIQUID END COMPONENTS REQUIRE RENEWAL	OPEN, CLEAN AND INSPECT THE LIQUID END OF THE EMERGENCY FEED PUMP (RECIPROCATING). MEASURE AND RECORD AS-FOUND DIMENSIONS, CLEARANCES AND RUNOUTS. REPLACE PISTON, PISTON ROD, PISTON RINGS, AND CYLINDER LINER AS REQUIRED. ASSEMBLE LIQUID END USING NEW PACKING AND GASKETS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST

Task/Abbreviation: Q-25535-007- -EMER FD PMP STM CHEST - RPR			MJC: EXECJBI8		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,500	ManDays: 10	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25535-007)PUMP STEAM CHEST COMPONENTS REQUIRE REPAIR	DISASSEMBLE FEED PUMP STEAM VALVE CHEST. MEASURE AND RECORD AS-FOUND DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF MAIN AND AUXILIARY PISTON VALVES, AND MAIN AND AUXILIARY CYLINDER LINERS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR WORN, SCORED OR PITTED PISTON VALVES AND CYLINDER LINERS AS REQUIRED. ASSEMBLE STEAM CHEST COMPONENTS USING NEW PISTON RINGS, PACKING AND GASKETS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST

Task/Abbreviation: Q-25535-008- -EMER FD PMP STM CHEST - RENEW				MJC: EXECJBI9		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,500		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25535-008)PUMP STEAM CHEST COMPONENTS REQUIRE RENEWAL	DISASSEMBLE THE EMERGENCY FEED PUMP STEAM VALVE CHEST. MEASURE AND RECORD AS-FOUND DIMENSIONS, CLEARANCES AND RUNOUTS. REPORT CONDITIONS FOUND TO THE NSA. REPLACE MAIN AND AUXILIARY PISTON VALVES AND MAIN AND AUXILIARY CYLINDER LINERS. ASSEMBLE STEAM CHEST COMPONENTS USING NEW PISTON RINGS, PACKING AND GASKETS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25535-009- -EMER FD PMP LIQ END VLVS-REPL			MJC: EXECJBJ0		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,200	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25535-009)VALVE REQUIRES REPLACEMENT	DISASSEMBLE EMERGENCY FEED PUMP LIQUID END VALVE CHEST FOR ACCESS TO SUCTION AND DISCHARGE VALVES. DISASSEMBLE EACH SUCTION AND DISCHARGE VALVE. REASSEMBLE SUCTION AND DISCHARGE VALVES USING NEW DISCS, SPRINGS, STEMS, VALVE PLATES, AND GASKETS. REPLACE MISSING OR UNSERVICEABLE HARDWARE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST

Task/Abbreviation: Q-25535-010- -EMER FD PMP VLV LINKAGE - RPR			MJC: EXECJBJ1		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25535-010)PUMP REQUIRES REPAIR	DISASSEMBLE EMERGENCY FEED PUMP STEAM VALVE LINKAGE AND CROSSHEAD ASSEMBLY. REMOVE AND REPLACE KNUCKLE JOINT BUSHING, PEDESTAL BUSHING, AND LOWER LINK BUSHINGS. ADJUST THE PISTON STROKE OF THE PUMP AS REQUIRED. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25535-011- -EMER FD AND XFR PMP - MRC A6YX**MJC:** EXECID16**Rev Date:** 9/2/2011**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25535-011)THE EMERGENCY FEED AND
TRANSFER PUMPS REQUIRES ASSESSMENT.ACCOMPLISH THE EMERGENCY FEED AND TRANSFER PUMPS
ASSESSMENT IN ACCORDANCE WITH MRC A6YX AS FOLLOWS: 1.
OPERATE PUMP BY STEAM/AIR. 2. LUBRICATE PINS OF VALVE
OPERATING GEAR. REPORT CONDITIONS FOUND TO SHIP'S CSMP.
PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND
POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64)
IAW NAVSEAINST 4790.8B.

Task/Abbreviation: D-25540-002- -SHIPALT LHD1-00178D - ACCOMP			MJC: EXSAD080		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required: NO
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 15,000	ManDays: 136	Alt No: SALHD 00178 D	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-25540-2) SHIPALT LHD1-0178D, REPL MAIN CONDENSATE PMP SUC, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-178D "REPLACE MAIN CONDENSATE PUMP VALVES" WHICH REPLACES MAIN CONDENSATE PUMP (MCP) SUCTION BUTTERFLY VALVES WITH STANDARD 10 INCH GATE VALVES.

Task/Abbreviation: I-25551-001- -MN CNDS PMP UNIT - INSP/TST**MJC:** EXECI079**Rev Date:** 9/2/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** **ManDays:** 5 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:**

BASELINE

Problem Description:(I-25551-001)THE MAIN CONDENSATE PUMP UNIT
REQUIRES INSPECTION**Recommended Solution:**INSPECT AND TEST THE MAIN CONDENSATE CENTRIFUGAL PUMP.
REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE
FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B.
OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE
TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E.
RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS
SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK
REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25551-003- -MN CNDS PMP - RPR**MJC:** EXECQBK1**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,350**ManDays:** 30**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25551-003)PUMP REQUIRES REPAIR

REPAIR THE MAIN CONDENSATE PUMP. DISCONNECT THE PUMP COUPLING. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-25551-014- -MN CNDS PMP MOT-RWND				MJC: EXECJB91		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,308	ManDays: 28	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25551-014)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE MAIN CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25551-015- -MN CNDS PMP MOT-RPR			MJC: EXECJB93		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 17	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25551-015)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE MAIN CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-25551-016- -MN CNDS PMP MOT BRG-REPL				MJC: EXECJB95		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 180		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25551-016)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE MAIN CONDENSATE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25551-017- -MN CNDS PMP MECH SEAL - REPL				MJC: EXECJBJ2		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,350		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25551-017)PUMP SEAL REQUIRES REPLACEMENT				REPLACE, IN-PLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST					

Task/Abbreviation: Q-25551-018- -MN CNDS PMP WEAR RINGS-REPL		MJC: EXECJB3		Rev Date: 9/2/2011	
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,350	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25551-018)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25551-019- -MN CNDS PMP RT ASSY - RPR			MJC: EXECJB4		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,350	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25551-019)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25551-026- -MN CNDS PMP VIB TST - MRC G1P1			MJC: EXECIGA1		Rev Date: 9/2/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25551-026)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25552-001- -MN CNDS PMP UNIT - INSP/TST			MJC: EXECI080		Rev Date: 3/19/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25552-001)THE MAIN CONDENSATE PUMP UNIT REQUIRES INSPECTION	INSPECT AND TEST THE MAIN CONDENSATE CENTRIFUGAL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25552-003- -MN CNDS PMP - RPR**MJC:** EXECQ182**Rev Date:** 7/6/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,350**ManDays:** 30**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25552-003)PUMP REQUIRES REPAIR

REPAIR THE MAIN CONDENSATE PUMP. DISCONNECT THE PUMP COUPLING. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-25552-014- -MN CNDS PMP MOT-RWND				MJC: EXECJB92		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,308		ManDays: 28		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25552-014)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE MAIN CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25552-015- -MN CNDS PMP MOT-RPR				MJC: EXECJB94		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 17	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25552-015)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE MAIN CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-25552-016- -MN CNDS PMP MOT BRG-REPL				MJC: EXECJB96		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 180		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25552-016)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE MAIN CONDENSATE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25552-017- -MN CNDS PMP MECH SEAL - REPL				MJC: EXECJBS2		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,350		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25552-017)PUMP SEAL REQUIRES REPLACEMENT				REPLACE, IN-PLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST					

Task/Abbreviation: Q-25552-018- -MN CNDS PMP WEAR RINGS-REPL				MJC: EXECJBS3		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,350		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25552-018)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25552-019- -MN CNDS PMP RT ASSY - RPR				MJC: EXECJBS4		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,350	ManDays: 15	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25552-019)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25552-026- -MN CNDS PMP VIB TST - MRC G1P1			MJC: EXECIGA2		Rev Date: 6/9/2006
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25552-026)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25561-001- -AUX CNDS PMP UNIT - INSP/TST			MJC: EXECI083		Rev Date: 2/21/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25561-001)THE AUXILIARY CONDENSATE PUMP UNIT REQUIRES INSPECTION	INSPECT AND TEST THE AUXILIARY CONDENSATE CENTRIFUGAL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25561-003- -AUX CNDS PMP - RPR**MJC:** EXECQ191**Rev Date:** 7/12/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,350**ManDays:** 30**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25561-003)PUMP REQUIRES REPAIR

REPAIR AUXILIARY CONDENSATE PUMP. DISCONNECT THE PUMP COUPLING. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-25561-010- -AUX CNDS PMP MOT-RWND				MJC: EXECJD59		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 456		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25561-010)ELECTRIC MOTOR REQUIRES REWINDING				REWIND THE ELECTRIC MOTOR OF THE AUXILIARY CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-25561-011- -AUX CNDS PMP MOT-RPR			MJC: EXECJD64		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 180	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25561-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE AUXILIARY CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-25561-012- -AUX CNDS PMP MOT BRG-REPL				MJC: EXECJD69		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 90		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25561-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE AUXILIARY CONDENSATE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25561-013- -AUX CNDS PMP MECH SEAL - REPL				MJC: EXECJBS8		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 350		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25561-013)PUMP SEAL REQUIRES REPLACEMENT				REPLACE, IN-PLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST					

Task/Abbreviation: Q-25561-014- -AUX CNDS PMP WEAR RINGS-REPL				MJC: EXECJBS9		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,200		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25561-014)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25561-015- -AUX CNDS PMP RT ASSY - RPR				MJC: EXECJBT0		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25561-015)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25561-020- -AUX CNDS PMP VIB TST- MRC G1P1			MJC: EXECIGA3		Rev Date: 6/9/2006
RCM Analysis: 7/12/2004		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25561-020)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25562-001- -AUX CNDS PMP UNIT - INSP/TST**MJC:** EXECI084**Rev Date:** 9/2/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1**Matl Cost:** **ManDays:** 3**Alt No:****Referenced Authority:** **Repair Pool:****MCC:** 2**Reason:**

BASELINE

Problem Description:(I-25562-001)THE AUXILIARY CONDENSATE PUMP
UNIT REQUIRES INSPECTION**Recommended Solution:**INSPECT AND TEST THE AUXILIARY CONDENSATE CENTRIFUGAL
PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE
THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES.
B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE
TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E.
RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS
SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK
REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25562-003- -AUX CNDS PMP - RPR**MJC:** EXECQ195**Rev Date:** 7/12/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,350**ManDays:** 30**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25562-003)PUMP REQUIRES REPAIR

REPAIR AUXILIARY CONDENSATE PUMP. DISCONNECT THE PUMP COUPLING. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-25562-010- -AUX CNDS PMP MOT-RWND				MJC: EXECJD60		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 456		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25562-010)ELECTRIC MOTOR REQUIRES REWINDING				REWIND THE ELECTRIC MOTOR OF THE AUXILIARY CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-25562-011- -AUX CNDS PMP MOT-RPR			MJC: EXECJD65		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 180	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25562-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE AUXILIARY CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-25562-012- -AUX CNDS PMP MOT BRG-REPL			MJC: EXECJD70		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 90	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25562-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE AUXILIARY CONDENSATE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25562-013- -AUX CNDS PMP MECH SEAL - REPL				MJC: EXECJBT4		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 350		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25562-013)PUMP SEAL REQUIRES REPLACEMENT				REPLACE, IN-PLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST					

Task/Abbreviation: Q-25562-014- -AUX CNDS PMP WEAR RINGS-REPL			MJC: EXECJBT5		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,200	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25562-014)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25562-015- -AUX CNDS PMP RT ASSY - RPR				MJC: EXECJBT6		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25562-015)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25562-020- -AUX CNDS PMP VIB TST- MRC G1P1			MJC: EXECIGA4		Rev Date: 9/2/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25562-020)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25563-001- -AUX CNDS PMP UNIT - INSP/TST			MJC: EXECI085		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25563-001)THE AUXILIARY CONDENSATE PUMP UNIT REQUIRES INSPECTION	INSPECT AND TEST THE AUXILIARY CONDENSATE CENTRIFUGAL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25563-003- -AUX CNDS PMP - RPR**MJC:** EXECQ199**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,350**ManDays:** 30**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25563-003)PUMP REQUIRES REPAIR

REPAIR AUXILIARY CONDENSATE PUMP. DISCONNECT THE PUMP COUPLING. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-25563-010- -AUX CNDS PMP MOT-RWND				MJC: EXECJD61		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 456		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25563-010)ELECTRIC MOTOR REQUIRES REWINDING				REWIND THE ELECTRIC MOTOR OF THE AUXILIARY CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-25563-011- -AUX CNDS PMP MOT-RPR			MJC: EXECJD66		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 180	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25563-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE AUXILIARY CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-25563-012- -AUX CNDS PMP MOT BRG-REPL				MJC: EXECJD71		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 90		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25563-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT				DISASSEMBLE THE ELECTRIC MOTOR OF THE AUXILIARY CONDENSATE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-25563-013- -AUX CNDS PMP MECH SEAL - REPL			MJC: EXECJBU0		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 350	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-25563-013)PUMP SEAL REQUIRES REPLACEMENT	REPLACE, IN-PLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST			

Task/Abbreviation: Q-25563-014- -AUX CNDS PMP WEAR RINGS-REPL				MJC: EXECJBU1		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,200		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25563-014)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25563-015- -AUX CNDS PMP RT ASSY - RPR				MJC: EXECJBU2		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25563-015)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25563-020- -AUX CNDS PMP VIB TST- MRC G1P1			MJC: EXECIGA5		Rev Date: 9/2/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25563-020)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25564-001- -AUX CNDS PMP UNIT - INSP/TST			MJC: EXECI086		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25564-001)THE AUXILIARY CONDENSATE PUMP UNIT REQUIRES INSPECTION	INSPECT AND TEST THE AUXILIARY CONDENSATE CENTRIFUGAL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25564-003- -AUX CNDS PMP - RPR			MJC: EXECQ203		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,350	ManDays: 30	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25564-003)PUMP REQUIRES REPAIR	REPAIR AUXILIARY CONDENSATE PUMP. DISCONNECT THE PUMP COUPLING. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-25564-010- -AUX CNDS PMP MOT-RWND			MJC: EXECJD62		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 456	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25564-010)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE AUXILIARY CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25564-011- -AUX CNDS PMP MOT-RPR			MJC: EXECJD67		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 180	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25564-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE AUXILIARY CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-25564-012- -AUX CNDS PMP MOT BRG-REPL				MJC: EXECJD72		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 90		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25564-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE AUXILIARY CONDENSATE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25564-013- -AUX CNDS PMP MECH SEAL - REPL				MJC: EXECJBU6		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 350		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25564-013)PUMP SEAL REQUIRES REPLACEMENT				REPLACE, IN-PLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST					

Task/Abbreviation: Q-25564-014- -AUX CNDS PMP WEAR RINGS-REPL				MJC: EXECJBU7		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,200		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25564-014)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25564-015- -AUX CNDS PMP RT ASSY - RPR			MJC: EXECJBU8		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25564-015)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25564-020- -AUX CNDS PMP VIB TST- MRC G1P1			MJC: EXECIGA6		Rev Date: 9/2/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25564-020)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25565-001- -AUX CNDS PMP UNIT - INSP/TST**MJC:** EXECI233**Rev Date:** 9/2/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1**Matl Cost:** **ManDays:** 3**Alt No:****Referenced Authority:** **Repair Pool:****MCC:** 2**Reason:**

BASELINE

Problem Description:(I-25565-001)THE AUXILIARY CONDENSATE PUMP
UNIT REQUIRES INSPECTION**Recommended Solution:**INSPECT AND TEST THE AUXILIARY CONDENSATE CENTRIFUGAL
PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE
THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES.
B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE
TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E.
RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS
SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK
REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25565-003- -AUX CNDS PMP - RPR**MJC:** EXECQ806**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,350**ManDays:** 30**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25565-003)PUMP REQUIRES REPAIR

REPAIR AUXILIARY CONDENSATE PUMP. DISCONNECT THE PUMP COUPLING. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-25565-010- -AUX CNDS PMP MOT-RWND			MJC: EXECJD63		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 456	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25565-010)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE AUXILIARY CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25565-011- -AUX CNDS PMP MOT-RPR			MJC: EXECJD68		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 180	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25565-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE AUXILIARY CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-25565-012- -AUX CNDS PMP MOT BRG-REPL			MJC: EXECJD73		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 90	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25565-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE AUXILIARY CONDENSATE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25565-013- -AUX CNDS PMP MECH SEAL - REPL				MJC: EXECJBV2		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 350		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-25565-013)PUMP SEAL REQUIRES REPLACEMENT				REPLACE, IN-PLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST					

Task/Abbreviation: Q-25565-014- -AUX CNDS PMP WEAR RINGS-REPL				MJC: EXECJBV3		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,200		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25565-014)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25565-015- -AUX CNDS PMP RT ASSY - RPR				MJC: EXECJBV4		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25565-015)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25565-019- -AUX CNDS PMP VIB TST- MRC G1P1			MJC: EXECIGA7		Rev Date: 9/2/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25565-019)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25571-001- -DEAERATING FD TK - INSP/RPR**MJC:** EXECI087**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25571-001)THE DEAERATING FEED TANK
REQUIRES INSPECTION AND REPAIRINSPECT AND REPAIR THE DEAERATING FEED TANK, AS FOLLOWS:
A. OPEN TANK FOR INTERNAL EXAMINATION. B. REMOVE RELIEF
VALVE AND SHIP TO SHOP FOR INSPECTION: 1. VERIFY LIFTING
PRESSURE AND ADJUST AS REQUIRED. 2. VERIFY CONDITION OF
VALVE AND VALVE SEAT SEATING SURFACES. C. REMOVE SPRAY
VALVES TO SHOP AND VERIFY SPRAY PATTERNS. D. TEST VACUUM
BREAKER AND REPLACE IF DEFECTIVE. E. REINSTALL
COMPONENTS USING NEW GASKETS, JOINT SEALING COMPOUND
AND REPLACE UNSERVICEABLE FASTENERS. F. CONDUCT SHEAR
WAVE ULTRASONIC INSPECTION OF THE DFT. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: I-25571-002- -DEAERATING FD TK EXT- MRC A4V4			MJC: EXECIJ11		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25571-002) DEAERATING FEED TANK EXTERIOR REQUIRES INSPECTION.	ACCOMPLISH DEAERATING FEED TANK ASSESSMENT IN ACCORDANCE WITH MRC A4V4 AS FOLLOWS: 1. INSPECT DEAERATING FEED TANK EXTERIOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25572-001- -DEAERATING FD TK - INSP/RPR			MJC: EXECI088		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25572-001)THE DEAERATING FEED TANK REQUIRES INSPECTION AND REPAIR	INSPECT AND REPAIR THE DEAERATING FEED TANK, AS FOLLOWS: A. OPEN TANK FOR INTERNAL EXAMINATION. B. REMOVE RELIEF VALVE AND SHIP TO SHOP FOR INSPECTION: 1. VERIFY LIFTING PRESSURE AND ADJUST AS REQUIRED. 2. VERIFY CONDITION OF VALVE AND VALVE SEAT SEATING SURFACES. C. REMOVE SPRAY VALVES TO SHOP AND VERIFY SPRAY PATTERNS. D. TEST VACUUM BREAKER AND REPLACE IF DEFECTIVE. E. REINSTALL COMPONENTS USING NEW GASKETS, JOINT SEALING COMPOUND AND REPLACE UNSERVICEABLE FASTENERS. F. CONDUCT SHEAR WAVE ULTRASONIC INSPECTION OF THE DFT. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25572-002- -DEAERATING FD TK EXT- MRC A4V4			MJC: EXECIJ12		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25572-002) DEAERATING FEED TANK EXTERIOR REQUIRES INSPECTION.	ACCOMPLISH DEAERATING FEED TANK ASSESSMENT IN ACCORDANCE WITH MRC A4V4 AS FOLLOWS: 1. INSPECT DEAERATING FEED TANK EXTERIOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25611-001- -(M)CIRC CLG SW EXP JOINTS-INSP			MJC: EXECM099		Rev Date: 2/4/2005
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: X	Removal Required:	
Lvl of Maint: 1	Freq: 60	Equip/Task: X	Matl Cost: 1,000	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25611-001)NSTM REQUIREMENT DUE	IAW NSTM CH-505, PARA, 505-3.3.7, INSPECT THE RUBBER EXPANSION JOINTS OF THE CIRCULATING AND COOLING SEA WATER PIPING SYSTEM. INSPECT INTERNALLY FOR CUTS, GOUGES AND DEFECTS AS FOLLOWS: A. FOR SMALLER DIAMETER JOINTS (16" AND UNDER) - REMOVE AND INSPECT RUBBER EXPANSION JOINTS. REPORT CONDITIONS FOUND TO THE NSA. REPLACE WITH NEW ONES IF FOUND DEFECTIVE. B. FOR LARGER DIAMETER JOINTS (SUCH AS THOSE FOUND IN CONDENSER PIPING) - CHECK FROM INSIDE THE CONDENSER HEAD. REPLACE WITH NEW IF FOUND DEFECTIVE. C. REPLACE MAIN AND AUXILIARY CIRCULATING SYSTEM RUBBER EXPANSION JOINTS THAT HAVE EXCEEDED 120 MONTHS FROM DATE OF INSTALLATION. D. REALIGN JOINTS THAT FAIL ALIGNMENT IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUAL. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25611-008- -CIRC & CLG SW PP - UT		MJC: EXECI466		Rev Date: 2/25/2003	
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: X	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: X	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25611-008)THE MAIN CIRCULATING AND COOLING SEA WATER PIPING REQUIRES ULTRASONIC TESTING	ULTRASONICALLY-TEST THE MAIN CIRCULATING AND COOLING SEA WATER PIPING AS FOLLOWS: A. CLEAN PIPING TO BARE METAL AT AREAS TO BE TESTED. B. OBTAIN FOUR (4) READINGS AT EACH SELECTED AREA, NINETY DEGREES (90 DEGS) APART IN THE FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT TO HANGERS AND EXTERNAL CORROSION. C. PRESERVE DISTURBED PIPING AREAS. D. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. NOTE: 1. ULTRASONIC TESTING NOT REQUIRED ON MONEL PIPING. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25612-001- -(M)CIRC CLG SW EXP JOINTS-INSP**MJC:** EXECM100**Rev Date:** 2/4/2005**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** X**Removal Required:****Lvl of Maint:** 1**Freq:** 60**Equip/Task:** X**Matl Cost:** 1,000**ManDays:** 9**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25612-001)NSTM REQUIREMENT DUE

IAW NSTM CH-505, PARA, 505-3.3.7, INSPECT THE RUBBER EXPANSION JOINTS OF THE CIRCULATING AND COOLING SEA WATER PIPING SYSTEM. INSPECT INTERNALLY FOR CUTS, GOUGES AND DEFECTS AS FOLLOWS: A. FOR SMALLER DIAMETER JOINTS (16" AND UNDER) - REMOVE AND INSPECT RUBBER EXPANSION JOINTS. REPORT CONDITIONS FOUND TO THE NSA. REPLACE WITH NEW ONES IF FOUND DEFECTIVE. B. FOR LARGER DIAMETER JOINTS (SUCH AS THOSE FOUND IN CONDENSER PIPING) - CHECK FROM INSIDE THE CONDENSER HEAD. REPLACE WITH NEW IF FOUND DEFECTIVE. C. REPLACE MAIN AND AUXILIARY CIRCULATING SYSTEM RUBBER EXPANSION JOINTS THAT HAVE EXCEEDED 120 MONTHS FROM DATE OF INSTALLATION. D. REALIGN JOINTS THAT FAIL ALIGNMENT IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUAL. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25612-008- -CIRC & CLG SW PP - UT**MJC:** EXECI467**Rev Date:** 2/25/2003**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** X**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** X**Matl Cost:** 450**ManDays:** 9**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25612-008)THE MAIN CIRCULATING AND COOLING
SEA WATER PIPING REQUIRES ULTRASONIC
TESTINGULTRASONICALLY-TEST THE MAIN CIRCULATING AND COOLING SEA
WATER PIPING AS FOLLOWS: A. CLEAN PIPING TO BARE METAL AT
AREAS TO BE TESTED. B. OBTAIN FOUR (4) READINGS AT EACH
SELECTED AREA, NINETY DEGREES (90 DEGS) APART IN THE
FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE
RADIUS). 2. AREAS ADJACENT TO HANGERS AND EXTERNAL
CORROSION. C. PRESERVE DISTURBED PIPING AREAS. D. REPORT
CONDITIONS FOUND TO THE SHIP'S CSMP. NOTE: 1. ULTRASONIC
TESTING NOT REQUIRED ON MONEL PIPING. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: Q-25621-012- -MN CIRC PMP - RPR**MJC:** EXECQ810**Rev Date:** 7/12/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 3,150**ManDays:** 70**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25621-012)PUMP REQUIRES REPAIR

REPAIR THE MAIN CIRC PUMP (PROPELLER TYPE). DISCONNECT THE PUMP COUPLING. OPEN PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. MEASURE AND RECORD AS-FOUND RUNNING CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND PUMP SHAFT SLEEVE. REPORT CONDITIONS FOUND TO THE NSA. A. RESURFACE AND MACHINE SHAFT JOURNALS. B. REPLACE PUMP SHAFT. C. REPLACE PUMP SHAFT SLEEVES. D. REPLACE PROPELLER. E. MACHINE AND FIT WEARING RINGS. F. DYNAMICALLY BALANCE ROTATING ASSEMBLY. G. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTH COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. MACHINE COUPLING FACE AND/OR REPLACE COUPLING. J. MACHINE PUMP CASING MOUNTING FLANGE FACE. REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, MECHANICAL SEALS OR PACKING. MEASURE AND RECORD POST REPAIR RUNNING CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25621-018- -MN CIRC PMP MOT-RWND				MJC: EXECJB97		Rev Date: 5/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 4,860		ManDays: 77		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25621-018)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE MAIN CIRCULATING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25621-019- -MN CIRC PMP MOT-RPR				MJC: EXECJB99		Rev Date: 5/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 540		ManDays: 47		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25621-019)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE MAIN CIRCULATING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-25621-020- -MN CIRC PMP MOT BRG-REPL				MJC: EXECJC01		Rev Date: 5/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 270		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25621-020)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE MAIN CIRCULATING PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25621-028- -MN CIRC PMP ROTATING ASSY-RPR			MJC: EXECJBW1		Rev Date: 5/24/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 3,150	ManDays: 63	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25621-028)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REPAIR CIRCULATING PUMP (PROPELLER TYPE) ROTATING ASSEMBLY. OPEN PUMP CASING. REMOVE THE PUMP ROTATING ASSEMBLY TO THE SHOP. CLEAN & INSPECT ALL COMPONENTS. MEASURE & RECORD AS-FOUND RUNNING CLEARANCES & RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT & PUMP SHAFT SLEEVE. REPORT CONDITIONS FOUND TO THE NSA. A. RESURFACE AND MACHINE SHAFT JOURNALS. B. REPLACE PUMP SHAFT. C. REPLACE PUMP SHAFT SLEEVES. D. REPLACE PROPELLER. E. DYNAMICALLY BALANCE ROTATING ASSEMBLY. ASSEMBLE UNIT USING NEW BEARINGS, GASKETS, MECHANICAL SEALS OR PACKING & WEARING RINGS. MEASURE & RECORD POST-REPAIR RUNNING CLEARANCES & RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25621-029- -MN CIRC PMP ROTATING ASSY-REPL				MJC: EXECJBW2		Rev Date: 5/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 3,150		ManDays: 14		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25621-029)PUMP ROTATING ASSEMBLY REQUIRES REPLACEMENT	OPEN PUMP CASING. REMOVE THE PUMP ROTATING ASSEMBLY. REPLACE THE PUMP ROTATING ASSEMBLY WITH NEW COMPONENTS. DYNAMICALLY BALANCE ROTATING ASSEMBLY. ASSEMBLE UNIT USING NEW BEARINGS, GASKETS, MECHANICAL SEALS OR PACKING & WEARING RINGS. MEASURE & RECORD POST-REPAIR RUNNING CLEARANCES & RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25621-030- -CIRC PMP MOT/CONT - MRC G1A1			MJC: EXECI580		Rev Date: 6/21/2005						
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 2	Removal Required:				
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:		
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25621-030)THE CIRCULATING AND COOLING SEAWATER PUMP MOTOR AND CONTROLLER REQUIRES ASSESSMENT.	ACCOMPLISH THE CIRCULATING AND COOLING SEAWATER PUMP MOTOR AND CONTROLLER ASSESSMENT IN ACCORDANCE WITH MRC G1A1 AS FOLLOWS: 1. INSPECT MOTOR AND CONTROLLER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25621-044- -MN CIRC PMP VIB TST - MRC G1P1			MJC: EXECIGA8		Rev Date: 6/15/2006					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25621-044)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25622-012- -MN CIRC PMP - RPR**MJC:** EXECQ981**Rev Date:** 7/12/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 3,150**ManDays:** 70**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-25622-012)PUMP REQUIRES REPAIR

REPAIR THE MAIN CIRC PUMP (PROPELLER TYPE). DISCONNECT THE PUMP COUPLING. OPEN PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. MEASURE AND RECORD AS-FOUND RUNNING CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND PUMP SHAFT SLEEVE. REPORT CONDITIONS FOUND TO THE NSA. A. RESURFACE AND MACHINE SHAFT JOURNALS. B. REPLACE PUMP SHAFT. C. REPLACE PUMP SHAFT SLEEVES. D. REPLACE PROPELLER. E. MACHINE AND FIT WEARING RINGS. F. DYNAMICALLY BALANCE ROTATING ASSEMBLY. G. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTH COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. MACHINE COUPLING FACE AND/OR REPLACE COUPLING. J. MACHINE PUMP CASING MOUNTING FLANGE FACE. REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, MECHANICAL SEALS OR PACKING. MEASURE AND RECORD POST REPAIR RUNNING CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25622-017- -MN CIRC PMP MOT-RWND				MJC: EXECJB98		Rev Date: 5/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 4,860		ManDays: 77		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25622-017)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE MAIN CIRCULATING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25622-018- -MN CIRC PMP MOT-RPR			MJC: EXECJC00		Rev Date: 5/24/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 540	ManDays: 47	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25622-018)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE MAIN CIRCULATING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-25622-019- -MN CIRC PMP MOT BRG-REPL				MJC: EXECJC02		Rev Date: 5/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 270		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25622-019)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE MAIN CIRCULATING PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25622-024- -MN CIRC PMP ROTATING ASSY-RPR			MJC: EXECJBW7		Rev Date: 5/24/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 3,150	ManDays: 63	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25622-024)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	OPEN PUMP CASING. REMOVE THE PUMP ROTATING ASSEMBLY TO THE SHOP. CLEAN & INSPECT ALL COMPONENTS. MEASURE & RECORD AS-FOUND RUNNING CLEARANCES & RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT & PUMP SHAFT SLEEVE. REPORT CONDITIONS FOUND TO THE NSA. A. RESURFACE AND MACHINE SHAFT JOURNALS. B. REPLACE PUMP SHAFT. C. REPLACE PUMP SHAFT SLEEVES. D. REPLACE PROPELLER. E. DYNAMICALLY BALANCE ROTATING ASSEMBLY. ASSEMBLE UNIT USING NEW BEARINGS, GASKETS, MECHANICAL SEALS OR PACKING & WEARING RINGS. MEASURE & RECORD POST-REPAIR RUNNING CLEARANCES & RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25622-025- -MN CIRC PMP ROTATING ASSY-REPL			MJC: EXECJBW8		Rev Date: 5/24/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 3,150	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25622-025)PUMP ROTATING ASSEMBLY REQUIRES REPLACEMENT	OPEN PUMP CASING. REMOVE THE PUMP ROTATING ASSEMBLY. REPLACE THE PUMP ROTATING ASSEMBLY WITH NEW COMPONENTS. DYNAMICALLY BALANCE ROTATING ASSEMBLY. ASSEMBLE UNIT USING NEW BEARINGS, GASKETS, MECHANICAL SEALS OR PACKING & WEARING RINGS. MEASURE & RECORD POST-REPAIR RUNNING CLEARANCES & RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25622-026- -CIRC PMP MOT/CONT - MRC G1A1**MJC:** EXECI591**Rev Date:** 6/21/2005**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25622-026)THE CIRCULATING AND COOLING SEAWATER PUMP MOTOR AND CONTROLLER REQUIRES ASSESSMENT.

ACCOMPLISH THE CIRCULATING AND COOLING SEAWATER PUMP MOTOR AND CONTROLLER ASSESSMENT IN ACCORDANCE WITH MRC G1A1 AS FOLLOWS: 1. INSPECT MOTOR AND CONTROLLER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25622-039- -MN CIRC PMP VIB TST - MRC G1P1			MJC: EXECIGA9		Rev Date: 6/15/2006					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25622-039)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25631-001- -AUX CIRC PMP UNIT - INSP**MJC:** EXECI091**Rev Date:** 2/21/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25631-001)THE AUXILIARY CIRCULATING PUMP
UNIT REQUIRES INSPECTIONINSPECT AND TEST THE AUXILIARY CIRCULATING CENTRIFUGAL
PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE
THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES.
B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE
TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E.
RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS
SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK
REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25631-005- -AUX CIRC PMP - RPR			MJC: EXECQ223		Rev Date: 7/12/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25631-005)PUMP REQUIRES REPAIR	REPAIR AUXILIARY CIRCULATING PUMP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25631-010- -AUX CIRC PMP MOT-RWND				MJC: EXECJD74		Rev Date: 5/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,472		ManDays: 30		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25631-010)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE AUXILIARY CIRCULATING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25631-011- -AUX CIRC PMP MOT-RPR				MJC: EXECJD79		Rev Date: 5/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 396		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25631-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE AUXILIARY CIRCULATING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 300-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-25631-012- -AUX CIRC PMP MOT BRG-REPL				MJC: EXECJD84		Rev Date: 5/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 198		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25631-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE AUXILIARY CIRCULATING PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation:		Q-25631-013- -AUX CIRC PMP MECH SEAL - REPL		MJC: EXECJBJ9		Rev Date: 5/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25631-013)PUMP SEAL REQUIRES REPLACEMENT	REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25631-014- -AUX CIRC PMP WEAR RINGS - REPL			MJC: EXECJBK0		Rev Date: 3/22/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25631-014)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25631-015- -AUX CIRC PMP ROTATING ASSY-RPR				MJC: EXECJBK1		Rev Date: 5/24/2005	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 5	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 6	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25631-015)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25631-020- -AUX SW PMP VIB TST - MRC G1P1			MJC: EXECIGB0		Rev Date: 6/9/2006						
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:				
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:		
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25631-020)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25632-001- -AUX CIRC PMP UNIT - INSP**MJC:** EXECI092**Rev Date:** 2/21/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25632-001)THE AUXILIARY CIRCULATING PUMP
UNIT REQUIRES INSPECTIONINSPECT AND TEST THE AUXILIARY CIRCULATING CENTRIFUGAL
PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE
THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES.
B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE
TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E.
RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS
SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK
REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25632-005- -AUX CIRC PMP - RPR			MJC: EXECQ226		Rev Date: 7/12/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25632-005)PUMP REQUIRES REPAIR	REPAIR AUXILIARY CIRCULATING PUMP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25632-010- -AUX CIRC PMP MOT-RWND			MJC: EXECJD75		Rev Date: 5/24/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,472	ManDays: 30	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25632-010)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE AUXILIARY CIRCULATING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25632-011- -AUX CIRC PMP MOT-RPR				MJC: EXECJD80		Rev Date: 5/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 396		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25632-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE AUXILIARY CIRCULATING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 300-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-25632-012- -AUX CIRC PMP MOT BRG-REPL				MJC: EXECJD85		Rev Date: 5/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 198		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25632-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE AUXILIARY CIRCULATING PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25632-016- -AUX CIRC PMP MECH SEAL - REPL		MJC: EXECJBX5	Rev Date: 5/25/2005		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 2	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25632-016)PUMP SEAL REQUIRES REPLACEMENT	REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25632-017- -AUX CIRC PMP WEAR RINGS - REPL				MJC: EXECJBX6		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25632-017)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25632-018- -AUX CIRC PMP ROTATING ASSY-RPR				MJC: EXECJBX7		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25632-018)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25632-020- -AUX SW PMP VIB TST - MRC G1P1			MJC: EXECIGB1		Rev Date: 6/9/2006					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25632-020)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25633-001- -AUX CIRC PMP UNIT - INSP**MJC:** EXECI093**Rev Date:** 2/21/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25633-001)THE AUXILIARY CIRCULATING PUMP
UNIT REQUIRES INSPECTIONINSPECT AND TEST THE AUXILIARY CIRCULATING CENTRIFUGAL
PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE
THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES.
B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE
TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E.
RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS
SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK
REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25633-005- -AUX CIRC PMP - RPR				MJC: EXECQ229		Rev Date: 7/12/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25633-005)PUMP REQUIRES REPAIR	REPAIR AUXILIARY CIRCULATING PUMP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25633-010- -AUX CIRC PMP MOT-RWND			MJC: EXECJD76		Rev Date: 5/25/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,472	ManDays: 30	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25633-010)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE AUXILIARY CIRCULATING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25633-011- -AUX CIRC PMP MOT-RPR			MJC: EXECJD81		Rev Date: 5/25/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 396	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25633-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE AUXILIARY CIRCULATING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 300-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-25633-012- -AUX CIRC PMP MOT BRG-REPL			MJC: EXECJD86		Rev Date: 5/25/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 198	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25633-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE AUXILIARY CIRCULATING PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25633-016- -AUX CIRC PMP MECH SEAL - REPL			MJC: EXECJBY1		Rev Date: 5/25/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25633-016)PUMP SEAL REQUIRES REPLACEMENT	REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25633-017- -AUX CIRC PMP WEAR RINGS - REPL				MJC: EXECJBY2		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25633-017)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25633-018- -AUX CIRC PMP ROTATING ASSY-RPR				MJC: EXECJBY3		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25633-018)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25633-020- -AUX SW PMP VIB TST - MRC G1P1			MJC: EXECIGB2		Rev Date: 6/9/2006
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25633-020)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25634-001- -AUX CIRC PMP UNIT - INSP**MJC:** EXECI094**Rev Date:** 2/21/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25634-001)THE AUXILIARY CIRCULATING PUMP
UNIT REQUIRES INSPECTIONINSPECT AND TEST THE AUXILIARY CIRCULATING CENTRIFUGAL
PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE
THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES.
B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE
TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E.
RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS
SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK
REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25634-005- -AUX CIRC PMP - RPR			MJC: EXECQ232		Rev Date: 7/12/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25634-005)PUMP REQUIRES REPAIR	REPAIR AUXILIARY CIRCULATING PUMP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25634-010- -AUX CIRC PMP MOT-RWND				MJC: EXECJD77		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,472		ManDays: 30		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25634-010)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE AUXILIARY CIRCULATING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25634-011- -AUX CIRC PMP MOT-RPR			MJC: EXECJD82		Rev Date: 5/25/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 396	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25634-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE AUXILIARY CIRCULATING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 300-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-25634-012- -AUX CIRC PMP MOT BRG-REPL			MJC: EXECJD87		Rev Date: 5/25/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 198	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25634-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE AUXILIARY CIRCULATING PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25634-016- -AUX CIRC PMP MECH SEAL - REPL		MJC: EXECJBY7	Rev Date: 5/25/2005		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 2	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25634-016)PUMP SEAL REQUIRES REPLACEMENT	REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25634-017- -AUX CIRC PMP WEAR RINGS - REPL				MJC: EXECJBY8		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25634-017)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25634-018- -AUX CIRC PMP ROTATING ASSY-RPR			MJC: EXECJBY9		Rev Date: 5/25/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25634-018)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25634-020- -AUX SW PMP VIB TST - MRC G1P1			MJC: EXECIGB3		Rev Date: 6/9/2006					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25634-020)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25635-001- -AUX CIRC PMP UNIT - INSP**MJC:** EXECI234**Rev Date:** 2/26/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25635-001)THE AUXILIARY CIRCULATING PUMP
UNIT REQUIRES INSPECTIONINSPECT AND TEST THE AUXILIARY CIRCULATING CENTRIFUGAL
PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE
THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES.
B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE
TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E.
RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS
SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK
REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25635-005- -AUX CIRC PMP - RPR			MJC: EXECQ818		Rev Date: 7/12/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25635-005)PUMP REQUIRES REPAIR	REPAIR AUXILIARY CIRCULATING PUMP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25635-010- -AUX CIRC PMP MOT-RWND			MJC: EXECJD78		Rev Date: 5/25/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,472	ManDays: 30	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25635-010)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE AUXILIARY CIRCULATING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25635-011- -AUX CIRC PMP MOT-RPR			MJC: EXECJD83		Rev Date: 5/25/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 396	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25635-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE AUXILIARY CIRCULATING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 300-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-25635-012- -AUX CIRC PMP MOT BRG-REPL				MJC: EXECJD88		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 198		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25635-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE AUXILIARY CIRCULATING PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25635-016- -AUX CIRC PMP MECH SEAL - REPL		MJC: EXECJBZ3	Rev Date: 5/25/2005		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 2	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25635-016)PUMP SEAL REQUIRES REPLACEMENT	REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25635-017- -AUX CIRC PMP WEAR RINGS - REPL				MJC: EXECJBZ4		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25635-017)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-25635-018- -AUX CIRC PMP ROTATING ASSY-RPR			MJC: EXECJBZ5		Rev Date: 5/25/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25635-018)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-25635-019- -AUX SW PMP VIB TST - MRC G1P1			MJC: EXECIGB4		Rev Date: 6/9/2006					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25635-019)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25811-002- -HP STM DR PP - UT**MJC:** EXECI468**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** X**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** X**Matl Cost:** 450**ManDays:** 9**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25811-002)THE HP STEAM DRAIN PIPING
REQUIRES ULTRASONIC TESTINGULTRASONICALLY-TEST THE HP STEAM DRAIN PIPING AS FOLLOWS:
A. CLEAN PIPING TO BARE METAL AT AREAS TO BE TESTED. B.
OBTAIN FOUR (4) READINGS AT EACH SELECTED AREA, NINETY
DEGREES (90 DEGS) APART IN THE FOLLOWING AREAS: 1. AT ALL
BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT
TO HANGERS AND EXTERNAL CORROSION. C. PRESERVE
DISTURBED PIPING AREAS. D. REPORT CONDITIONS FOUND TO
THE SHIP'S CSMP. NOTE: 1. ULTRASONIC TESTING NOT REQUIRED
ON MONEL PIPING. PROVIDE "AS-FOUND MATERIAL CONDITION"
CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN"
FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25811-003- -HP DRAIN SYS INSP - MRC A4U9**MJC:** EXECII47**Rev Date:** 9/2/2011**RCM Analysis:** 2/4/2008**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25811-003) HP DRAIN SYSTEM REQUIRES ASSESSMENT.

ACCOMPLISH HP DRAIN SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC A4U9 AS FOLLOWS: 1. VISUALLY INSPECT HIGH PRESSURE DRAIN SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25812-002- -HP STM DR PP - UT**MJC:** EXECI469**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** X**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** X**Matl Cost:** 450**ManDays:** 9**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-25812-002)THE HP STEAM DRAIN PIPING
REQUIRES ULTRASONIC TESTINGULTRASONICALLY-TEST THE HP STEAM DRAIN PIPING AS FOLLOWS:
A. CLEAN PIPING TO BARE METAL AT AREAS TO BE TESTED. B.
OBTAIN FOUR (4) READINGS AT EACH SELECTED AREA, NINETY
DEGREES (90 DEGS) APART IN THE FOLLOWING AREAS: 1. AT ALL
BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT
TO HANGERS AND EXTERNAL CORROSION. C. PRESERVE
DISTURBED PIPING AREAS. D. REPORT CONDITIONS FOUND TO
THE SHIP'S CSMP. NOTE: 1. ULTRASONIC TESTING NOT REQUIRED
ON MONEL PIPING. PROVIDE "AS-FOUND MATERIAL CONDITION"
CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN"
FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-25812-003- -HP DRAIN SYS INSP - MRC A4U9				MJC: EXTYA973		Rev Date: 9/2/2011					
RCM Analysis: 2/4/2008		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-25811-003) HP DRAIN SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH HP DRAIN SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC A4U9 AS FOLLOWS: 1. VISUALLY INSPECT HIGH PRESSURE DRAIN SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-25911-012- -UPTK/EXH PP/DUCTING-CLEAN/RPR			MJC: EXECQEG2		Rev Date: 3/29/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,600	ManDays: 47	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25911-012)MAIN PROPULSION GAS TURBINE UPTAKE/EXHAUST PIPING/DUCTING AND ASSOCIATED EQUIPMENT REQUIRE REPAIR.	ACCOMPLISH THE FOLLOWING REPAIRS TO THE MAIN PROPULSION GAS TURBINE UPTAKE/EXHAUST SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS AS AUTHORIZED FROM THE FOLLOWING LIST: INSTALL, MAINTAIN AND REMOVE PROTECTIVE COVERS FOR GAS TURBINE OPENINGS. A. CLEAN PIPING/DUCTING. B. REPAIR PIPING/DUCTING. C. REPAIR ASSOCIATED UPTAKE/EXHAUST SYSTEM EQUIPMENT/COMPONENTS.

Task/Abbreviation: I-25911-014- -UPTAKE/EXHAUST SYS - MRC G1E8**MJC:** EXECIJ08**Rev Date:** 6/30/2010**RCM Analysis:** 7/12/2004**Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 12**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:**

CG & LHD8

Problem Description:

(I-25911-014) UPTAKE/EXHAUST NEEDS INSPECTION.

Recommended Solution:

ASSESS #1 UPTAKE/EXHAUST SYS IAW MRC G1E8 AS FOLLOWS: 1. INSPECT UPTAKE SYSTEM (EXHAUST). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROV "AS-FOUND MATL COND" CODE IN 2ND POSITION OF "FINAL ACTION TAKEN" FIELD (2-KILO, BLK 64) IAW NAVSEAINST 4790.8B. NOTE 1: INSPECTION TO BE DONE BY NEC 4136 CERTIFIED MGTI OR CERTIFIED STRUCTURAL INSPECTOR. NOTE 2: STAGING/SCAFFOLDING NOT REQUIRED FOR THIS INSPECTION. NOTE 3: ACCOMPLISHING ACTIVITY TO DETERMINE IF GAS-FREE SERVICES ARE NEEDED TO DO THIS INSPECTION. IF SO, ACCOMPLISHING ACTIVITY SHALL SCHEDULE GAS-FREE SERVICES. ESTIMATE FOR GAS-FREE SERVICES NOT INCLUDED IN ICMP TASK ESTIMATE. NOTE 4: IF TASK I-25911-14 INSPECTION RESULTS INDICATE A 2ND INSPECTION IS NEEDED TO ASSESS AREAS OF THE UPTK/EXH SYS NOT INSPECTED DURING THE INITIAL TASK I-25911-14 INSPECTION, ACCOMPLISHING ACTIVITY SHALL REQUEST SURFMEPP TO SCHEDULE A 2ND INSPECTION UNDER TASK I-25911-15. THE TASK I-25911-15 INSPECTION WILL BE SIMILAR IN SCOPE TO THE TASK I-25911-14 INSPECTION, BUT WILL GENERALLY BE LIMITED TO AREAS OF THE UPTK/EXH SYS NOT PREVIOUSLY INSPECTED. TASK I-25911-15 WILL INCLUDE INSTALLATION OF STAGING/SCAFFOLDING.

Task/Abbreviation: I-25911-015- -UPTK/EXH SYS (W/STAG)-MRC G1E8**MJC:** EXECIJ10**Rev Date:** 6/1/2010**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 2,000**ManDays:** 15**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

CG & LHD8

(I-25911-015) UPTAKE/EXHAUST NEEDS TO BE STAGED AND INSPECTED.

ASSESS #1 UPTAKE/EXHAUST SYSTEM AS FOLLOWS: 1. PROVIDE AND INSTALL STAGING/SCAFFOLDING REQUIRED TO ACCOMPLISH INSPECTION. MAINTAIN STAGING/SCAFFOLDING AND REMOVE AFTER THE INSPECTION IS COMPLETE. 2. INSPECT UPTAKE SYSTEM (EXHAUST) IAW MRC G1E8. INSPECTION TO BE LIMITED TO THOSE AREAS OF THE UPTAKE/EXHAUST SYSTEM NOT PREVIOUSLY INSPECTED DURING THE MOST RECENT TASK I-25911-14 INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1: INSPECTION TO BE DONE BY A CERTIFIED STRUCTURAL INSPECTOR OR BY A NEC 4136 CERTIFIED MGTI (IF A CERTIFIED STRUCTURAL INSPECTOR IS NOT AVAILABLE). NOTE 2: ACCOMPLISHING ACTIVITY TO DETERMINE IF GAS-FREE SERVICES ARE REQUIRED TO DO THIS INSPECTION. IF SO, ACCOMPLISHING ACTIVITY SHALL SCHEDULE GAS-FREE SERVICES. ESTIMATE FOR GAS-FREE SERVICES NOT INCLUDED IN ICMP TASK ESTIMATE.

Task/Abbreviation: Q-25911-A01- -GT UPTAKE - PRESERVE**MJC:** EXECQHP7**Rev Date:** 5/19/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 5,000**ManDays:** 40**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

CG47, LHD8 & LCS

(Q-25911-A01)MAIN PROPULSION GAS TURBINE
UPTAKE REQUIRES PRESERVATION.PRESERVE #1 MAIN PROPULSION GAS TURBINE UPTAKE PER
CONDITION ASSESSMENT RECOMMENDATIONS AND AS
DESIGNATED: A. INSTALL, MAINTAIN AND REMOVE PROTECTIVE
COVERS FOR GAS TURBINE OPENINGS. B. REMOVE EXISTING
INSULATION IN WAY OF REPAIRS. RETAIN REUSABLE INSULATION
FOR REINSTALLATION AFTER PRESERVATION IS COMPLETE. C.
ACCOMPLISH A VISUAL INSPECTION OF THE UPTAKE FOR
STRUCTURAL INTEGRITY, DETERIORATION, PITTING, CRACKING,
AND AREAS OF DAMAGE OR DISTORTION. REPORT CONDITIONS
FOUND TO THE SHIP'S CSMP. D. PREPARE INTERIOR SURFACES OF
THE UPTAKE AND PRESERVE UPTAKE IAW REQUIREMENTS OF
NAVSEA STANDARD ITEM 009-32. E. REINSTALL REUSABLE
INSULATION REMOVED PRIOR TO PRESERVATION. PROVIDE AND
INSTALL NEW INSULATION WHERE EXISTING WAS NOT REUSABLE.

Task/Abbreviation: Q-25912-008- -UPTK/EXH PP/DUCTING-CLEAN/RPR			MJC: EXECQEG9		Rev Date: 3/29/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,600	ManDays: 47	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-25912-008)MAIN PROPULSION GAS TURBINE UPTAKE/EXHAUST PIPING/DUCTING AND ASSOCIATED EQUIPMENT REQUIRE REPAIR.	ACCOMPLISH THE FOLLOWING REPAIRS TO THE MAIN PROPULSION GAS TURBINE UPTAKE/EXHAUST SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS AS AUTHORIZED FROM THE FOLLOWING LIST: INSTALL, MAINTAIN AND REMOVE PROTECTIVE COVERS FOR GAS TURBINE OPENINGS. A. CLEAN PIPING/DUCTING. B. REPAIR PIPING/DUCTING. C. REPAIR ASSOCIATED UPTAKE/EXHAUST SYSTEM EQUIPMENT/COMPONENTS.

Task/Abbreviation: I-25912-010- -UPTAKE/EXHAUST SYS - MRC G1E8**MJC:** EXECIJ21**Rev Date:** 7/26/2010**RCM Analysis:** 7/12/2004**Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 12**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

LHD8

(I-25912-010) UPTAKE/EXHAUST NEEDS INSPECTION.

ASSESS #2 UPTAKE/EXHAUST SYS IAW MRC G1E8 AS FOLLOWS: 1. INSPECT UPTAKE SYSTEM (EXHAUST). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROV "AS-FOUND MATL COND" CODE IN 2ND POSITION OF "FINAL ACTION TAKEN" FIELD (2-KILO, BLK 64) IAW NAVSEAINST 4790.8B. NOTE 1: INSPECTION TO BE DONE BY NEC 4136 CERTIFIED MGTI OR CERTIFIED STRUCTURAL INSPECTOR. NOTE 2: STAGING/SCAFFOLDING NOT REQUIRED FOR THIS INSPECTION. NOTE 3: ACCOMPLISHING ACTIVITY TO DETERMINE IF GAS-FREE SERVICES ARE NEEDED TO DO THIS INSPECTION. IF SO, ACCOMPLISHING ACTIVITY SHALL SCHEDULE GAS-FREE SERVICES. ESTIMATE FOR GAS-FREE SERVICES NOT INCLUDED IN ICMP TASK ESTIMATE. NOTE 4: IF TASK I-25912-10 INSPECTION RESULTS INDICATE A 2ND INSPECTION IS NEEDED TO ASSESS AREAS OF THE UPTK/EXH SYS NOT INSPECTED DURING THE INITIAL TASK I-25912-10 INSPECTION, ACCOMPLISHING ACTIVITY SHALL REQUEST SURFMEPP TO SCHEDULE A 2ND INSPECTION UNDER TASK I-25912-11. THE TASK I-25912-11 INSPECTION WILL BE SIMILAR IN SCOPE TO THE TASK I-25912-10 INSPECTION, BUT WILL GENERALLY BE LIMITED TO AREAS OF THE UPTK/EXH SYS NOT PREVIOUSLY INSPECTED. TASK I-25912-11 WILL INCLUDE INSTALLATION OF STAGING/SCAFFOLDING.

Task/Abbreviation: I-25912-011- -UPTK/EXH SYS (W/STAG)-MRC G1E8**MJC:** EXECIJ24**Rev Date:** 6/1/2010**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 2,000**ManDays:** 15**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

LHD8

(I-25912-011) UPTAKE/EXHAUST NEEDS TO BE STAGED AND INSPECTED.

ASSESS #2 UPTAKE/EXHAUST SYSTEM AS FOLLOWS: 1. PROVIDE AND INSTALL STAGING/SCAFFOLDING REQUIRED TO ACCOMPLISH INSPECTION. MAINTAIN STAGING/SCAFFOLDING AND REMOVE AFTER THE INSPECTION IS COMPLETE. 2. INSPECT UPTAKE SYSTEM (EXHAUST) IAW MRC G1E8. INSPECTION TO BE LIMITED TO THOSE AREAS OF THE UPTAKE/EXHAUST SYSTEM NOT PREVIOUSLY INSPECTED DURING THE MOST RECENT TASK I-25912-10 INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1: INSPECTION TO BE DONE BY A CERTIFIED STRUCTURAL INSPECTOR OR BY A NEC 4136 CERTIFIED MGTI (IF A CERTIFIED STRUCTURAL INSPECTOR IS NOT AVAILABLE). NOTE 2: ACCOMPLISHING ACTIVITY TO DETERMINE IF GAS-FREE SERVICES ARE REQUIRED TO DO THIS INSPECTION. IF SO, ACCOMPLISHING ACTIVITY SHALL SCHEDULE GAS-FREE SERVICES. ESTIMATE FOR GAS-FREE SERVICES NOT INCLUDED IN ICMP TASK ESTIMATE.

Task/Abbreviation: Q-25912-A01- -GT UPTAKE - PRESERVE**MJC:** EXECQHQ2**Rev Date:** 5/23/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 5,000**ManDays:** 40**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

LCS1 & LHD8

(Q-25912-A01)MAIN PROPULSION GAS TURBINE
UPTAKE REQUIRES PRESERVATION.PRESERVE #2 MAIN PROPULSION GAS TURBINE UPTAKE PER
CONDITION ASSESSMENT RECOMMENDATIONS AND AS
DESIGNATED: A. INSTALL, MAINTAIN AND REMOVE PROTECTIVE
COVERS FOR GAS TURBINE OPENINGS. B. REMOVE EXISTING
INSULATION IN WAY OF REPAIRS. RETAIN REUSABLE INSULATION
FOR REINSTALLATION AFTER PRESERVATION IS COMPLETE. C.
ACCOMPLISH A VISUAL INSPECTION OF THE UPTAKE FOR
STRUCTURAL INTEGRITY, DETERIORATION, PITTING, CRACKING,
AND AREAS OF DAMAGE OR DISTORTION. REPORT CONDITIONS
FOUND TO THE SHIP'S CSMP. D. PREPARE INTERIOR SURFACES OF
THE UPTAKE AND PRESERVE UPTAKE IAW REQUIREMENTS OF
NAVSEA STANDARD ITEM 009-32. E. REINSTALL REUSABLE
INSULATION REMOVED PRIOR TO PRESERVATION. PROVIDE AND
INSTALL NEW INSULATION WHERE EXISTING WAS NOT REUSABLE.

Task/Abbreviation: I-26111-001-A-FO SVCE PP - UT**MJC:** EXECI101**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** X**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** X**Matl Cost:** 450**ManDays:** 9**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-26111-001)THE FUEL OIL SERVICE SYSTEM
PIPING REQUIRES ULTRASONIC TESTINGULTRASONICALLY-TEST THE FUEL OIL SERVICE SYSTEM PIPING AS
FOLLOWS: A. CLEAN PIPING TO BARE METAL AT AREAS TO BE
TESTED. B. OBTAIN FOUR (4) READINGS AT EACH SELECTED AREA,
NINETY DEGREES (90 DEGS) APART IN THE FOLLOWING AREAS: 1.
AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS
ADJACENT TO HANGERS AND EXTERNAL CORROSION. C.
PRESERVE DISTURBED PIPING AREAS. D. REPORT CONDITIONS
FOUND TO THE SHIP'S CSMP. NOTE: 1. ULTRASONIC TESTING NOT
REQUIRED ON MONEL PIPING. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-26111-016- -FO SVCE SYS - MRC G1F3**MJC:** EXECI612**Rev Date:** 9/2/2011**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-26111-016)THE FUEL OIL SERVICE REQUIRES ASSESSMENT.

ACCOMPLISH THE FUEL OIL SERVICE ASSESSMENT IN ACCORDANCE WITH MRC G1F3 AS FOLLOWS: 1. INSPECT FUEL OIL SERVICE SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-26111-018- -FO SVCE SYS - MRC C3JC			MJC: EXECIFB7		Rev Date: 9/2/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26111-018)THE FUEL OIL SERVICE CONSTANT PRESSURE CONTROL VALVE REQUIRES ASSESSMENT.	ACCOMPLISH THE FUEL OIL SERVICE CONSTANT PRESSURE CONTROL VALVE ASSESSMENT IN ACCORDANCE WITH MRC C3JC AS FOLLOWS: 1. TEST OPERATION OF FUEL OIL SERVICE CONSTANT PRESSURE CONTROL VALVE. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-26111-024- -FO SVCE SYS PIPING - REPL				MJC: EXECQEJ5		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,700		ManDays: 30		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26111-024)DEFECTIVE FUEL OIL SERVICE SYSTEM PIPING REQUIRES REPLACEMENT.	REMOVE DESIGNATED SECTIONS(S) OF DEFECTIVE/DETERIORATED FUEL OIL SERVICE SYSTEM PIPING, REPLACE AND TEST PIPING IAW NSTM CHAPTER 505.

Task/Abbreviation: I-26112-001-A-FO SVCE PP - UT**MJC:** EXECI103**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** X**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** X**Matl Cost:** 450**ManDays:** 9**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-26112-001)THE FUEL OIL SERVICE SYSTEM
PIPING REQUIRES ULTRASONIC TESTINGULTRASONICALLY-TEST THE FUEL OIL SERVICE SYSTEM PIPING AS
FOLLOWS: A. CLEAN PIPING TO BARE METAL AT AREAS TO BE
TESTED. B. OBTAIN FOUR (4) READINGS AT EACH SELECTED AREA,
NINETY DEGREES (90 DEGS) APART IN THE FOLLOWING AREAS: 1.
AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS
ADJACENT TO HANGERS AND EXTERNAL CORROSION. C.
PRESERVE DISTURBED PIPING AREAS. D. REPORT CONDITIONS
FOUND TO THE SHIP'S CSMP. NOTE: 1. ULTRASONIC TESTING NOT
REQUIRED ON MONEL PIPING. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-26112-011- -FO SVCE SYS - MRC G1F3			MJC: EXECI616		Rev Date: 9/2/2011					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 2	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 2				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26112-011)THE FUEL OIL SERVICE REQUIRES ASSESSMENT.	ACCOMPLISH THE FUEL OIL SERVICE ASSESSMENT IN ACCORDANCE WITH MRC G1F3 AS FOLLOWS: 1. INSPECT FUEL OIL SERVICE SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-26112-013- -FO SVCE SYS - MRC C3JC			MJC: EXECIFB8		Rev Date: 9/2/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26112-013)THE FUEL OIL SERVICE CONSTANT PRESSURE CONTROL VALVE REQUIRES ASSESSMENT.	ACCOMPLISH THE FUEL OIL SERVICE CONSTANT PRESSURE CONTROL VALVE ASSESSMENT IN ACCORDANCE WITH MRC C3JC AS FOLLOWS: 1. TEST OPERATION OF FUEL OIL SERVICE CONSTANT PRESSURE CONTROL VALVE. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-26112-016- -FO SVCE SYS PIPING - REPL				MJC: EXECQEK7		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,700		ManDays: 30		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26112-016)DEFECTIVE FUEL OIL SERVICE SYSTEM PIPING REQUIRES REPLACEMENT.	REMOVE DESIGNATED SECTIONS(S) OF DEFECTIVE/DETERIORATED FUEL OIL SERVICE SYSTEM PIPING, REPLACE AND TEST PIPING IAW NSTM CHAPTER 505.

Task/Abbreviation: Q-26121-007- -FO SVCE PMP - RPR			MJC: EXECQ248		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,395	ManDays: 31	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26121-007)PUMP REQUIRES REPAIR	OPEN ROTARY/SCREW PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD ROTOR AND HOUSING BORE DIAMETER, CLEARANCES AND RUNOUTS A. ACCOMPLISH NDT OF PUMP SHAFT AND ROTOR ASSEMBLY. B. RESURFACE AND MACHINE SHAFT JOURNALS IN WAY OF PACKING AND BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. STONE/DRESS TIMING GEARS. E. RESURFACE AND MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. F. STONE/DRESS CASING MATING AND SEALING SURFACE. G. REPLACE PUMP ROTOR SHAFT AND KEY. H. REPLACE PUMP ROTOR ASSEMBLY AND ENSURE ROTOR TO CASING CLEARANCES. I. REPLACE LINER/SLEEVE ASSEMBLY. J. REPLACE PUMP CASING. K. REPLACE TIMING GEAR SET AND ENSURE PROPER CLEARANCES. L. REPLACE TIMING GEAR SPACERS. M. REPLACE THRUST WASHERS AND ENSURE PROPER CLEARANCES. N. REPLACE COUPLING. REASSEMBLE UNIT WITH NEW GASKET, BEARINGS, PACKING, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26121-019- -FO SVCE PMP MECH SEAL-REPL		MJC: EXECJBK2	Rev Date: 9/2/2011		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 350	ManDays: 3	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-26121-019)PUMP SEAL REQUIRES REPLACEMENT	REPLACE THE FUEL SERVICE PUMP (ROTARY SCREW) MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: Q-26121-020- -FO SVCE PMP BRGS - REPL			MJC: EXECJBK3		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 800	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:		Recommended Solution:		
BASELINE	(Q-26121-020)PUMP SEALS AND BEARINGS REQUIRE REPLACEMENT		REPLACE THE FUEL SERVICE PUMP (ROTARY SCREW) BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.		

Task/Abbreviation: Q-26121-021- -FO SVCE PMP RT ASSY - REPL			MJC: EXECJBK4		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 6,000	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-26121-021)PUMP ROTATING ASSEMBLY REQUIRES REPLACEMENT	REPLACE THE ROTARY/SCREW FUEL SERVICE PUMP ROTATING ASSEMBLY, BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: Q-26121-022- -FO SVCE PMP - REPL				MJC: EXECJBK5		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 25,000		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-26121-022)PUMP REQUIRES REPLACEMENT				REMOVE THE ROTARY/SCREW FUEL SERVICE PUMP. REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-26121-029- -FOSP - MRC G1F2**MJC:** EXECI618**Rev Date:** 9/2/2011**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:**

BASELINE

Problem Description:

(I-26121-029)THE FUEL OIL SERVICE PUMP MOTOR AND CONTROLLER REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE FUEL OIL SERVICE PUMP MOTOR AND CONTROLLER ASSESSMENT IN ACCORDANCE WITH MRC G1F2 AS FOLLOWS: 1. INSPECT MOTOR AND CONTROLLER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-26121-030- -FOSP - MRC G1E9**MJC:** EXECI619**Rev Date:** 9/2/2011**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:**

BASELINE

Problem Description:(I-26121-030)THE MOTOR-DRIVEN FUEL OIL
SERVICE PUMP REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE FUEL OIL SERVICE PUMP ASSESSMENT IN
ACCORDANCE WITH MRC G1E9 AS FOLLOWS: 1. PERFORM
MOTOR-DRIVEN FUEL OIL SERVICE PUMP OPERATIONAL TEST.
REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: I-26121-035- -FOSP - MRC B6NU			MJC: EXECIE37		Rev Date: 9/2/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26121-035)THE FUEL OIL SERVICE PUMP REQUIRES ASSESSMENT.	ACCOMPLISH THE FUEL OIL SERVICE PUMP ASSESSMENT IN ACCORDANCE WITH MRC B6NU AS FOLLOWS: 1. CALIBRATE FUEL OIL SERVICE PUMP DISCHARGE PRESSURE SWITCH AND MOTOR CONTROLLER AUTOMATIC MODE OF OPERATION. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-26121-040- -FOSP VIB TST - MRC G1P1				MJC: EXECIGC0		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26121-040)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-26121-041- -FO SVCE PMP MOT - RWND		MJC: EXECQCH5	Rev Date: 5/3/2006		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,472	ManDays: 30	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26121-041)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE FUEL SERVICE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26121-042- -FO SVCE PMP MOT - RPR				MJC: EXECQCH7		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 396		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26121-042)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE FUEL SERVICE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 300-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-26121-043- -FO SVCE PMP MOT BRG - REPL			MJC: EXECQCH9		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 198	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26121-043)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE FUEL SERVICE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: O-26121-050- -MACHALT 73828 - ACCOMP**MJC:** EXSAO287**Rev Date:** 3/10/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:****Alt No:** MA 73828**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-26121-50) MACHALT 73828, FUEL OIL SERVICE
PUMP GAS SEAL, NOT ACCOMPLISHEDACCOMPLISH MACHALT 73828 (EQUIVALENT TO SCD 3828) WHICH
INSTALLS NON-CONTACTING GAS SEALS ON THE FUEL OIL SERVICE
PUMPS. THE SEAL USES AN AIR BARRIER TO ELIMINATE LEAKAGE.
THE EXISTING MECHANICAL SEALS HAVE A HIGH FAILURE RATE DUE
TO OVERHEATING AND INSTALLATION ISSUES. THEY CANNOT
MAINTAIN THE ZERO LEAKAGE CRITERIA AND ARE A MAINTENANCE
BURDEN. POC: CONRADO CAJIGAS, 619-437-2704,
CONRADO.CAJIGAS@NAVY.MIL

Task/Abbreviation: O-26121-051- -EC 73828 - ACCOMP			MJC: EXSAO288		Rev Date: 3/10/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: EC 73828
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-26121-51) EC 73828 HM & E, FUEL OIL SERVICE PUMP GAS SEAL, NOT ACCOMPLISHED	ACCOMPLISH EC 73828 (EQUIVALENT TO SCD 3828) WHICH INSTALLS NON-CONTACTING GAS SEALS ON THE FUEL OIL SERVICE PUMPS. THE SEAL USES AN AIR BARRIER TO ELIMINATE LEAKAGE. THE EXISTING MECHANICAL SEALS HAVE A HIGH FAILURE RATE DUE TO OVERHEATING AND INSTALLATION ISSUES. THEY CANNOT MAINTAIN THE ZERO LEAKAGE CRITERIA AND ARE A MAINTENANCE BURDEN. POC: CONRADO CAJIGAS, 619-437-2704, CONRADO.CAJIGAS@NAVY.MIL

Task/Abbreviation: Q-26122-007- -FO SVCE PMP - RPR**MJC:** EXECQ254**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,395**ManDays:** 31**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-26122-007)PUMP REQUIRES REPAIR

OPEN ROTARY/SCREW PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD ROTOR AND HOUSING BORE DIAMETER, CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT AND ROTOR ASSEMBLY. B. RESURFACE AND MACHINE SHAFT JOURNALS IN WAY OF PACKING AND BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. STONE/DRESS TIMING GEARS. E. RESURFACE AND MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. F. STONE/DRESS CASING MATING AND SEALING SURFACE. G. REPLACE PUMP ROTOR SHAFT AND KEY. H. REPLACE PUMP ROTOR ASSEMBLY AND ENSURE ROTOR TO CASING CLEARANCES. I. REPLACE LINER/SLEEVE ASSEMBLY. J. REPLACE PUMP CASING. K. REPLACE TIMING GEAR SET AND ENSURE PROPER CLEARANCES. L. REPLACE TIMING GEAR SPACERS. M. REPLACE THRUST WASHERS AND ENSURE PROPER CLEARANCES. N. REPLACE COUPLING. REASSEMBLE UNIT WITH NEW GASKET, BEARINGS, PACKING, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26122-017- -FO SVCE PMP MECH SEAL-REPL			MJC: EXECJCB1		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 350	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:		Recommended Solution:		
BASELINE	(Q-26122-017)PUMP REQUIRES REPLACEMENT		REPLACE THE FUEL SERVICE (ROTARY SCREW) PUMP MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.		

Task/Abbreviation: Q-26122-018- -FO SVCE PMP BRGS - REPL				MJC: EXECJCB2		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 800		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-26122-018)PUMP SEALS AND BEARINGS REQUIRE REPLACEMENT				REPLACE THE FUEL SERVICE PUMP (ROTARY SCREW) BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-26122-019- -FO SVCE PMP RT ASSY - REPL				MJC: EXECJCB3		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 6,000		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26122-019)PUMP ROTATING ASSEMBLY REQUIRES REPLACEMENT	REPLACE THE FUEL SERVICE PUMP (ROTARY SCREW) ROTATING ASSEMBLY, BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26122-020- -FO SVCE PMP - REPL			MJC: EXECJCB4		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 25,000	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-26122-020)PUMP REQUIRES REPLACEMENT	REMOVE THE FUEL SERVICE PUMP (ROTARY SCREW). REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: I-26122-021- -FOSP - MRC G1E9**MJC:** EXECI621**Rev Date:** 9/2/2011**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-26122-021)THE MOTOR-DRIVEN FUEL OIL
SERVICE PUMP REQUIRES ASSESSMENT.ACCOMPLISH THE FUEL OIL SERVICE PUMP ASSESSMENT IN
ACCORDANCE WITH MRC G1E9 AS FOLLOWS: 1. PERFORM
MOTOR-DRIVEN FUEL OIL SERVICE PUMP OPERATIONAL TEST.
REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: I-26122-023- -FOSP - MRC G1F2**MJC:** EXECI623**Rev Date:** 9/2/2011**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:**

BASELINE

Problem Description:

(I-26122-023)THE FUEL OIL SERVICE PUMP MOTOR AND CONTROLLER REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE FUEL OIL SERVICE PUMP MOTOR AND CONTROLLER ASSESSMENT IN ACCORDANCE WITH MRC G1F2 AS FOLLOWS: 1. INSPECT MOTOR AND CONTROLLER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-26122-027- -FOSP - MRC B6NU**MJC:** EXECIE38**Rev Date:** 9/2/2011**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:**

BASELINE

Problem Description:(I-26122-027)THE FUEL OIL SERVICE PUMP
REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE FUEL OIL SERVICE PUMP ASSESSMENT IN
ACCORDANCE WITH MRC B6NU AS FOLLOWS: 1. CALIBRATE FUEL
OIL SERVICE PUMP DISCHARGE PRESSURE SWITCH AND MOTOR
CONTROLLER AUTOMATIC MODE OF OPERATION. REPORT
CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: I-26122-032- -FOSP VIB TST - MRC G1P1				MJC: EXECIGC1		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26122-032)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-26122-033- -FO SVCE PMP MOT - RWND			MJC: EXECQCI0		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,472	ManDays: 30	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26122-033)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE FUEL SERVICE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26122-034- -FO SVCE PMP MOT - RPR			MJC: EXECQCI1		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 396	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26122-034)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE FUEL SERVICE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 300-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-26122-035- -FO SVCE PMP MOT BRG - REPL			MJC: EXECQCI2		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 198	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26122-035)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE FUEL SERVICE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26211-001- -LO SYS/PMP BTFLY VLVS-RPR/REPL**MJC:** EXECQ259**Rev Date:** 5/27/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** X**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** X**Matl Cost:** 225**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-26211-001)MAIN LUBE OIL PIPING SYSTEM/PUMP VALVES (BUTTERFLY) NEED TO BE REPAIRED OR REPLACED.

REMOVE THE DESIGNATED BUTTERFLY VALVES FOR THE MAIN LUBE OIL PIPING SYSTEM/PUMP TO SHOP AFTER OPERATIONAL IN-PLACE TESTING WITH CORRESPONDING ACTUATORS, IF FITTED. DISASSEMBLE VALVES FOR CLEANING AND INSPECTION OF ALL COMPONENTS, INCLUDING SEATING SURFACES. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE VALVES USING NEW GASKETS AND SEALS, POLISH AND STRAIGHTEN STEM. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY SHOP-TEST. INSTALL VALVES IN ORIGINAL LOCATION AND ORIENTATION ABOARD SHIP USING NEW GASKETS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. INSTALL ACTUATORS, IF FITTED, AND SET TRAVEL LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE BOOT. B. REPLACE VALVE. NOTE: 1. VALVES 4 INCHES AND LESS TO BE REPLACED.

Task/Abbreviation: Q-26211-002- -LO SYS/PMP GATE VLVS-RPR/REPL			MJC: EXECQ260		Rev Date: 5/27/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: X	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: X	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26211-002)MAIN LUBE OIL PIPING SYSTEM/PUMP VALVES (GATE) NEED TO BE REPAIRED OR REPLACED.	OPEN, IN-PLACE, THE DESIGNATED GATE VALVES FOR THE MAIN LUBE OIL PIPING SYSTEM/PUMP FOR CLN & INSP OF COMPONENTS. CLN & BLUE-CHECK SEAT CONTACT SURFACES. ACCOMP DYE PENETRANT CHECK OF SEAT & DISC. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEM VALVES USING NEW PACKING & REPL UNSERVICEABLE FASTENERS. PROVE TIGHT. A. REMOVE BONNET ASSEMBLY TO SHOP. B. WELD BUILD-UP GATE AND MACHINE. C. WELD BUILD-UP AND MACHINE SEAT IN-PLACE. D. WELD BUILD-UP AND MACHINE BONNET FLANGES. E. WELD BUILD-UP AND MACHINE GUIDES. F. REPLACE SEAT RINGS. G. DRESS VALVE STEM IN WAY OF PKG AREA AND CHASE THREADS. H. REPLACE VALVE STEM. I. REPLACE GUIDES. J. REPLACE VALVE. K. REMOVE VALVE TO SHOP TO ACCOMPLISH REPAIRS. NOTE 1: VALVES 6 INCHES AND LESS TO BE REPLACED.

Task/Abbreviation: Q-26211-003- -LO SYS/PMP GLOBE VLVS-RPR/REPL**MJC:** EXECQ261**Rev Date:** 5/27/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** X**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** X**Matl Cost:** 225**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-26211-003)MAIN LUBE OIL PIPING SYSTEM/PUMP VALVES (GLOBE) NEED TO BE REPAIRED OR REPLACED.

OPEN DESIG MAIN LUBE OIL PIPING SYSTEM/PUMP GLOBE VLVS IN PLACE. CLEAN, BLUE-CHECK SEAT & DISC CONTACT SURFACES & ACCOMP DYE PENETRANT CHECK. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPL OF RPRS, AS AUTH FROM FOLLOWING LIST, REASSEM VLVS USING NEW PKG & REPL UNSERVICEABLE FASTENERS. PROVE TIGHT & ACCOMP OP TEST: A. RMV BONNET/DISC ASSY TO SHOP. WELD DISC & REMACH. B. WELD BUILD UP AND MACHINE SEAT IN PLACE. C. WELD BUILD UP AND MACHINE BONNET FLANGES. D. PROVIDE/INSTALL REPLACEMENT SEAT RINGS. E. DRESS VLV STEM IN WAY OF PKG AREA & CHASE THREADS. F. REPLACE VALVE STEM. G. REPLACE VALVE. H. REMOVE VALVE TO SHOP TO ACCOMPLISH REPAIRS. I. PROVIDE & INSTL REPLACEMENT DISC & SEAT & MACH, GRIND OR LAP AND SPOT-IN DISC TO SEAT. J. CONNECT VALVE ACTUATORS TO CORRESPONDING VALVES & SET TRAVEL LIMITS AND INDICATORS. NOTE: 1. VALVES 4 INCHES AND LESS TO BE REPLACED.

Task/Abbreviation: I-26211-012- -MN LO SYS - MRC G1A9			MJC: EXECI624		Rev Date: 6/20/2005					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 2	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 2				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26211-012)THE MAIN LUBE OIL SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE MAIN LUBE OIL SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC G1A9 AS FOLLOWS: 1. INSPECT MAIN LUBE OIL SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-26211-022- -MN LO PIPING SYS-CLEAN & FLUSH		MJC: EXECQEI4		Rev Date: 3/31/2010	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,000	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-26211-022)THE MAIN LUBE OIL PIPING SYSTEM REQUIRES CLEANING.	CLEAN AND FLUSH THE MAIN LUBE OIL PIPING SYSTEM IN ACCORDANCE WITH NSTM CHAPTER 505.			

Task/Abbreviation: Q-26212-001- -LO SYS/PMP BTFLY VLVS-RPR/REPL			MJC: EXECQ070		Rev Date: 5/27/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: X	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: X	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26212-001)MAIN LUBE OIL PIPING SYSTEM/PUMP VALVES (BUTTERFLY) NEED TO BE REPAIRED OR REPLACED.	REMOVE THE DESIGNATED BUTTERFLY VALVES OF THE MAIN LUBE OIL PIPING SYSTEM/PUMP TO SHOP AFTER OPERATIONAL IN- PLACE TESTING WITH CORRESPONDING ACTUATORS, IF FITTED. DISASSEMBLE VALVES FOR CLEANING AND INSPECTION OF ALL COMPONENTS, INCLUDING SEATING SURFACES. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE VALVES USING NEW GASKETS AND SEALS, POLISH AND STRAIGHTEN STEM. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY SHOP-TEST. INSTALL VALVES IN ORIGINAL LOCATION AND ORIENTATION ABOARD SHIP USING NEW GASKETS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. INSTALL ACTUATORS, IF FITTED, AND SET TRAVEL LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE BOOT. B. REPLACE VALVE. NOTE: 1. VALVES 4 INCHES AND LESS TO BE REPLACED.

Task/Abbreviation: Q-26212-002- -LO SYS/PMP GATE VLVS-RPR/REPL			MJC: EXECQ264		Rev Date: 5/27/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: X	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: X	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26212-002)MAIN LUBE OIL PIPING SYSTEM/PUMP VALVES (GATE) NEED TO BE REPAIRED OR REPLACED.	OPEN, IN-PLACE, THE DESIGNATED GATE VALVES FOR THE MAIN LUBE OIL PIPING SYSTEM/PUMP FOR CLN & INSP OF COMPONENTS. CLN & BLUE-CHECK SEAT CONTACT SURFACES. ACCOMP DYE PENETRANT CHECK OF SEAT & DISC. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEM VALVES USING NEW PACKING & REPL UNSERVICEABLE FASTENERS. PROVE TIGHT. A. REMOVE BONNET ASSEMBLY TO SHOP. B. WELD BUILD-UP GATE AND MACHINE. C. WELD BUILD-UP AND MACHINE SEAT IN-PLACE. D. WELD BUILD-UP AND MACHINE BONNET FLANGES. E. WELD BUILD-UP AND MACHINE GUIDES. F. REPLACE SEAT RINGS. G. DRESS VALVE STEM IN WAY OF PKG AREA AND CHASE THREADS. H. REPLACE VALVE STEM. I. REPLACE GUIDES. J. REPLACE VALVE. K. REMOVE VALVE TO SHOP TO ACCOMPLISH REPAIRS. NOTE 1: VALVES 6 INCHES AND LESS TO BE REPLACED.

Task/Abbreviation: Q-26212-003- -LO SYS/PMP GLOBE VLVS-RPR/REPL**MJC:** EXECQ265**Rev Date:** 5/27/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** X**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** X**Matl Cost:** 225**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-26212-003)MAIN LUBE OIL PIPING SYSTEM/PUMP VALVES (GLOBE) NEED TO BE REPAIRED OR REPLACED.

OPEN DESIG MAIN LUBE OIL PIPING SYSTEM/PUMP GLOBE VLVS IN PLACE. CLEAN, BLUE-CHECK SEAT & DISC CONTACT SURFACES & ACCOMP DYE PENETRANT CHECK. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPL OF RPRS, AS AUTH FROM FOLLOWING LIST, REASSEM VLVS USING NEW PKG & REPL UNSERVICEABLE FASTENERS. PROVE TIGHT & ACCOMP OP TEST: A. RMV BONNET/DISC ASSY TO SHOP. WELD DISC & REMACH. B. WELD BUILD UP AND MACHINE SEAT IN PLACE. C. WELD BUILD UP AND MACHINE BONNET FLANGES. D. PROVIDE/INSTALL REPLACEMENT SEAT RINGS. E. DRESS VLV STEM IN WAY OF PKG AREA & CHASE THREADS. F. REPLACE VALVE STEM. G. REPLACE VALVE. H. REMOVE VALVE TO SHOP TO ACCOMPLISH REPAIRS. I. PROVIDE & INSTL REPLACEMENT DISC & SEAT & MACH, GRIND OR LAP AND SPOT-IN DISC TO SEAT. J. CONNECT VALVE ACTUATORS TO CORRESPONDING VALVES & SET TRAVEL LIMITS AND INDICATORS. NOTE: 1. VALVES 4 INCHES AND LESS TO BE REPLACED.

Task/Abbreviation: I-26212-006- -MN LO SYS - MRC G1A9			MJC: EXECI625		Rev Date: 6/20/2005					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 2	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 2				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26212-006)THE MAIN LUBE OIL SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE MAIN LUBE OIL SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC G1A9 AS FOLLOWS: 1. INSPECT MAIN LUBE OIL SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-26212-008- -MN LO PIPING SYS-CLEAN & FLUSH			MJC: EXECQEI5		Rev Date: 3/31/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,000	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-26211-022)THE MAIN LUBE OIL PIPING SYSTEM REQUIRES CLEANING.	CLEAN AND FLUSH THE MAIN LUBE OIL PIPING SYSTEM IN ACCORDANCE WITH NSTM CHAPTER 505.			

Task/Abbreviation: I-26231-001- -MN LO ATCHD PMP UNIT - INSP			MJC: EXECI102		Rev Date: 5/20/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26231-001)THE ATTACHED MAIN LUBE OIL PUMP REQUIRES INSPECTION	INSPECT AND TEST THE ATTACHED MAIN LUBE OIL PUMP. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TEST. C. VIBRATION ANALYSIS. D. CAPACITY FLOW TEST. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-26231-007- -MN LO ATCHD PMP - RPR**MJC:** EXECQ268**Rev Date:****RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 2,025**ManDays:** 45**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-26231-007)PUMP REQUIRES REPAIR

OPEN ROTARY/SCREW PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD ROTOR AND HOUSING BORE DIAMETER, CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT AND ROTOR ASSEMBLY. B. RESURFACE AND MACHINE SHAFT JOURNALS IN WAY OF PACKING AND BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. STONE/DRESS TIMING GEARS. E. RESURFACE AND MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. F. STONE/DRESS CASING MATING AND SEALING SURFACE. G. REPLACE PUMP ROTOR SHAFT AND KEY. H. REPLACE PUMP ROTOR ASSEMBLY AND ENSURE ROTOR TO CASING CLEARANCES. I. REPLACE LINER/SLEEVE ASSEMBLY. J. REPLACE PUMP CASING. K. REPLACE TIMING GEAR SET AND ENSURE PROPER CLEARANCES. L. REPLACE TIMING GEAR SPACERS. M. REPLACE THRUST WASHERS AND ENSURE PROPER CLEARANCES. N. REPLACE COUPLING. REASSEMBLE UNIT WITH NEW GASKET, BEARINGS, PACKING, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26231-008- -LO PMP ATCHD CRIT HOSE-REPL			MJC: EXECM072		Rev Date: 6/1/2009	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty:	Removal Required:
Lvl of Maint: 2	Freq: 240	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265						

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26231-008) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE MAIN LUBE OIL ATTACHED PUMP CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.	REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE MAIN LUBE OIL ATTACHED PUMP CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A. REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B. FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C. REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D. ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E. INSTALL A NEW IDENTIFICATION TAG. F. INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G. ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: Q-26231-011- -MN LO ATCHD PMP MECH SEAL-REPL				MJC: EXECJCB7		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 350		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-26231-011)PUMP SEAL REQUIRES REPLACEMENT				REPLACE THE ROTARY/SCREW ATTACHED MAIN LUBE OIL SERVICE PUMP MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-26231-012- -MN LO ATCHD PMP BRGS - REPL			MJC: EXECJCB8		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26231-012)PUMP SEALS AND BEARINGS REQUIRE REPLACEMENT	REPLACE THE ROTARY/SCREW ATTACHED MAIN LUBE OIL SERVICE PUMP BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26231-013- -MN LO ATCHD PMP RT ASSY - REPL			MJC: EXECJCB9		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 7,000	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26231-013)PUMP ROTATING ASSEMBLY REQUIRES REPLACEMENT	REPLACE THE ROTARY/SCREW ATTACHED MAIN LUBE OIL SERVICE PUMP ROTATING ASSEMBLY, BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26231-014- -MN LO ATCHD PMP - REPL			MJC: EXECJCC0		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 53,000	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26231-014)PUMP REQUIRES REPLACEMENT	REMOVE THE ROTARY/SCREW ATTACHED MAIN LUBE OIL SERVICE PUMP. REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-26231-016- -MN LO SYS PMP - MRC G1B3			MJC: EXECI626		Rev Date: 8/28/2008					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 2	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 2				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26231-016)THE MAIN LUBE OIL SYSTEM PUMP REQUIRES ASSESSMENT.	ACCOMPLISH THE MAIN LUBE OIL SYSTEM PUMP ASSESSMENT IN ACCORDANCE WITH MRC G1B3 AS FOLLOWS: 1. INSPECT ATTACHED LUBE OIL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-26232-001- -MN LO ATCHD PMP UNIT - INSP			MJC: EXECICJ9		Rev Date: 5/20/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26232-001)THE ATTACHED MAIN REDUCTION GEAR LUBE OIL PUMP REQUIRES INSPECTION	INSPECT AND TEST THE ATTACHED MAIN LUBE OIL PUMP. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TEST. C. VIBRATION ANALYSIS. D. CAPACITY FLOW TEST. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-26232-007- -MN LO ATCHD PMP - RPR			MJC: EXECQ270		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,025	ManDays: 45	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26232-007)PUMP REQUIRES REPAIR	OPEN ROTARY/SCREW PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD ROTOR AND HOUSING BORE DIAMETER, CLEARANCES AND RUNOUTS A. ACCOMPLISH NDT OF PUMP SHAFT AND ROTOR ASSEMBLY. B. RESURFACE AND MACHINE SHAFT JOURNALS IN WAY OF PACKING AND BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. STONE/DRESS TIMING GEARS. E. RESURFACE AND MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. F. STONE/DRESS CASING MATING AND SEALING SURFACE. G. REPLACE PUMP ROTOR SHAFT AND KEY. H. REPLACE PUMP ROTOR ASSEMBLY AND ENSURE ROTOR TO CASING CLEARANCES. I. REPLACE LINER/SLEEVE ASSEMBLY. J. REPLACE PUMP CASING. K. REPLACE TIMING GEAR SET AND ENSURE PROPER CLEARANCES. L. REPLACE TIMING GEAR SPACERS. M. REPLACE THRUST WASHERS AND ENSURE PROPER CLEARANCES. N. REPLACE COUPLING. REASSEMBLE UNIT WITH NEW GASKET, BEARINGS, PACKING, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26232-008- -LO PMP ATCHD CRIT HOSE-REPL**MJC:** EXECM073**Rev Date:** 6/1/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 2**Freq:** 240**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2

NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(Q-26232-008) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE MAIN LUBE OIL ATTACHED PUMP CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.

REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE MAIN LUBE OIL ATTACHED PUMP CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A. REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B. FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C. REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D. ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E. INSTALL A NEW IDENTIFICATION TAG. F. INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G. ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: Q-26232-011- -MN LO ATCHD PMP MECH SEAL-REPL				MJC: EXECJCC3		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 350		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-26232-011)PUMP SEAL REQUIRES REPLACEMENT				REPLACE THE ROTARY/SCREW ATTACHED MAIN LUBE OIL SERVICE PUMP MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-26232-012- -MN LO ATCHD PMP BRGS - REPL				MJC: EXECJCC4		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26232-012)PUMP SEALS AND BEARINGS REQUIRE REPLACEMENT	REPLACE THE ROTARY/SCREW ATTACHED MAIN LUBE OIL SERVICE PUMP BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26232-013- -MN LO ATCHD PMP RT ASSY - REPL			MJC: EXECJCC5		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 7,000	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26232-013)PUMP ROTATING ASSEMBLY REQUIRES REPLACEMENT	REPLACE THE ROTARY/SCREW ATTACHED MAIN LUBE OIL SERVICE PUMP ROTATING ASSEMBLY, BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26232-014- -MN LO ATCHD PMP - REPL				MJC: EXECJCC6		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 53,000	ManDays: 10	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26232-014)PUMP REQUIRES REPLACEMENT	REMOVE THE ROTARY/SCREW ATTACHED MAIN LUBE OIL SERVICE PUMP. REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-26232-016- -MN LO SYS PMP - MRC G1B3			MJC: EXECI627		Rev Date: 8/28/2008					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 2	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 2				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26232-016)THE MAIN LUBE OIL SYSTEM PUMP REQUIRES ASSESSMENT.	ACCOMPLISH THE MAIN LUBE OIL SYSTEM PUMP ASSESSMENT IN ACCORDANCE WITH MRC G1B3 AS FOLLOWS: 1. INSPECT ATTACHED LUBE OIL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-26241-007- -NON ATCHD LO PMP - RPR			MJC: EXECQ824		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,980	ManDays: 44	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26241-007)PUMP REQUIRES REPAIR	OPEN ROTARY/SCREW PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD ROTOR AND HOUSING BORE DIAMETER, CLEARANCES AND RUNOUTS A. ACCOMPLISH NDT OF PUMP SHAFT AND ROTOR ASSEMBLY. B. RESURFACE AND MACHINE SHAFT JOURNALS IN WAY OF PACKING AND BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. STONE/DRESS TIMING GEARS. E. RESURFACE AND MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. F. STONE/DRESS CASING MATING AND SEALING SURFACE. G. REPLACE PUMP ROTOR SHAFT AND KEY. H. REPLACE PUMP ROTOR ASSEMBLY AND ENSURE ROTOR TO CASING CLEARANCES. I. REPLACE LINER/SLEEVE ASSEMBLY. J. REPLACE PUMP CASING. K. REPLACE TIMING GEAR SET AND ENSURE PROPER CLEARANCES. L. REPLACE TIMING GEAR SPACERS. M. REPLACE THRUST WASHERS AND ENSURE PROPER CLEARANCES. N. REPLACE COUPLING. REASSEMBLE UNIT WITH NEW GASKET, BEARINGS, PACKING, MECHANICAL SEAL (IF INSTALLED), FASTENERS, O- RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26241-011- -MN LO CLR - RPR			MJC: EXECQ825		Rev Date: 2/24/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 405	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26241-011)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE MAIN LUBE OIL COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPLACE TUBE SHEETS. H. REPAIR TUBE SUPPORT PLATES. I. REPLACE HEADS. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. CHEMICALLY-CLEAN MAIN LUBE OIL COOLER. L. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-26241-015- -LO COASTDOWN PMP - RPR			MJC: EXECQ486		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,900	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26241-015)PUMP REQUIRES REPAIR	OPEN, CLEAN AND INSPECT ALL ROTARY/SCREW PUMP COMPONENTS. RECORD ROTOR AND HOUSING BORE DIAMETER, CLEARANCES AND RUNOUTS A. ACCOMPLISH NDT OF PUMP SHAFT AND ROTOR ASSEMBLY. REPAIR THE ROTARY/SCREW PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. B. RESURFACE AND MACHINE SHAFT JOURNALS IN WAY OF PACKING AND BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. STONE/DRESS TIMING GEARS. E. RESURFACE AND MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. F. STONE/DRESS CASING MATING AND SEALING SURFACE. G. REPLACE PUMP ROTOR SHAFT AND KEY. H. REPLACE PUMP ROTOR ASSEMBLY AND ENSURE ROTOR TO CASING CLEARANCES. I. REPLACE LINER/SLEEVE ASSEMBLY. J. REPLACE PUMP CASING. K. REPLACE TIMING GEAR SET AND ENSURE PROPER CLEARANCES. L. REPLACE TIMING GEAR SPACERS. M. REPLACE THRUST WASHERS AND ENSURE PROPER CLEARANCES. N. REPLACE COUPLING. REASSEMBLE UNIT WITH NEW GASKET, BEARINGS, PACKING, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26241-022- -MN LO CLR - PLUG TB			MJC: EXECJ451		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 405	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26241-022)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26241-023- -MN LO CLR - REPL TB BUNDLE			MJC: EXECJ453		Rev Date: 2/24/2009
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 405	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26241-023)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26241-024- -MN LO CLR - REPL TB			MJC: EXECJ455		Rev Date: 2/24/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 405	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26241-024)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26241-025- -MN LO CLR - REPL ZINCS				MJC: EXECJ457		Rev Date: 2/24/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 405		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26241-025)ZINCS REQUIRE REPLACEMENT	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26241-026- -MN LO CLR - REROLL TB			MJC: EXECJ459		Rev Date: 7/13/2004
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 405	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26241-026)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26241-027- -MN LO CLR - RPR TB SH			MJC: EXECJ461		Rev Date: 2/24/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 405	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26241-027)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26241-028- -MN LO CLR-RPR TB SPRT PLATES			MJC: EXECJ463		Rev Date: 2/24/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 405	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26241-028)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26241-039- -NON ATCHD LO PMP MOT-RWND				MJC: EXECJB52		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,584		ManDays: 34		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26241-039)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE NON-ATTACHED MAIN LUBE OIL PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26241-040- -NON ATCHD LO PMP MOT-RPR				MJC: EXECJB54		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 396		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-26241-040)ELECTRIC MOTOR REQUIRES RECONDITIONING				RECONDITION THE ELECTRIC MOTOR OF THE NON-ATTACHED MAIN LUBE OIL PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.					

Task/Abbreviation: Q-26241-041- -NON ATCHD LO PMP MOT BRG-REPL			MJC: EXECJB56		Rev Date: 2/24/2009
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 198	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26241-041)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE NON-ATTACHED MAIN LUBE OIL PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26241-046- -NON ATCHD LO PMP SEAL-REPL				MJC: EXECJCD1		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 600		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-26241-046)PUMP SEAL REQUIRES REPLACEMENT				REPLACE THE ROTARY/SCREW NON- ATTACHED MAIN LUBE OIL SERVICE PUMP MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-26241-047- -NON ATCHD LO PMP BRGS - REPL				MJC: EXECJCD2		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 800		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-26241-047)PUMP SEALS AND BEARINGS REQUIRE REPLACEMENT				REPLACE THE ROTARY/SCREW NON- ATTACHED MAIN LUBE OIL SERVICE PUMP BEARINGS, MECHANICAL SEAL (IF INSTALLED), FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-26241-048- -NON ATCHD LO PMP RT ASSY-REPL				MJC: EXECJCD3		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 12,000		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-26241-048)PUMP ROTATING ASSEMBLY REQUIRES REPLACEMENT				REPLACE THE ROTARY/SCREW NON- ATTACHED MAIN LUBE OIL SERVICE PUMP ROTATING ASSEMBLY, BEARINGS, MECHANICAL SEAL (IF INSTALLED), FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-26241-049- -NON ATCHD LO PMP - REPL				MJC: EXECJCD4		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 38,000		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-26241-049)PUMP REQUIRES REPLACEMENT				REMOVE THE ROTARY/SCREW NON-ATTACHED MAIN LUBE OIL SERVICE PUMP. REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-26241-050- -LO COASTDN PMP MECH SEAL-REPL			MJC: EXECJCD5		Rev Date: 6/30/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 350	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26241-050)PUMP SEAL REQUIRES REPLACEMENT	REPLACE THE LUBE OIL COASTDOWN PUMP UNIT (ROTARY/SCREW; AIR MOTOR DRIVEN) MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26241-051- -LO COASTDN PMP BRGS - REPL			MJC: EXECJCD6		Rev Date: 6/30/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 410	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26241-051)PUMP SEALS AND BEARINGS REQUIRE REPLACEMENT	REPLACE THE LUBE OIL COASTDOWN PUMP UNIT (ROTARY/SCREW; AIR MOTOR DRIVEN) BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26241-052- -LO COASTDN PMP ROTNG ASSY-REPL			MJC: EXECJCD7		Rev Date: 6/30/2009
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 5,300	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-26241-052)PUMP ROTATING ASSEMBLY REQUIRES REPLACEMENT	REPLACE THE LUBE OIL COASTDOWN PUMP UNIT (ROTARY/SCREW; AIR MOTOR DRIVEN) ROTATING ASSEMBLY, BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: Q-26241-053- -LO COASTDN PMP - REPL			MJC: EXECJCD8		Rev Date: 7/1/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 27,500	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26241-053)PUMP REQUIRES REPLACEMENT	REMOVE THE LUBE OIL COASTDOWN PUMP UNIT (ROTARY/SCREW; AIR MOTOR DRIVEN). REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-26241-056- -MN LO SYS PMP - MRC G1B5			MJC: EXECI629		Rev Date: 8/28/2008					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 4	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 2				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26241-056)THE MAIN LUBE OIL SYSTEM PUMP REQUIRES ASSESSMENT.	ACCOMPLISH THE MAIN LUBE OIL SYSTEM PUMP ASSESSMENT IN ACCORDANCE WITH MRC G1B5 AS FOLLOWS: 1. INSPECT MOTOR DRIVEN LUBE OIL PUMP. 2. PERFORM MOTOR DRIVEN MAIN LUBE OIL PUMP OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-26241-057- -MN LO SYS - MRC G1B1			MJC: EXECI630		Rev Date: 6/21/2005					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 4	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 2				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26241-057)THE NON-ATTACHED MAIN LUBE OIL PUMP MOTOR REQUIRES ASSESSMENT.	ACCOMPLISH THE NON-ATTACHED MAIN LUBE OIL PUMP MOTOR ASSESSMENT IN ACCORDANCE WITH MRC G1B1 AS FOLLOWS: 1. INSPECT MOTOR AND CONTROLLER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-26241-073- -MACHALT 71019 - ACCOMP			MJC: EXSAO286		Rev Date: 6/3/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: MA 71019
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-26241-73) MACHALT 71019, LUB OIL PMP SEAL RPL & BRG MOD, NOT ACCOMPLISHED	ACCOMPLISH MACHALT 71019 (EQUIVALENT TO SCD 1019) WHICH REPLACES THE EXISTING MECHANICAL SEALS WITH CARTRIDGE SEALS TO REDUCE SEAL FAILURES. ALSO MODIFY THE LOWER BEARINGS TO ELIMINATE INTERNAL PUMP WEAR. CHANGES WILL INCREASE THE UNIT'S MEAN TIME BETWEEN FAILURE (MTBF) AND DECREASE S/F WORKLOAD IN MAINTAINING THE UNIT. POC: GARY WRIGHT, 215-897-8464, GARY.WRIGHT@NAVY.MIL

Task/Abbreviation: Q-26241-074- -MN LO COOLER - CLEAN & FLUSH			MJC: EXECQEI6		Rev Date: 3/31/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26241-074)THE MAIN LUBE OIL COOLER REQUIRES CLEANING.	CLEAN AND FLUSH THE MAIN LUBE OIL COOLER.

Task/Abbreviation: Q-26242-007- -NON ATCHD LO PMP - RPR			MJC: EXECQ274		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,980	ManDays: 44	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26242-007)PUMP REQUIRES REPAIR	OPEN ROTARY/SCREW PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD ROTOR AND HOUSING BORE DIAMETER, CLEARANCES AND RUNOUTS A. ACCOMPLISH NDT OF PUMP SHAFT AND ROTOR ASSEMBLY. B. RESURFACE AND MACHINE SHAFT JOURNALS IN WAY OF PACKING AND BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. STONE/DRESS TIMING GEARS. E. RESURFACE AND MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. F. STONE/DRESS CASING MATING AND SEALING SURFACE. G. REPLACE PUMP ROTOR SHAFT AND KEY. H. REPLACE PUMP ROTOR ASSEMBLY AND ENSURE ROTOR TO CASING CLEARANCES. I. REPLACE LINER/SLEEVE ASSEMBLY. J. REPLACE PUMP CASING. K. REPLACE TIMING GEAR SET AND ENSURE PROPER CLEARANCES. L. REPLACE TIMING GEAR SPACERS. M. REPLACE THRUST WASHERS AND ENSURE PROPER CLEARANCES. N. REPLACE COUPLING. REASSEMBLE UNIT WITH NEW GASKET, BEARINGS, PACKING, MECHANICAL SEAL (IF INSTALLED), FASTENERS, O RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26242-011- -MN LO CLR - RPR**MJC:** EXECQ830**Rev Date:** 2/24/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 405**ManDays:** 9**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-26242-011)COOLER REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE MAIN LUBE OIL COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY-TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPLACE TUBE SHEETS. H. REPAIR TUBE SUPPORT PLATES. I. REPLACE HEADS. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. CHEMICALLY-CLEAN MAIN LUBE OIL COOLER. L. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-26242-022- -MN LO CLR - PLUG TB				MJC: EXECJ452		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 405		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26242-022)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26242-023- -MN LO CLR - REPL TB BUNDLE			MJC: EXECJ454		Rev Date: 2/24/2009
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 405	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26242-023)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26242-024- -MN LO CLR - REPL TB				MJC: EXECJ456		Rev Date: 2/24/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 405		ManDays: 7		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26242-024)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26242-025- -MN LO CLR - REPL ZINCS				MJC: EXECJ458		Rev Date: 2/24/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 405		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-26242-025)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-26242-026- -MN LO CLR - REROLL TB			MJC: EXECJ460		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 405	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26242-026)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26242-027- -MN LO CLR - RPR TB SH			MJC: EXECJ462		Rev Date: 2/24/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 405	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26242-027)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26242-028- -MN LO CLR-RPR TB SPRT PLATES			MJC: EXECJ464		Rev Date: 2/24/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 405	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26242-028)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26242-039- -NON ATCHD LO PMP MOT-RWND				MJC: EXECJB53		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,584		ManDays: 34		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26242-039)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE NON-ATTACHED MAIN LUBE OIL PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26242-040- -NON ATCHD LO PMP MOT-RPR			MJC: EXECJB55		Rev Date: 5/25/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 396	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26242-040)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE NON-ATTACHED MAIN LUBE OIL PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 300-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-26242-041- -NON ATCHD LO PMP MOT BRG-REPL				MJC: EXECJB57		Rev Date: 2/24/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 198		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26242-041)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE NON-ATTACHED MAIN LUBE OIL PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26242-046- -NON ATCHD LO PMP SEAL-REPL				MJC: EXECJCE3		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 600		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-26242-046)PUMP SEAL REQUIRES REPLACEMENT				REPLACE THE ROTARY/SCREW NON- ATTACHED MAIN LUBE OIL SERVICE PUMP MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-26242-047- -NON ATCHD LO PMP BRGS - REPL				MJC: EXECJCE4		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 800		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-26242-047)PUMP SEALS AND BEARINGS REQUIRE REPLACEMENT				REPLACE THE ROTARY/SCREW NON- ATTACHED MAIN LUBE OIL SERVICE PUMP BEARINGS, MECHANICAL SEAL (IF INSTALLED), FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-26242-048- -NON ATCHD LO PMP RT ASSY-REPL				MJC: EXECJCE5		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 12,000		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-26242-048)PUMP ROTATING ASSEMBLY REQUIRES REPLACEMENT				REPLACE THE ROTARY/SCREW NON- ATTACHED MAIN LUBE OIL SERVICE PUMP ROTATING ASSEMBLY, BEARINGS, MECHANICAL SEAL (IF INSTALLED), FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-26242-049- -NON ATCHD LO PMP - REPL				MJC: EXECJCE6		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 38,000		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-26242-049)PUMP REQUIRES REPLACEMENT				REMOVE THE ROTARY/SCREW NON- ATTACHED MAIN LUBE OIL SERVICE PUMP. REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-26242-051- -MN LO SYS PMP - MRC G1B5			MJC: EXECI632		Rev Date: 8/28/2008						
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 4	Removal Required:				
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:		
Referenced Authority:			Repair Pool:			MCC: 2					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26242-051)THE MAIN LUBE OIL SYSTEM PUMP REQUIRES ASSESSMENT.	ACCOMPLISH THE MAIN LUBE OIL SYSTEM PUMP ASSESSMENT IN ACCORDANCE WITH MRC G1B5 AS FOLLOWS: 1. INSPECT MOTOR DRIVEN LUBE OIL PUMP. 2. PERFORM MOTOR DRIVEN MAIN LUBE OIL PUMP OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-26242-052- -MN LO SYS - MRC G1B1			MJC: EXECI633		Rev Date: 6/21/2005					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 4	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 2				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26242-052)THE NON-ATTACHED MAIN LUBE OIL PUMP MOTOR REQUIRES ASSESSMENT.	ACCOMPLISH THE NON-ATTACHED MAIN LUBE OIL PUMP MOTOR ASSESSMENT IN ACCORDANCE WITH MRC G1B1 AS FOLLOWS: 1. INSPECT MOTOR AND CONTROLLER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-26242-065- -LO COASTDOWN PMP - RPR**MJC:** EXECQE57**Rev Date:** 6/30/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,900**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-26242-065) PUMP REQUIRES REPAIR.

OPEN, CLEAN AND INSPECT ALL ROTARY/SCREW PUMP COMPONENTS. RECORD ROTOR AND HOUSING BORE DIAMETER, CLEARANCES AND RUNOUTS A. ACCOMPLISH NDT OF PUMP SHAFT AND ROTOR ASSEMBLY. REPAIR THE ROTARY/SCREW PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. B. RESURFACE AND MACHINE SHAFT JOURNALS IN WAY OF PACKING AND BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. STONE/DRESS TIMING GEARS. E. RESURFACE AND MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. F. STONE/DRESS CASING MATING AND SEALING SURFACE. G. REPLACE PUMP ROTOR SHAFT AND KEY. H. REPLACE PUMP ROTOR ASSEMBLY AND ENSURE ROTOR TO CASING CLEARANCES. I. REPLACE LINER/SLEEVE ASSEMBLY. J. REPLACE PUMP CASING. K. REPLACE TIMING GEAR SET AND ENSURE PROPER CLEARANCES. L. REPLACE TIMING GEAR SPACERS. M. REPLACE THRUST WASHERS AND ENSURE PROPER CLEARANCES. N. REPLACE COUPLING. REASSEMBLE UNIT WITH NEW GASKET, BEARINGS, PACKING, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26242-066- -LO COASTDN PMP MECH SEAL-REPL			MJC: EXECQE58		Rev Date: 6/30/2009
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 350	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26242-066)PUMP SEAL REQUIRES REPLACEMENT	REPLACE THE LUBE OIL COASTDOWN PUMP UNIT (ROTARY/SCREW; AIR MOTOR DRIVEN) MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26242-067- -LO COASTDN PMP BRGS - REPL				MJC: EXECQE59		Rev Date: 6/30/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 410		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26242-067)PUMP SEALS AND BEARINGS REQUIRE REPLACEMENT	REPLACE THE LUBE OIL COASTDOWN PUMP UNIT (ROTARY/SCREW; AIR MOTOR DRIVEN) BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26242-068- -LO COASTDN PMP ROTNG ASSY-REPL			MJC: EXECQE60		Rev Date: 6/30/2009
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 5,300	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-26242-068)PUMP ROTATING ASSEMBLY REQUIRES REPLACEMENT	REPLACE THE LUBE OIL COASTDOWN PUMP UNIT (ROTARY/SCREW; AIR MOTOR DRIVEN) ROTATING ASSEMBLY, BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: Q-26242-069- -LO COASTDN PMP - REPL				MJC: EXECQE61		Rev Date: 7/1/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 27,500		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-26242-069)PUMP REQUIRES REPLACEMENT				REMOVE THE LUBE OIL COASTDOWN PUMP UNIT (ROTARY/SCREW; AIR MOTOR DRIVEN). REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-26242-070- -MN LO COOLER - CLEAN & FLUSH			MJC: EXECQEI7		Rev Date: 3/31/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26242-070)THE MAIN LUBE OIL COOLER REQUIRES CLEANING.	CLEAN AND FLUSH THE MAIN LUBE OIL COOLER.

Task/Abbreviation: Q-26431-002- -LO PURIFIER - RPR			MJC: EXECQ833		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,475	ManDays: 55	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26431-002)PURIFIER REQUIRES REPAIR	REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REPAIR THE LUBE OIL PURIFIER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. REMOVE, DISASSEMBLE, CLEAN AND INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. STRAIGHTEN SHAFT TO WITHIN 0.0005 INCHES TIR. B. REPLACE WORM (DRIVER HELICAL GEAR). C. REPLACE WORM GEAR (DRIVEN HELICAL GEAR). D. BALANCE PURIFIER BOWL AND SPINDLE ASSEMBLY. E. REPLACE PUMP DRIVEN GEAR AND SHAFT ASSEMBLY. F. REPLACE DESIGNATED PUMP DRIVEN GEARS. G. REPAIR PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S). H. REPLACE PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S). I. REPAIR BRAKE ASSEMBLY.

Task/Abbreviation: Q-26431-005- -LO PURIFIER HTR - RPR			MJC: EXECQB36		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26431-005)HEATER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE LUBE OIL PURIFIER HEATER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST HEATER SHELL AND TUBE SIDES AND REMOVE WATER BOXES FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE TUBES. B. REPLACE ZINCS.

Task/Abbreviation: Q-26431-009- -LO PURIFIER CRIT HOSE - REPL			MJC: EXECM091		Rev Date: 6/1/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty:	Removal Required:	
Lvl of Maint: 2	Freq: 240	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26431-009) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE LUBE OIL PURIFIER CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.	REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE LUBE OIL PURIFIER CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A. REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B. FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C. REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D. ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E. INSTALL A NEW IDENTIFICATION TAG. F. INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G. ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: Q-26431-011- -LO PURIFIER MOT-RWND				MJC: EXECJC09		Rev Date: 5/23/2005	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 216	ManDays: 8	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26431-011)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE LUBE OIL PURIFIER MOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-26431-012- -LO PURIFIER MOT - RPR				MJC: EXECJC10		Rev Date: 3/26/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 120		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26431-012)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE LUBE OIL PURIFIER MOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-26431-013- -LO PURIFIER MOT BRG-REPL			MJC: EXECJC11		Rev Date: 5/23/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 60	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:		Recommended Solution:		
BASELINE	(Q-26431-013)BEARINGS REQUIRE REPLACEMENT		DISASSEMBLE THE LUBE OIL PURIFIER MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.		

Task/Abbreviation: Q-26431-016- -LO PUR (BOWL ASSY) - RPR			MJC: EXECJE99		Rev Date: 5/23/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,475	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26431-016)BOWL ASSEMBLY REQUIRES REPAIR AND BALANCE	REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE LUBE OIL PURIFIER TO THE EXTENT NECESSARY TO REPAIR AND BALANCE THE BOWL ASSEMBLY. INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE DISC SET(S) AS NECESSARY. B. REPAIR AND BALANCE BOWL ASSEMBLY.

Task/Abbreviation: Q-26431-017- -LO PUR (FD PMPS) - RPR				MJC: EXECJAA0		Rev Date: 5/26/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,475		ManDays: 17		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26431-017)PUMP REQUIRES REPAIR	REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE LUBE OIL PURIFIER TO THE EXTENT NECESSARY TO REPAIR THE PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S). INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPAIR PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S).

Task/Abbreviation: Q-26431-018- -LO PUR (FD PMPS) - REPL				MJC: EXECJAA1		Rev Date: 5/26/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,475		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26431-018)PUMP REQUIRES REPLACEMENT	REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE LUBE OIL PURIFIER TO THE EXTENT NECESSARY TO REPLACE THE PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S). INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE PURIFIED OIL DISCHARGE/DIRTY OIL FEED PUMP(S).

Task/Abbreviation: Q-26431-019- -LO PUR (BRAKE ASSY) - RPR			MJC: EXECJAA2		Rev Date: 5/23/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,475	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26431-019)BRAKE ASSEMBLY REQUIRES REPAIR	REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE LUBE OIL PURIFIER TO THE EXTENT NECESSARY TO REPAIR THE BRAKE ASSEMBLY. INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, PER OEM TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW BEARINGS, GASKETS, O-RINGS AND PACKING. CALIBRATE GAUGES AND THERMOMETERS. TEST AND SET RELIEF VALVES. ALIGN MOTOR TO PURIFIER, ADJUST AND LUBRICATE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPAIR BRAKE ASSEMBLY.

Task/Abbreviation: I-26431-021- -LO PURIFER SYS - MRC G1E3			MJC: EXECI634		Rev Date: 4/12/2005					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 2	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26431-021)THE LUBE OIL FILL, TRANSFER AND PURIFICATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE LUBE OIL FILL, TRANSFER AND PURIFICATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC G1E3 AS FOLLOWS: 1. INSPECT LUBE OIL FILL, TRANSFER AND PURIFICATION SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-26431-025- -LO PURIFER SYS - MRC G1E4				MJC: EXECI638		Rev Date: 12/12/2007					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26431-025)THE PURIFIER MOTOR AND CONTROLLER REQUIRES ASSESSMENT.	ACCOMPLISH THE PURIFIER ASSESSMENT IN ACCORDANCE WITH MRC G1E4 AS FOLLOWS: 1. INSPECT MOTOR AND CONTROLLER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-26431-027- -LO PUR VIB TST - MRC G1P1			MJC: EXECIGC6		Rev Date: 4/28/2006	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-26431-027)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31111-002- -SSTG TURB BRG - RPR**MJC:** EXECQBK3**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 900**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31111-002)TURBINE BEARINGS REQUIRE REPAIR

INSPECT AND REPAIR OR REPLACE THE DESIGNATED TURBINE BEARINGS OF THE SSTG SET PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT ALL BRG HOUSING & BRG FINISHED SURFACES ARE CLEAN. ACCOMPLISH AS-FOUND BEARING PINCH CHECKS. MEASURE/RECORD OIL DEFLECTOR TO SHAFT CLEARANCES, BEARING AND JOURNAL DIMENSIONS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF AUTHORIZED RPRS FROM FOLLOWING LIST, ASSEMBLE BRG HOUSINGS & ENSURE BEARING HOUSINGS CONCENTRICITY AND PERPENDICULARITY TO UNIT CENTERLINE. A. RESURFACE AND MACHINE DESIGNATED JOURNALS. B. REPLACE DESIGNATED OIL DEFLECTORS. C. GRIND OR REPLACE THRUST COLLAR. D. REPLACE DESIGNATED THRUST BRG SHOES (ACT/INACTIVE). E. GRIND DESIGNATED THRUST BRG RETAINING RINGS (A/I). F. REPL DESIGNATED THRUST BRG RETAINING RINGS (A/I). G. GRIND DESIGNATED THRUST BRG SHIMS(ACTIVE/INACTIVE). H. REPL DESIGNATED THRUST BRG SHIMS (ACTIVE/INACTIVE). I. REBABBIT DESIGNATED JOURNAL BEARINGS. J. REPLACE DESIGNATED JOURNAL BEARINGS.

Task/Abbreviation: Q-31111-003- -SSTG SPD GOV - RPR**MJC:** EXECQBK4**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:** NO**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 360**ManDays:** 8**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31111-003)GOVERNOR REQUIRES REPAIR

ACCOMPLISH AUTHORIZED REPAIRS TO THE ELECTRO-HYDRAULIC SPEED GOVERNOR SYSTEM OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST-REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR IN-PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-004- -SSTG THROTTLE VLV - RPR**MJC:** EXECQ288**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 90**ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31111-004)TRIP/THROTTLE VALVE REQUIRES REPAIR

ACCOMPLISH REPAIRS TO THE TRIP AND THROTTLE VALVE ASSEMBLY OF THE SHIPS SERVICE TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. REMOVE INSULATION, DISASSEMBLE, INSPECT AND NDT VALVE ASSEMBLY, INCLUDING HYDRAULIC OPERATING MECHANISM. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW GASKETS, REPLACE MISSING OR UNSERVICEABLE FASTENERS AND REINSULATE VALVE ASSEMBLY. A. RESURFACE AND MACHINE VALVE STEM (INCLUDE PILOT VALVE). B. REPLACE VALVE STEM (INCLUDE PILOT VALVE). C. RESURFACE AND MACHINE MAIN VALVE. D. GRIND AND LAP VALVE SEATS (MAIN AND PILOT). E. REPLACE VALVE SEAT (MAIN). F. REPLACE VALVE STEM BUSHING(S). G. REPLACE PILOT VALVE. H. REPLACE PILOT VALVE BUSHING. I. REPLACE DUMP VALVE. J. REPAIR STEAM STRAINER. K. REPLACE STEAM STRAINER. TEST HYDRAULIC OPERATING MECHANISM AND ADJUST TRIP DEVICE LINKAGE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-005- -SSTG INL STM VLV GR - RPR**MJC:** EXECQ289**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 675**ManDays:** 15**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31111-005)CONTROL VALVE REQUIRES REPAIR

ACCOMPLISH REPAIRS TO THE INLET STEAM CONTROL VALVE GEAR ASSEMBLY (LIFTING BEAM TYPE) OF THE SHIPS SERVICE TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. REMOVE VALVE COVER OFF TURBINE CASING AND INSTALL PROTECTIVE COVER ON TURBINE CASING. DISASSEMBLE, INSPECT AND NDT VALVE GEAR COMPONENTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. A. REPAIR LIFTING BEAM. B. REPLACE LIFTING BEAM. C. REPAIR VALVE STEMS. D. REPLACE VALVE STEMS. E. REPLACE VALVE STEM BUSHINGS. F. RESURFACE AND MACHINE VALVES. G. REPLACE VALVES. H. RESURFACE AND MACHINE VALVE SEATS. I. REPLACE VALVE SEATS. ENSURE THAT VALVE COVER AND TURBINE CASING JOINTS ARE IN GOOD CONDITION. SET CRACKING POINT ON VALVES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-006- -SSTG RDCN GR - RPR**MJC:** EXECQ290**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 6,750**ManDays:** 150**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31111-006)REDUCTION GEAR REQUIRES REPAIR

DISCONNECT & RMV INTERFERENCES & RMV UPPER HALF OF RDCN GEAR CASE FOR INTERNAL EXAM. INSP GEAR TOOTH CONTACT & EXAMINE BRGS. ACCOMP BLUE CONTACT CHECK OF GEAR TEETH. HAND WIPE/CLEAN GEAR SUMP. MEAS/RECORD BRG & THRUST CLEARANCES & JOURNAL CONDITION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. UPON COMP OF RPRS, AS AUTH FROM THE FOLLOWING LIST, REASSEM UNIT USING NEW GSKTS/JTING COMPOUND. PROV RECORD OF POST RPR RUNNING CLEARANCES & ALIGNMENT DATA. INSTALL MUSLIN BAGS IN STR BSKT & OP UNIT IN UNLOADED COND MINIMUM OF ONE HOUR. CK BAGS AT 30 MINUTE INTERVALS UNTIL CLEAN. A. POLISH/STONE GEAR TEETH. B. REPLACE/REBABBIT BEARINGS. C. REMOVE GEARS TO SHOP AND MACHINE/POLISH JOURNALS. D. REMOVE, DISMANTLE AND INSPECT QUILL SHAFT ASSEMBLY. F. DISCONNECT/CLN & PICKLE EXTERNAL LUBE OIL PIPING. G. REPLACE DESIGNATED OIL DEFLECTORS.

Task/Abbreviation: Q-31111-007- -SSTG A.C. GEN - RPR			MJC: EXECQ291		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,710	ManDays: 38	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-007)GENERATOR REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE FOLLOWING DESIGNATED COMPONENTS OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. UPON COMPLETION OF REPAIRS, REINSTALL COMPONENTS REPLACING MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. CONTROLLER / CONTROL PANEL B. COUPLING C. FOUNDATION D. GENERATOR E. INSTRUMENTATION F. MOTOR G. MOUNTS, RESILIENT (REPLACEMENT).

Task/Abbreviation: Q-31111-008- -SSTG TURB - RPR**MJC:** EXECQ835**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 6,750**ManDays:** 150**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31111-008)TURBINE REQUIRES REPAIR

OPEN TURBINE CASING AND REMOVE THE ROTATING ASSEMBLY TO SHOP. CLEAN AND INSPECT ALL PARTS. REPORT CONDITIONS FOUND TO THE NSA. BLAST CLEAN TURBINE ROTOR WITH ALUMINUM OXIDE. DYE-CHECK ROTOR ASSEMBLY BLADING/SHROUDS FOR CRACKS. CLEAN AND DYE-CHECK STATIONARY BLADING NOZZLES IN PLACE. DYNAMICALLY BALANCE ROTOR ASSEMBLY. UPON COMPLETION OF REPAIRS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW CARBON PACKING, LABYRINTH SEALS, GASKETS AND JOINTING COMPOUND. MEASURE AND RECORD ALL AS-RELEASED RUNNING CLEARANCES AND ALIGNMENT DATA. SHIP'S FORCE WILL CONDUCT OPERATIONAL TEST. A. CHROME/MACHINE JOURNALS. B. REMOVE STATIONARY BLADING/NOZZLES, DRESS AND REPAIR. C. DISMANTLE THROTTLE VALVE ASSEMBLY. INSPECT AND PROVIDE REPORT. DYE CHECK/BLUE SEATS AND REPAIR AS NEEDED. D. REBABBIT/REPLACE BEARINGS. E. REPLACE OIL DEFLECTORS. F. RESET ROTOR POSITION INDICATORS. G. RE-ESTABLISH BEARING CLEARANCE CONSTANTS. J. REPAIR TURBINE CASING RELIEF VALVE.

Task/Abbreviation: Q-31111-009- -SSTG LO CLR - RPR			MJC: EXECQB37		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-009)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31111-010- -SSTG AIR CLR - RPR				MJC: EXECQB42		Rev Date: 9/2/2011	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-010)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31111-011- -SSTG A.C. GEN - ALIGN			MJC: EXECQB47		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-011)A.C. GENERATOR REQUIRES ALIGNMENT	ALIGN THE A.C. GENERATOR OF THE SHIP SERVICE TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND CLEARANCES AND ALIGNMENT DATA. ENSURE THE GENERATOR BEARING, FIELD ROTOR AND STATOR ARE ALL WITHIN THE SAME CENTERLINE. ALIGN FIELD ROTOR TO THE REDUCTION GEAR LOW SPEED SHAFT. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP INCLUDING FINAL ALIGNMENT READINGS. A. ACCOMPLISH REQUIRED ALIGNMENT CORRECTIONS. B. INSTALL NEW GENERATOR STATOR-TO-FOUNDATION DOWELS.

Task/Abbreviation: Q-31111-012- -SSTG SET - OIL FLUSH**MJC:** EXECQB52**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,125**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31111-012)SHIP SERVICE TURBINE GENERATOR
SET REQUIRES AN OIL FLUSHACCOMPLISH AN OIL FLUSH OF THE SHIP SERVICE TURBINE
GENERATOR SET AFTER DISCONNECTING, CLEANING AND PICKLING
THE EXTERNAL LUBE OIL PIPING, INCLUDING THE OIL SPRAY
NOZZLES. ENSURE THAT OIL SUMP IS CLEAN AND FREE FROM
FOREIGN MATTER. REASSEMBLE ALL BEARINGS, BEARING
HOUSINGS AND UPPER HALF COVERS. USE A FULL-CAPACITY OIL
PUMP FOR OIL FLUSHING AND ENSURE THAT BEARINGS ARE
BY-PASSED. FLUSH THROUGH ONE BEARING HOUSING AT A TIME
ENSURING MAXIMUM FLOW AND PRESSURE DROP AND UNTIL OIL
CONDITION PROVES TO BE FREE FROM FOREIGN MATTER. CLEAN
LUBE OIL SUMP (POST- FLUSHING). FLUSH THROUGH INSTALLED
FILTER SYSTEM UNTIL VISUAL AND DELTA PRESSURE READINGS
ARE ACCEPTABLE. ENSURE THAT NO FOREIGN MATTER IS
PRESENT WITHIN SYSTEM BEFORE LOADING UNIT.

Task/Abbreviation: Q-31111-014- -SSTG ATCHD LO PMP - RPR			MJC: EXECQ148		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-014)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-015- -SSTG AIR CLR - PLUG TB			MJC: EXECJ831		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-015)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-016- -SSTG AIR CLR - REPL BUNDLE				MJC: EXECJ836		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 13		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-016)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-017- -SSTG AIR CLR - REPL TB			MJC: EXECJ841		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-017)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-018- -SSTG AIR CLR - REPL ZINCS				MJC: EXECJ846		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31111-018)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31111-019- -SSTG AIR CLR - REROLL TB			MJC: EXECJ851		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-019)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-020- -SSTG AIR CLR - RPR TB SH			MJC: EXECJ856		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-020)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-021- -SSTG AIR CLR - RPR TB SPRTS				MJC: EXECJ861		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 9		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-021)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-022- -SSTG LO CLR - PLUG TB			MJC: EXECJ866		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-022)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-023- -SSTG LO CLR - REPL TB BUNDLE			MJC: EXECJ871		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-023)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-024- -SSTG LO CLR - REPL TB			MJC: EXECJ876		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-024)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-025- -SSTG LO CLR - REPL ZINCS				MJC: EXECJ881		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31111-025)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31111-026- -SSTG LO CLR - REROLL TB			MJC: EXECJ886		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-026)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-027- -SSTG LO CLR - RPR TB SH				MJC: EXECJ891		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 9		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-027)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-028- -SSTG LO CLR - RPR TB SPRT PLTS			MJC: EXECJ896		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-028)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-029- -SSTG AC GEN W/RTR RMV-CLN**MJC:** EXECJ996**Rev Date:** 9/2/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 540 **ManDays:** 3 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:** **Problem Description:** **Recommended Solution:**

BASELINE (Q-31111-029)ROTOR ASSEMBLY REQUIRES REPAIR

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE BRUSH RIGGING AND ROTATING ASSEMBLIES. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. CLEAN BRUSH RIGGING. RECONDITION EXCITER AND MAIN ROTOR IN ACCORDANCE WITH THE REQUIREMENTS OF 009-17. REPAIR END BELLS. IN PLACE CLEAN, RINSE, & DRY THE STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. INSTALL NEW BEARINGS, SEALS AND GASKETS. INSTALL ROTATING ASSEMBLIES AND BRUSH RIGGING. ALIGN THE GENERATOR. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-030- -SSTG AC GEN SLIP RINGS-REPL			MJC: EXECJA01		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 135	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-030)SLIP RINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. DISASSEMBLE. REMOVE BRUSH RIGGING. CLEAN BRUSH RIGGING. REPLACE SLIP RINGS. ALIGN THE GENERATOR. INSTALL BRUSH RIGGING. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-031- -SSTG AC GEN RTD(S)-REPL				MJC: EXECJA06		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 135		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-031)RESISTIVE TEMPERATURE DETECTOR(S) (RTD) REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-032- -SSTG AC GEN IN PLACE-CLN**MJC:** EXECJA11**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 495**ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31111-032)A.C. GENERATOR REQUIRES
CLEANING

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE BRUSH RIGGING. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. CLEAN BRUSH RIGGING. REPLACE OR MACHINE, CLEAN AND POLISH SLIP RINGS. IN PLACE CLEAN, RINSE, & DRY THE ROTOR AND STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. ALIGN THE GENERATOR. INSTALL BRUSH RIGGING. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-033- -SSTG AC GEN BRUSHES-REPL			MJC: EXECJA16		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 135	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-033)BRUSHES REQUIRE REPLACEMENT	OPEN AND INSPECT THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE AND ADJUST BRUSHES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-034- -SSTG AC GEN BEARINGS-REPL			MJC: EXECJA21		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 270	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-034)BEARINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE BEARINGS, SEALS, AND GASKETS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-035- -SSTG JOURNAL BRGS - RPR				MJC: EXECJAY1		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-035)BEARINGS REQUIRE REPAIR	REPAIR SSTG TURBINE JOURNAL BEARINGS AS FOLLOWS: REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. MEASURE/RECORD OIL DEFLECTOR TO SHAFT CLEARANCES. DISASSEMBLE BEARING. CLEAN AND EXAMINE THE BEARING FOR WEAR OR DEFECTS. REBABBIT/REPAIR BEARINGS THAT ARE OUT OF TOLERANCE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THE BEARING AND REINSTALL. ENSURE OIL PASSAGE TO THE BEARING IS FREE OF DIRT OR DEBRIS. ASSEMBLE BEARING HOUSING AND ENSURE BEARING HOUSING CONCENTRICITY AND PERPENDICULARITY TO UNIT CENTERLINE. ESTABLISH NEW BEARING CONSTANT. OPERATIONALLY TEST.

Task/Abbreviation: Q-31111-036- -SSTG THRUST BRG - RPR			MJC: EXECJAY2		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-036)THRUST BEARING REQUIRES REPAIR	REPAIR SSTG TURBINE THRUST BEARING AS FOLLOWS: REMOVE BEARING COVER. DISASSEMBLE THE THRUST BEARING. INSPECT THRUST COLLAR, SHOES AND PADS. REPAIR/REPLACE PARTS FOUND UNSUITABLE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THRUST BEARING AND SHIM AS NECESSARY TO OBTAIN THRUST CLEARANCE. INSTALL BEARING COVER. OPERATIONALLY TEST.

Task/Abbreviation: Q-31111-037- -SSTG RDCN GR BRGS - REPL			MJC: EXECJAY3		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,625	ManDays: 100	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-037)BEARINGS REQUIRE REPLACEMENT	REPLACE SSTG REDUCTION GEAR BEARINGS. REMOVE THE REDUCTION GEAR COVER. REMOVE THE FORWARD AND AFT HIGH SPEED SHAFT AND THE LOW SPEED SHAFT BEARINGS IN ACCORDANCE WITH THE APPLICABLE TECH MANUAL. INSPECT/MEASURE BEARINGS FOR SURFACE DEFECTS AND WEAR. REPLACE BEARINGS THAT EXCEED WEAR SPECS. REINSTALL REDUCTION GEAR COVER. OPERATIONALLY TEST.

Task/Abbreviation: Q-31111-038- -RDCN GR OIL DEFLECTORS - REPL			MJC: EXECJAY4		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-038)OIL DEFLECTOR REQUIRES REPLACEMENT	REPLACE SSTG REDUCTION GEAR OIL DEFLECTORS AS FOLLOWS: REMOVE GEAR COVER. REMOVE OLD DEFLECTORS. STONE SHAFT IN WAY OF DEFLECTORS. INSTALL NEW OIL DEFLECTORS. OPERATIONALLY TEST.

Task/Abbreviation: Q-31111-039- -SSTG TURB ROTOR INDICATOR-RPR			MJC: EXECJAY5		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 6,750	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-039)TURBINE ROTOR POSITION INDICATOR REQUIRES REPAIR	REPAIR SSTG TURBINE ROTOR POSITION INDICATOR AS FOLLOWS: REMOVE INDICATOR FROM TURBINE. CLEAN AND INSPECT. REPLACE ANY PARTS FOUND DEFECTIVE. VERIFY PROPER ROTOR AXIAL POSITION. REINSTALL AND CALIBRATE INDICATOR.

Task/Abbreviation: Q-31111-040- -SSTG TURB LABYRINTHS - REPL				MJC: EXECJAY6		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-040)LABYRINTH REQUIRES REPLACEMENT	REPLACE SSTG TURBINE LABYRINTH SEALS AS FOLLOWS: DISASSEMBLE, CLEAN AND EXAMINE THE LABYRINTH STEAM SEAL ASSEMBLIES FOR WEAR AND DEFECTS. POLISH THE SHAFT IN WAY OF SEAL REMOVALS. REPLACE WITH NEW LABYRINTH PACKING ASSEMBLIES. REASSEMBLE AND RELAG CASING AND PIPING. OPERATIONALLY TEST.

Task/Abbreviation: Q-31111-041- -SSTG TURB OIL DEFLECTORS-REPL			MJC: EXECJAY7		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-041)OIL DEFLECTOR REQUIRES REPLACEMENT	REPLACE SSTG TURBINE OIL DEFLECTORS AS FOLLOWS: REMOVE OLD DEFLECTORS. STONE SHAFT IN WAY OF DEFLECTORS. INSTALL NEW OIL DEFLECTORS. OPERATIONALLY TEST.

Task/Abbreviation: Q-31111-042- -SSTG CASING RELIEF VLV - RPR				MJC: EXECJAY8		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 4,725		ManDays: 74		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31111-042)RELIEF VALVE REQUIRES REPAIR				REPAIR SSTG CASING RELIEF VALVE. REMOVE VALVE TO SHOP AND ACCOMPLISH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-52. ON COMPLETION OF REPAIRS, REINSTALL VALVE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31111-043- -SSTG ATCHD LO PMP CSG-REPL			MJC: EXECJCF3		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 90	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-043)PUMP CASING REQUIRES REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ROTARY/GEAR) OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE THE OUTER CASING. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31111-044- -SSTG ATCHD LO PMP INT-REPL			MJC: EXECJCF4		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 270	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31111-044)PUMP INTERNALS REQUIRE REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ROTARY/GEAR) OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE PUMP INTERNALS AS A MATCHED SET (INTERNAL REPLACEMENT KIT) PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF INTERNAL REPLACEMENT REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-31111-054- -SSTG TURB THRUST BRG- MRC A7ER			MJC: EXECID34		Rev Date: 9/2/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31111-054)THE SHIP SERVICE TURBINE GENERATOR TURBINE THRUST BEARING REQUIRES ASSESSMENT.	ACCOMPLISH THE SHIP SERVICE TURBINE GENERATOR TURBINE THRUST BEARING ASSESSMENT IN ACCORDANCE WITH MRC A7ER AS FOLLOWS: 1. MEASURE TURBINE THRUST BEARING CLEARANCE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31111-078- -SSTG VIB TST - MRC G1P1			MJC: EXECIGC7		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31111-078)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31111-079- -SSTG TURB LABYRINTH - MRC A5I0			MJC: EXECIIT5		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31111-079)TURBINE LABYRINTH PACKING REQUIRES ASSESSMENT.	ACCOMPLISH SSTG TURBINE LABYRINTH PACKING ASSESSMENT IN ACCORDANCE WITH MRC A5I0 AS FOLLOWS: 1. INSPECT TURBINE LABYRINTH PACKING. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31111-082- -SSTG GLAND SEAL REG - MRC A4V5			MJC: EXECIY9		Rev Date: 2/23/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31111-082)TURBINE GLAND SEAL REGULATOR REQUIRES ASSESSMENT.	ACCOMPLISH SSTG TURBINE GLAND SEAL REGULATOR ASSESSMENT IN ACCORDANCE WITH MRC A4V5 AS FOLLOWS: 1. INSPECT GLAND SEAL REGULATOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31112-002- -SSTG TURB BRG - RPR**MJC:** EXECQ292**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 900**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31112-002)TURBINE BEARINGS REQUIRE REPAIR

INSPECT AND REPAIR OR REPLACE THE DESIGNATED TURBINE BEARINGS OF THE SSTG SET PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT ALL BRG HOUSING & BRG FINISHED SURFACES ARE CLEAN. ACCOMPLISH AS-FOUND BEARING PINCH CHECKS. MEASURE/RECORD OIL DEFLECTOR TO SHAFT CLEARANCES, BEARING AND JOURNAL DIMENSIONS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF AUTHORIZED RPRS FROM FOLLOWING LIST, ASSEMBLE BRG HOUSINGS & ENSURE BEARING HOUSINGS CONCENTRICITY AND PERPENDICULARITY TO UNIT CENTERLINE. A. RESURFACE AND MACHINE DESIGNATED JOURNALS. B. REPLACE DESIGNATED OIL DEFLECTORS. C. GRIND OR REPLACE THRUST COLLAR. D. REPLACE DESIGNATED THRUST BRG SHOES (ACT/INACTIVE). E. GRIND DESIGNATED THRUST BRG RETAINING RINGS (A/I). F. REPL DESIGNATED THRUST BRG RETAINING RINGS (A/I). G. GRIND DESIGNATED THRUST BRG SHIMS(ACTIVE/INACTIVE). H. REPL DESIGNATED THRUST BRG SHIMS (ACTIVE/INACTIVE). I. REBABBIT DESIGNATED JOURNAL BEARINGS. J. REPLACE DESIGNATED JOURNAL BEARINGS.

Task/Abbreviation: Q-31112-003- -SSTG SPD GOV - RPR**MJC:** EXECQ293**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 360**ManDays:** 8**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31112-003)GOVERNOR REQUIRES REPAIR

ACCOMPLISH AUTHORIZED REPAIRS TO THE ELECTRO-HYDRAULIC SPEED GOVERNOR SYSTEM OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST-REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR IN-PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-004- -SSTG THROTTLE VLV - RPR**MJC:** EXECQ294**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 90**ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 4**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31112-004)TRIP/THROTTLE VALVE REQUIRES REPAIR

ACCOMPLISH REPAIRS TO THE TRIP AND THROTTLE VALVE ASSEMBLY OF THE SHIPS SERVICE TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. REMOVE INSULATION, DISASSEMBLE, INSPECT AND NDT VALVE ASSEMBLY, INCLUDING HYDRAULIC OPERATING MECHANISM. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW GASKETS, REPLACE MISSING OR UNSERVICEABLE FASTENERS AND REINSULATE VALVE ASSEMBLY. A. RESURFACE AND MACHINE VALVE STEM (INCLUDE PILOT VALVE). B. REPLACE VALVE STEM (INCLUDE PILOT VALVE). C. RESURFACE AND MACHINE MAIN VALVE. D. GRIND AND LAP VALVE SEATS (MAIN AND PILOT). E. REPLACE VALVE SEAT (MAIN). F. REPLACE VALVE STEM BUSHING(S). G. REPLACE PILOT VALVE. H. REPLACE PILOT VALVE BUSHING. I. REPLACE DUMP VALVE. J. REPAIR STEAM STRAINER. K. REPLACE STEAM STRAINER. TEST HYDRAULIC OPERATING MECHANISM AND ADJUST TRIP DEVICE LINKAGE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-005- -SSTG INL STM VLV GR - RPR**MJC:** EXECQ295**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 675**ManDays:** 15**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31112-005)CONTROL VALVE REQUIRES REPAIR

ACCOMPLISH REPAIRS TO THE INLET STEAM CONTROL VALVE GEAR ASSEMBLY (LIFTING BEAM TYPE) OF THE SHIPS SERVICE TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. REMOVE VALVE COVER OFF TURBINE CASING AND INSTALL PROTECTIVE COVER ON TURBINE CASING. DISASSEMBLE, INSPECT AND NDT VALVE GEAR COMPONENTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. A. REPAIR LIFTING BEAM. B. REPLACE LIFTING BEAM. C. REPAIR VALVE STEMS. D. REPLACE VALVE STEMS. E. REPLACE VALVE STEM BUSHINGS. F. RESURFACE AND MACHINE VALVES. G. REPLACE VALVES. H. RESURFACE AND MACHINE VALVE SEATS. I. REPLACE VALVE SEATS. ENSURE THAT VALVE COVER AND TURBINE CASING JOINTS ARE IN GOOD CONDITION. SET CRACKING POINT ON VALVES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-006- -SSTG RDCN GR - RPR**MJC:** EXECQ296**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 6,750**ManDays:** 150**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31112-006)REDUCTION GEAR REQUIRES REPAIR

DISCONNECT & RMV INTERFERENCES & RMV UPPER HALF OF RDCN GEAR CASE FOR INTERNAL EXAM. INSP GEAR TOOTH CONTACT & EXAMINE BRGS. ACCOMP BLUE CONTACT CHECK OF GEAR TEETH. HAND WIPE/CLEAN GEAR SUMP. MEAS/RECORD BRG & THRUST CLEARANCES & JOURNAL CONDITION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. UPON COMP OF RPRS, AS AUTH FROM THE FOLLOWING LIST, REASSEM UNIT USING NEW GSKTS/JTING COMPOUND. PROV RECORD OF POST RPR RUNNING CLEARANCES & ALIGNMENT DATA. INSTALL MUSLIN BAGS IN STR BSKT & OP UNIT IN UNLOADED COND MINIMUM OF ONE HOUR. CK BAGS AT 30 MINUTE INTERVALS UNTIL CLEAN. A. POLISH/STONE GEAR TEETH. B. REPLACE/REBABBIT BEARINGS. C. REMOVE GEARS TO SHOP AND MACHINE/POLISH JOURNALS. D. REMOVE, DISMANTLE AND INSPECT QUILL SHAFT ASSEMBLY. F. DISCONNECT/CLN & PICKLE EXTERNAL LUBE OIL PIPING. G. REPLACE DESIGNATED OIL DEFLECTORS.

Task/Abbreviation: Q-31112-007- -SSTG A.C. GEN - RPR			MJC: EXECQ297		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,710	ManDays: 38	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-007)GENERATOR REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE FOLLOWING DESIGNATED COMPONENTS OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. UPON COMPLETION OF REPAIRS, REINSTALL COMPONENTS REPLACING MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. CONTROLLER / CONTROL PANEL B. COUPLING C. FOUNDATION D. GENERATOR E. INSTRUMENTATION F. MOTOR G. MOUNTS, RESILIENT (REPLACEMENT).

Task/Abbreviation: Q-31112-008- -SSTG TURB - RPR**MJC:** EXECQ836**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 6,750**ManDays:** 150**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31112-008)TURBINE REQUIRES REPAIR

OPEN TURBINE CASING AND REMOVE THE ROTATING ASSEMBLY TO SHOP. CLEAN AND INSPECT ALL PARTS. REPORT CONDITIONS FOUND TO THE NSA. BLAST CLEAN TURBINE ROTOR WITH ALUMINUM OXIDE. DYE-CHECK ROTOR ASSEMBLY BLADING/SHROUDS FOR CRACKS. CLEAN AND DYE-CHECK STATIONARY BLADING NOZZLES IN PLACE. DYNAMICALLY BALANCE ROTOR ASSEMBLY. UPON COMPLETION OF REPAIRS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW CARBON PACKING, LABYRINTH SEALS, GASKETS AND JOINTING COMPOUND. MEASURE AND RECORD ALL AS-RELEASED RUNNING CLEARANCES AND ALIGNMENT DATA. SHIP'S FORCE WILL CONDUCT OPERATIONAL TEST. A. CHROME/MACHINE JOURNALS. B. REMOVE STATIONARY BLADING/NOZZLES, DRESS AND REPAIR. C. DISMANTLE THROTTLE VALVE ASSEMBLY. INSPECT AND PROVIDE REPORT. DYE CHECK/BLUE SEATS AND REPAIR AS NEEDED. D. REBABBIT/REPLACE BEARINGS. E. REPLACE OIL DEFLECTORS. F. RESET ROTOR POSITION INDICATORS. G. RE-ESTABLISH BEARING CLEARANCE CONSTANTS. J. REPAIR TURBINE CASING RELIEF VALVE.

Task/Abbreviation: Q-31112-009- -SSTG LO CLR - RPR				MJC: EXECQB38		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-009)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31112-010- -SSTG AIR CLR - RPR**MJC:** EXECQB43**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31112-010)COOLER REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31112-011- -SSTG A.C. GEN - ALIGN**MJC:** EXECQB48**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 225**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31112-011)A.C. GENERATOR REQUIRES
ALIGNMENTALIGN THE A.C. GENERATOR OF THE SHIP SERVICE TURBINE
GENERATOR SET PER CONDITION ASSESSMENT
RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND
CLEARANCES AND ALIGNMENT DATA. ENSURE THE GENERATOR
BEARING, FIELD ROTOR AND STATOR ARE ALL WITHIN THE SAME
CENTERLINE. ALIGN FIELD ROTOR TO THE REDUCTION GEAR LOW
SPEED SHAFT. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP
INCLUDING FINAL ALIGNMENT READINGS. A. ACCOMPLISH
REQUIRED ALIGNMENT CORRECTIONS. B. INSTALL NEW
GENERATOR STATOR-TO-FOUNDATION DOWELS.

Task/Abbreviation: Q-31112-012- -SSTG SET - OIL FLUSH**MJC:** EXECQB53**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,125**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31112-012)SHIP SERVICE TURBINE GENERATOR
SET REQUIRES AN OIL FLUSHACCOMPLISH AN OIL FLUSH OF THE SHIP SERVICE TURBINE
GENERATOR SET AFTER DISCONNECTING, CLEANING AND PICKLING
THE EXTERNAL LUBE OIL PIPING, INCLUDING THE OIL SPRAY
NOZZLES. ENSURE THAT OIL SUMP IS CLEAN AND FREE FROM
FOREIGN MATTER. REASSEMBLE ALL BEARINGS, BEARING
HOUSINGS AND UPPER HALF COVERS. USE A FULL-CAPACITY OIL
PUMP FOR OIL FLUSHING AND ENSURE THAT BEARINGS ARE
BY-PASSED. FLUSH THROUGH ONE BEARING HOUSING AT A TIME
ENSURING MAXIMUM FLOW AND PRESSURE DROP AND UNTIL OIL
CONDITION PROVES TO BE FREE FROM FOREIGN MATTER. CLEAN
LUBE OIL SUMP (POST- FLUSHING). FLUSH THROUGH INSTALLED
FILTER SYSTEM UNTIL VISUAL AND DELTA PRESSURE READINGS
ARE ACCEPTABLE. ENSURE THAT NO FOREIGN MATTER IS
PRESENT WITHIN SYSTEM BEFORE LOADING UNIT.

Task/Abbreviation: Q-31112-014- -SSTG ATCHD LO PMP - RPR			MJC: EXECQ149		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-014)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-015- -SSTG AIR CLR - PLUG TB			MJC: EXECJ832		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-015)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-016- -SSTG AIR CLR - REPL BUNDLE				MJC: EXECJ837		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 13		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31112-016)COOLER TUBE BUNDLE REQUIRES REPLACEMENT				REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31112-017- -SSTG AIR CLR - REPL TB			MJC: EXECJ842		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-017)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-018- -SSTG AIR CLR - REPL ZINCS				MJC: EXECJ847		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31112-018)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31112-019- -SSTG AIR CLR - REROLL TB			MJC: EXECJ852		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-019)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-020- -SSTG AIR CLR - RPR TB SH			MJC: EXECJ857		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-020)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-021- -SSTG AIR CLR - RPR TB SPRTS				MJC: EXECJ862		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 9		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-021)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-022- -SSTG LO CLR - PLUG TB			MJC: EXECJ867		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-022)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-023- -SSTG LO CLR - REPL TB BUNDLE			MJC: EXECJ872		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-023)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-024- -SSTG LO CLR - REPL TB			MJC: EXECJ877		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-024)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-025- -SSTG LO CLR - REPL ZINCS				MJC: EXECJ882		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31112-025)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31112-026- -SSTG LO CLR - REROLL TB			MJC: EXECJ887		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-026)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-027- -SSTG LO CLR - RPR TB SH			MJC: EXECJ892		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-027)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-028- -SSTG LO CLR - RPR TB SPRT PLTS			MJC: EXECJ897		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-028)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-029- -SSTG AC GEN W/RTR RMV-CLN**MJC:** EXECJ997**Rev Date:** 9/2/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 540 **ManDays:** 3 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 1**Reason:** **Problem Description:** **Recommended Solution:**

BASELINE (Q-31112-029)ROTOR ASSEMBLY REQUIRES REPAIR

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE BRUSH RIGGING AND ROTATING ASSEMBLIES. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. CLEAN BRUSH RIGGING. RECONDITION EXCITER AND MAIN ROTOR IN ACCORDANCE WITH THE REQUIREMENTS OF 009-17. REPAIR END BELLS. IN PLACE CLEAN, RINSE, & DRY THE STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. INSTALL NEW BEARINGS, SEALS AND GASKETS. INSTALL ROTATING ASSEMBLIES AND BRUSH RIGGING. ALIGN THE GENERATOR. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-030- -SSTG AC GEN SLIP RINGS-REPL**MJC:** EXECJA02**Rev Date:** 9/2/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 135**ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31112-030)SLIP RINGS REQUIRE REPLACEMENT

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. DISASSEMBLE. REMOVE BRUSH RIGGING. CLEAN BRUSH RIGGING. REPLACE SLIP RINGS. ALIGN THE GENERATOR. INSTALL BRUSH RIGGING. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-031- -SSTG AC GEN RTD(S)-REPL			MJC: EXECJA07		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 135	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-031)RESISTIVE TEMPERATURE DETECTOR(S) (RTD) REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-032- -SSTG AC GEN IN PLACE-CLN**MJC:** EXECJA12**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 495**ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31112-032)A.C. GENERATOR REQUIRES
CLEANING

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE BRUSH RIGGING. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. CLEAN BRUSH RIGGING. REPLACE OR MACHINE, CLEAN AND POLISH SLIP RINGS. IN PLACE CLEAN, RINSE, & DRY THE ROTOR AND STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. ALIGN THE GENERATOR. INSTALL BRUSH RIGGING. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-033- -SSTG AC GEN BRUSHES-REPL			MJC: EXECJA17		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 135	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-033)BRUSHES REQUIRE REPLACEMENT	OPEN AND INSPECT THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE AND ADJUST BRUSHES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-034- -SSTG AC GEN BEARINGS-REPL			MJC: EXECJA22		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 270	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-034)BEARINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE BEARINGS, SEALS, AND GASKETS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-035- -SSTG JOURNAL BRGS - RPR**MJC:** EXECJBA4**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31112-035)BEARINGS REQUIRE REPAIR

REPAIR SSTG TURBINE JOURNAL BEARINGS AS FOLLOWS: REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. MEASURE/RECORD OIL DEFLECTOR TO SHAFT CLEARANCES. DISASSEMBLE BEARING. CLEAN AND EXAMINE THE BEARING FOR WEAR OR DEFECTS. REBABBIT/REPAIR BEARINGS THAT ARE OUT OF TOLERANCE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THE BEARING AND REINSTALL. ENSURE OIL PASSAGE TO THE BEARING IS FREE OF DIRT OR DEBRIS. ASSEMBLE BEARING HOUSING AND ENSURE BEARING HOUSING CONCENTRICITY AND PERPENDICULARITY TO UNIT CENTERLINE. ESTABLISH NEW BEARING CONSTANT. OPERATIONALLY TEST.

Task/Abbreviation: Q-31112-036- -SSTG THRUST BRG - RPR			MJC: EXECJBA5		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-036)THRUST BEARING REQUIRES REPAIR	REPAIR SSTG TURBINE THRUST BEARING AS FOLLOWS: REMOVE BEARING COVER. DISASSEMBLE THE THRUST BEARING. INSPECT THRUST COLLAR, SHOES AND PADS. REPAIR/REPLACE PARTS FOUND UNSUITABLE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THRUST BEARING AND SHIM AS NECESSARY TO OBTAIN THRUST CLEARANCE. INSTALL BEARING COVER. OPERATIONALLY TEST.

Task/Abbreviation: Q-31112-037- -SSTG RDCN GR BRGS - REPL				MJC: EXECJBA6		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 5,625		ManDays: 100		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-037)BEARINGS REQUIRE REPLACEMENT	REPLACE SSTG REDUCTION GEAR BEARINGS. REMOVE THE REDUCTION GEAR COVER. REMOVE THE FORWARD AND AFT HIGH SPEED SHAFT AND THE LOW SPEED SHAFT BEARINGS IN ACCORDANCE WITH THE APPLICABLE TECH MANUAL. INSPECT/MEASURE BEARINGS FOR SURFACE DEFECTS AND WEAR. REPLACE BEARINGS THAT EXCEED WEAR SPECS. REINSTALL REDUCTION GEAR COVER. OPERATIONALLY TEST.

Task/Abbreviation: Q-31112-038- -RDCN GR OIL DEFLECTORS - REPL			MJC: EXECJBA7		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-038)OIL DEFLECTOR REQUIRES REPLACEMENT	REPLACE SSTG REDUCTION GEAR OIL DEFLECTORS AS FOLLOWS: REMOVE GEAR COVER. REMOVE OLD DEFLECTORS. STONE SHAFT IN WAY OF DEFLECTORS. INSTALL NEW OIL DEFLECTORS. OPERATIONALLY TEST.

Task/Abbreviation: Q-31112-039- -SSTG TURB ROTOR INDICATOR-RPR			MJC: EXECJBA8		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-039)TURBINE ROTOR POSITION INDICATOR REQUIRES REPAIR	REPAIR SSTG TURBINE ROTOR POSITION INDICATOR AS FOLLOWS: REMOVE INDICATOR FROM TURBINE. CLEAN AND INSPECT. REPLACE ANY PARTS FOUND DEFECTIVE. VERIFY PROPER ROTOR AXIAL POSITION. REINSTALL AND CALIBRATE INDICATOR.

Task/Abbreviation: Q-31112-040- -SSTG TURB LABYRINTHS - REPL				MJC: EXECJBA9		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-040)LABYRINTH REQUIRES REPLACEMENT	REPLACE SSTG TURBINE LABYRINTH SEALS AS FOLLOWS: DISASSEMBLE, CLEAN AND EXAMINE THE LABYRINTH STEAM SEAL ASSEMBLIES FOR WEAR AND DEFECTS. POLISH THE SHAFT IN WAY OF SEAL REMOVALS. REPLACE WITH NEW LABYRINTH PACKING ASSEMBLIES. REASSEMBLE AND RELAG CASING AND PIPING. OPERATIONALLY TEST.

Task/Abbreviation: Q-31112-041- -SSTG TURB OIL DEFLECTORS-REPL			MJC: EXECJBB0		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-041)OIL DEFLECTOR REQUIRES REPLACEMENT	REPLACE SSTG TURBINE OIL DEFLECTORS AS FOLLOWS: REMOVE OLD DEFLECTORS. STONE SHAFT IN WAY OF DEFLECTORS. INSTALL NEW OIL DEFLECTORS. OPERATIONALLY TEST.

Task/Abbreviation: Q-31112-042- -SSTG CASING RELIEF VLV - RPR			MJC: EXECJBB1		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,725	ManDays: 74	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-042)RELIEF VALVE REQUIRES REPAIR	REPAIR SSTG CASING RELIEF VALVE. REMOVE VALVE TO SHOP AND ACCOMPLISH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-52. ON COMPLETION OF REPAIRS, REINSTALL VALVE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-043- -SSTG ATCHD LO PMP CSG-REPL			MJC: EXECJCF5		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 90	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-043)PUMP CASING REQUIRES REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ROTARY/GEAR) OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE THE OUTER CASING. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31112-044- -SSTG ATCHD LO PMP INT-REPL			MJC: EXECJCF6		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 270	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31112-044)PUMP INTERNALS REQUIRE REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ROTARY/GEAR) OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE PUMP INTERNALS AS A MATCHED SET (INTERNAL REPLACEMENT KIT) PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF INTERNAL REPLACEMENT REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-31112-054- -SSTG TURB THRUST BRG- MRC A7ER**MJC:** EXECID35**Rev Date:** 9/2/2011**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10**ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-31112-054)THE SHIP SERVICE TURBINE GENERATOR TURBINE THRUST BEARING REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE SHIP SERVICE TURBINE GENERATOR TURBINE THRUST BEARING ASSESSMENT IN ACCORDANCE WITH MRC A7ER AS FOLLOWS: 1. MEASURE TURBINE THRUST BEARING CLEARANCE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31112-078- -SSTG VIB TST - MRC G1P1			MJC: EXECIGC8		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31112-078)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31112-079- -SSTG TURB LABYRINTH - MRC A5I0**MJC:** EXECIIX8**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31112-079)TURBINE LABYRINTH PACKING
REQUIRES ASSESSMENT.ACCOMPLISH SSTG TURBINE LABYRINTH PACKING ASSESSMENT IN
ACCORDANCE WITH MRC A5I0 AS FOLLOWS: 1. INSPECT TURBINE
LABYRINTH PACKING. REPORT CONDITIONS FOUND TO SHIP'S
CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE
SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO,
BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31112-082- -SSTG GLAND SEAL REG - MRC A4V5			MJC: EXECIIZ0		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31112-082)TURBINE GLAND SEAL REGULATOR REQUIRES ASSESSMENT.	ACCOMPLISH SSTG TURBINE GLAND SEAL REGULATOR ASSESSMENT IN ACCORDANCE WITH MRC A4V5 AS FOLLOWS: 1. INSPECT GLAND SEAL REGULATOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31113-002- -SSTG TURB BRG - RPR**MJC:** EXECQ298**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 900**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31113-002)TURBINE BEARINGS REQUIRE REPAIR

INSPECT AND REPAIR OR REPLACE THE DESIGNATED TURBINE BEARINGS OF THE SSTG SET PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT ALL BRG HOUSING & BRG FINISHED SURFACES ARE CLEAN. ACCOMPLISH AS-FOUND BEARING PINCH CHECKS. MEASURE/RECORD OIL DEFLECTOR TO SHAFT CLEARANCES, BEARING AND JOURNAL DIMENSIONS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF AUTHORIZED RPRS FROM FOLLOWING LIST, ASSEMBLE BRG HOUSINGS & ENSURE BEARING HOUSINGS CONCENTRICITY AND PERPENDICULARITY TO UNIT CENTERLINE. A. RESURFACE AND MACHINE DESIGNATED JOURNALS. B. REPLACE DESIGNATED OIL DEFLECTORS. C. GRIND OR REPLACE THRUST COLLAR. D. REPLACE DESIGNATED THRUST BRG SHOES (ACT/INACTIVE). E. GRIND DESIGNATED THRUST BRG RETAINING RINGS (A/I). F. REPL DESIGNATED THRUST BRG RETAINING RINGS (A/I). G. GRIND DESIGNATED THRUST BRG SHIMS(ACTIVE/INACTIVE). H. REPL DESIGNATED THRUST BRG SHIMS (ACTIVE/INACTIVE). I. REBABBIT DESIGNATED JOURNAL BEARINGS. J. REPLACE DESIGNATED JOURNAL BEARINGS.

Task/Abbreviation: Q-31113-003- -SSTG SPD GOV - RPR**MJC:** EXECQ299**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 360**ManDays:** 8**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31113-003)GOVERNOR REQUIRES REPAIR

ACCOMPLISH AUTHORIZED REPAIRS TO THE ELECTRO-HYDRAULIC SPEED GOVERNOR SYSTEM OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST-REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR IN-PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-004- -SSTG THROTTLE VLV - RPR**MJC:** EXECQ300**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 90**ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31113-004)TRIP/THROTTLE VALVE REQUIRES REPAIR

ACCOMPLISH REPAIRS TO THE TRIP AND THROTTLE VALVE ASSEMBLY OF THE SHIPS SERVICE TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. REMOVE INSULATION, DISASSEMBLE, INSPECT AND NDT VALVE ASSEMBLY, INCLUDING HYDRAULIC OPERATING MECHANISM. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW GASKETS, REPLACE MISSING OR UNSERVICEABLE FASTENERS AND REINSULATE VALVE ASSEMBLY. A. RESURFACE AND MACHINE VALVE STEM (INCLUDE PILOT VALVE). B. REPLACE VALVE STEM (INCLUDE PILOT VALVE). C. RESURFACE AND MACHINE MAIN VALVE. D. GRIND AND LAP VALVE SEATS (MAIN AND PILOT). E. REPLACE VALVE SEAT (MAIN). F. REPLACE VALVE STEM BUSHING(S). G. REPLACE PILOT VALVE. H. REPLACE PILOT VALVE BUSHING. I. REPLACE DUMP VALVE. J. REPAIR STEAM STRAINER. K. REPLACE STEAM STRAINER. TEST HYDRAULIC OPERATING MECHANISM AND ADJUST TRIP DEVICE LINKAGE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-005- -SSTG INL STM VLV GR - RPR**MJC:** EXECQ301**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 675**ManDays:** 15**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31113-005)CONTROL VALVE REQUIRES REPAIR

ACCOMPLISH REPAIRS TO THE INLET STEAM CONTROL VALVE GEAR ASSEMBLY (LIFTING BEAM TYPE) OF THE SHIPS SERVICE TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. REMOVE VALVE COVER OFF TURBINE CASING AND INSTALL PROTECTIVE COVER ON TURBINE CASING. DISASSEMBLE, INSPECT AND NDT VALVE GEAR COMPONENTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. A. REPAIR LIFTING BEAM. B. REPLACE LIFTING BEAM. C. REPAIR VALVE STEMS. D. REPLACE VALVE STEMS. E. REPLACE VALVE STEM BUSHINGS. F. RESURFACE AND MACHINE VALVES. G. REPLACE VALVES. H. RESURFACE AND MACHINE VALVE SEATS. I. REPLACE VALVE SEATS. ENSURE THAT VALVE COVER AND TURBINE CASING JOINTS ARE IN GOOD CONDITION. SET CRACKING POINT ON VALVES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-006- -SSTG RDCN GR - RPR**MJC:** EXECQ302**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 6,750**ManDays:** 150**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31113-006)REDUCTION GEAR REQUIRES REPAIR

DISCONNECT & RMV INTERFERENCES & RMV UPPER HALF OF RDCN GEAR CASE FOR INTERNAL EXAM. INSP GEAR TOOTH CONTACT & EXAMINE BRGS. ACCOMP BLUE CONTACT CHECK OF GEAR TEETH. HAND WIPE/CLEAN GEAR SUMP. MEAS/RECORD BRG & THRUST CLEARANCES & JOURNAL CONDITION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. UPON COMP OF RPRS, AS AUTH FROM THE FOLLOWING LIST, REASSEM UNIT USING NEW GSKTS/JTING COMPOUND. PROV RECORD OF POST RPR RUNNING CLEARANCES & ALIGNMENT DATA. INSTALL MUSLIN BAGS IN STR BSKT & OP UNIT IN UNLOADED COND MINIMUM OF ONE HOUR. CK BAGS AT 30 MINUTE INTERVALS UNTIL CLEAN. A. POLISH/STONE GEAR TEETH. B. REPLACE/REBABBIT BEARINGS. C. REMOVE GEARS TO SHOP AND MACHINE/POLISH JOURNALS. D. REMOVE, DISMANTLE AND INSPECT QUILL SHAFT ASSEMBLY. F. DISCONNECT/CLN & PICKLE EXTERNAL LUBE OIL PIPING. G. REPLACE DESIGNATED OIL DEFLECTORS.

Task/Abbreviation: Q-31113-007- -SSTG A.C. GEN - RPR			MJC: EXECQ303		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,710	ManDays: 38	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-007)GENERATOR REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE FOLLOWING DESIGNATED COMPONENTS OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. UPON COMPLETION OF REPAIRS, REINSTALL COMPONENTS REPLACING MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. CONTROLLER / CONTROL PANEL B. COUPLING C. FOUNDATION D. GENERATOR E. INSTRUMENTATION F. MOTOR G. MOUNTS, RESILIENT (REPLACEMENT).

Task/Abbreviation: Q-31113-008- -SSTG TURB - RPR**MJC:** EXECQ837**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 6,750**ManDays:** 150**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31113-008)TURBINE REQUIRES REPAIR

OPEN TURBINE CASING AND REMOVE THE ROTATING ASSEMBLY TO SHOP. CLEAN AND INSPECT ALL PARTS. REPORT CONDITIONS FOUND TO THE NSA. BLAST CLEAN TURBINE ROTOR WITH ALUMINUM OXIDE. DYE-CHECK ROTOR ASSEMBLY BLADING/SHROUDS FOR CRACKS. CLEAN AND DYE-CHECK STATIONARY BLADING NOZZLES IN PLACE. DYNAMICALLY BALANCE ROTOR ASSEMBLY. UPON COMPLETION OF REPAIRS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW CARBON PACKING, LABYRINTH SEALS, GASKETS AND JOINTING COMPOUND. MEASURE AND RECORD ALL AS-RELEASED RUNNING CLEARANCES AND ALIGNMENT DATA. SHIP'S FORCE WILL CONDUCT OPERATIONAL TEST. A. CHROME/MACHINE JOURNALS. B. REMOVE STATIONARY BLADING/NOZZLES, DRESS AND REPAIR. C. DISMANTLE THROTTLE VALVE ASSEMBLY. INSPECT AND PROVIDE REPORT. DYE CHECK/BLUE SEATS AND REPAIR AS NEEDED. D. REBABBIT/REPLACE BEARINGS. E. REPLACE OIL DEFLECTORS. F. RESET ROTOR POSITION INDICATORS. G. RE-ESTABLISH BEARING CLEARANCE CONSTANTS. J. REPAIR TURBINE CASING RELIEF VALVE.

Task/Abbreviation: Q-31113-009- -SSTG LO CLR - RPR			MJC: EXECQB39		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-009)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31113-010- -SSTG AIR CLR - RPR**MJC:** EXECQB44**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31113-010)COOLER REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31113-011- -SSTG A.C. GEN - ALIGN				MJC: EXECQB49		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 225		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-011)A.C. GENERATOR REQUIRES ALIGNMENT	ALIGN THE A.C. GENERATOR OF THE SHIP SERVICE TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND CLEARANCES AND ALIGNMENT DATA. ENSURE THE GENERATOR BEARING, FIELD ROTOR AND STATOR ARE ALL WITHIN THE SAME CENTERLINE. ALIGN FIELD ROTOR TO THE REDUCTION GEAR LOW SPEED SHAFT. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP INCLUDING FINAL ALIGNMENT READINGS. A. ACCOMPLISH REQUIRED ALIGNMENT CORRECTIONS. B. INSTALL NEW GENERATOR STATOR-TO-FOUNDATION DOWELS.

Task/Abbreviation: Q-31113-012- -SSTG SET - OIL FLUSH**MJC:** EXECQB54**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,125**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31113-012)SHIP SERVICE TURBINE GENERATOR
SET REQUIRES AN OIL FLUSHACCOMPLISH AN OIL FLUSH OF THE SHIP SERVICE TURBINE
GENERATOR SET AFTER DISCONNECTING, CLEANING AND PICKLING
THE EXTERNAL LUBE OIL PIPING, INCLUDING THE OIL SPRAY
NOZZLES. ENSURE THAT OIL SUMP IS CLEAN AND FREE FROM
FOREIGN MATTER. REASSEMBLE ALL BEARINGS, BEARING
HOUSINGS AND UPPER HALF COVERS. USE A FULL-CAPACITY OIL
PUMP FOR OIL FLUSHING AND ENSURE THAT BEARINGS ARE
BY-PASSED. FLUSH THROUGH ONE BEARING HOUSING AT A TIME
ENSURING MAXIMUM FLOW AND PRESSURE DROP AND UNTIL OIL
CONDITION PROVES TO BE FREE FROM FOREIGN MATTER. CLEAN
LUBE OIL SUMP (POST- FLUSHING). FLUSH THROUGH INSTALLED
FILTER SYSTEM UNTIL VISUAL AND DELTA PRESSURE READINGS
ARE ACCEPTABLE. ENSURE THAT NO FOREIGN MATTER IS
PRESENT WITHIN SYSTEM BEFORE LOADING UNIT.

Task/Abbreviation: Q-31113-014- -SSTG ATCHD LO PMP - RPR			MJC: EXECQ156		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-014)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-015- -SSTG AIR CLR - PLUG TB			MJC: EXECJ833		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-015)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-016- -SSTG AIR CLR - REPL BUNDLE			MJC: EXECJ838		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 13	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-016)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-017- -SSTG AIR CLR - REPL TB			MJC: EXECJ843		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-017)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-018- -SSTG AIR CLR - REPL ZINCS				MJC: EXECJ848		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31113-018)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31113-019- -SSTG AIR CLR - REROLL TB			MJC: EXECJ853		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-019)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-020- -SSTG AIR CLR - RPR TB SH			MJC: EXECJ858		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-020)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-021- -SSTG AIR CLR - RPR TB SPRTS			MJC: EXECJ863		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-021)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-022- -SSTG LO CLR - PLUG TB			MJC: EXECJ868		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-022)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-023- -SSTG LO CLR - REPL TB BUNDLE			MJC: EXECJ873		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-023)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-024- -SSTG LO CLR - REPL TB			MJC: EXECJ878		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-024)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-025- -SSTG LO CLR - REPL ZINCS				MJC: EXECJ883		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31113-025)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31113-026- -SSTG LO CLR - REROLL TB			MJC: EXECJ888		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-026)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-027- -SSTG LO CLR - RPR TB SH				MJC: EXECJ893		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 9		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-027)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-028- -SSTG LO CLR - RPR TB SPRT PLTS		MJC: EXECJ898	Rev Date: 9/2/2011		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-028)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-029- -SSTG AC GEN W/RTR RMV-CLN**MJC:** EXECJ998**Rev Date:** 9/2/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 540 **ManDays:** 3 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:** **Problem Description:** **Recommended Solution:**

BASELINE (Q-31113-029)ROTOR ASSEMBLY REQUIRES REPAIR

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE BRUSH RIGGING AND ROTATING ASSEMBLIES. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. CLEAN BRUSH RIGGING. RECONDITION EXCITER AND MAIN ROTOR IN ACCORDANCE WITH THE REQUIREMENTS OF 009-17. REPAIR END BELLS. IN PLACE CLEAN, RINSE, & DRY THE STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. INSTALL NEW BEARINGS, SEALS AND GASKETS. INSTALL ROTATING ASSEMBLIES AND BRUSH RIGGING. ALIGN THE GENERATOR. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-030- -SSTG AC GEN SLIP RINGS-REPL			MJC: EXECJA03		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 135	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-030)SLIP RINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. DISASSEMBLE. REMOVE BRUSH RIGGING. CLEAN BRUSH RIGGING. REPLACE SLIP RINGS. ALIGN THE GENERATOR. INSTALL BRUSH RIGGING. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-031- -SSTG AC GEN RTD(S)-REPL			MJC: EXECJA08		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 135	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-031)RESISTIVE TEMPERATURE DETECTOR(S) (RTD) REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-032- -SSTG AC GEN IN PLACE-CLN**MJC:** EXECJA13**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 495**ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31113-032)A.C. GENERATOR REQUIRES
CLEANING

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE BRUSH RIGGING. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. CLEAN BRUSH RIGGING. REPLACE OR MACHINE, CLEAN AND POLISH SLIP RINGS. IN PLACE CLEAN, RINSE, & DRY THE ROTOR AND STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. ALIGN THE GENERATOR. INSTALL BRUSH RIGGING. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-033- -SSTG AC GEN BRUSHES-REPL			MJC: EXECJA18		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 135	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-033)BRUSHES REQUIRE REPLACEMENT	OPEN AND INSPECT THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE AND ADJUST BRUSHES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-034- -SSTG AC GEN BEARINGS-REPL				MJC: EXECJA23		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 270		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-034)BEARINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE BEARINGS, SEALS, AND GASKETS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-035- -SSTG JOURNAL BRGS - RPR**MJC:** EXECJBB2**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31113-035)BEARINGS REQUIRE REPAIR

REPAIR SSTG TURBINE JOURNAL BEARINGS AS FOLLOWS: REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. MEASURE/RECORD OIL DEFLECTOR TO SHAFT CLEARANCES. DISASSEMBLE BEARING. CLEAN AND EXAMINE THE BEARING FOR WEAR OR DEFECTS. REBABBIT/REPAIR BEARINGS THAT ARE OUT OF TOLERANCE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THE BEARING AND REINSTALL. ENSURE OIL PASSAGE TO THE BEARING IS FREE OF DIRT OR DEBRIS. ASSEMBLE BEARING HOUSING AND ENSURE BEARING HOUSING CONCENTRICITY AND PERPENDICULARITY TO UNIT CENTERLINE. ESTABLISH NEW BEARING CONSTANT. OPERATIONALLY TEST.

Task/Abbreviation: Q-31113-036- -SSTG THRUST BRG - RPR			MJC: EXECJBB3		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-036)THRUST BEARING REQUIRES REPAIR	REPAIR SSTG TURBINE THRUST BEARING AS FOLLOWS: REMOVE BEARING COVER. DISASSEMBLE THE THRUST BEARING. INSPECT THRUST COLLAR, SHOES AND PADS. REPAIR/REPLACE PARTS FOUND UNSUITABLE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THRUST BEARING AND SHIM AS NECESSARY TO OBTAIN THRUST CLEARANCE. INSTALL BEARING COVER. OPERATIONALLY TEST.

Task/Abbreviation: Q-31113-037- -SSTG RDCN GR BRGS - REPL			MJC: EXECJBB4		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,625	ManDays: 100	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-037)BEARINGS REQUIRE REPLACEMENT	REPLACE SSTG REDUCTION GEAR BEARINGS. REMOVE THE REDUCTION GEAR COVER. REMOVE THE FORWARD AND AFT HIGH SPEED SHAFT AND THE LOW SPEED SHAFT BEARINGS IN ACCORDANCE WITH THE APPLICABLE TECH MANUAL. INSPECT/MEASURE BEARINGS FOR SURFACE DEFECTS AND WEAR. REPLACE BEARINGS THAT EXCEED WEAR SPECS. REINSTALL REDUCTION GEAR COVER. OPERATIONALLY TEST.

Task/Abbreviation: Q-31113-038- -RDCN GR OIL DEFLECTORS - REPL		MJC: EXECJBB5	Rev Date: 9/2/2011		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 5	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-038)OIL DEFLECTOR REQUIRES REPLACEMENT	REPLACE SSTG REDUCTION GEAR OIL DEFLECTORS AS FOLLOWS: REMOVE GEAR COVER. REMOVE OLD DEFLECTORS. STONE SHAFT IN WAY OF DEFLECTORS. INSTALL NEW OIL DEFLECTORS. OPERATIONALLY TEST.

Task/Abbreviation: Q-31113-039- -SSTG TURB ROTOR INDICATOR-RPR			MJC: EXECJBB6		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-039)TURBINE ROTOR POSITION INDICATOR REQUIRES REPAIR	REPAIR SSTG TURBINE ROTOR POSITION INDICATOR AS FOLLOWS: REMOVE INDICATOR FROM TURBINE. CLEAN AND INSPECT. REPLACE ANY PARTS FOUND DEFECTIVE. VERIFY PROPER ROTOR AXIAL POSITION. REINSTALL AND CALIBRATE INDICATOR.

Task/Abbreviation: Q-31113-040- -SSTG TURB LABYRINTHS - REPL				MJC: EXECJBB7		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:		Problem Description:		Recommended Solution:	
BASELINE		(Q-31113-040)LABYRINTH REQUIRES REPLACEMENT		REPLACE SSTG TURBINE LABYRINTH SEALS AS FOLLOWS: DISASSEMBLE, CLEAN AND EXAMINE THE LABYRINTH STEAM SEAL ASSEMBLIES FOR WEAR AND DEFECTS. POLISH THE SHAFT IN WAY OF SEAL REMOVALS. REPLACE WITH NEW LABYRINTH PACKING ASSEMBLIES. REASSEMBLE AND RELAG CASING AND PIPING. OPERATIONALLY TEST.	

Task/Abbreviation: Q-31113-041- -SSTG TURB OIL DEFLECTORS-REPL			MJC: EXECJBB8		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-041)OIL DEFLECTOR REQUIRES REPLACEMENT	REPLACE SSTG TURBINE OIL DEFLECTORS AS FOLLOWS: REMOVE OLD DEFLECTORS. STONE SHAFT IN WAY OF DEFLECTORS. INSTALL NEW OIL DEFLECTORS. OPERATIONALLY TEST.

Task/Abbreviation: Q-31113-042- -SSTG CASING RELIEF VLV - RPR				MJC: EXECJBB9		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 4,725		ManDays: 74		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31113-042)RELIEF VALVE REQUIRES REPAIR				REPAIR SSTG CASING RELIEF VALVE. REMOVE VALVE TO SHOP AND ACCOMPLISH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-52. ON COMPLETION OF REPAIRS, REINSTALL VALVE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31113-043- -SSTG ATCHD LO PMP CSG-REPL			MJC: EXECJCF7		Rev Date: 9/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 90	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-043)PUMP CASING REQUIRES REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ROTARY/GEAR) OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE THE OUTER CASING. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31113-044- -SSTG ATCHD LO PMP INT-REPL			MJC: EXECJCF8		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 270	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31113-044)PUMP INTERNALS REQUIRE REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ROTARY/GEAR) OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE PUMP INTERNALS AS A MATCHED SET (INTERNAL REPLACEMENT KIT) PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF INTERNAL REPLACEMENT REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-31113-054- -SSTG TURB THRUST BRG- MRC A7ER			MJC: EXECID36		Rev Date: 9/2/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31113-054)THE SHIP SERVICE TURBINE GENERATOR TURBINE THRUST BEARING REQUIRES ASSESSMENT.	AACCOMPLISH THE SHIP SERVICE TURBINE GENERATOR TURBINE THRUST BEARING ASSESSMENT IN ACCORDANCE WITH MRC A7ER AS FOLLOWS: 1. MEASURE TURBINE THRUST BEARING CLEARANCE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31113-078- -SSTG VIB TST - MRC G1P1			MJC: EXECIGC9		Rev Date: 9/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31113-078)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31113-079- -SSTG TURB LABYRINTH - MRC A5I0				MJC: EXECIIX9		Rev Date: 9/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31113-079)TURBINE LABYRINTH PACKING REQUIRES ASSESSMENT.	ACCOMPLISH SSTG TURBINE LABYRINTH PACKING ASSESSMENT IN ACCORDANCE WITH MRC A5I0 AS FOLLOWS: 1. INSPECT TURBINE LABYRINTH PACKING. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31113-082- -SSTG GLAND SEAL REG - MRC A4V5		MJC: EXECIIZ1	Rev Date: 9/2/2011		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31113-082)TURBINE GLAND SEAL REGULATOR REQUIRES ASSESSMENT.	ACCOMPLISH SSTG TURBINE GLAND SEAL REGULATOR ASSESSMENT IN ACCORDANCE WITH MRC A4V5 AS FOLLOWS: 1. INSPECT GLAND SEAL REGULATOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31114-002- -SSTG TURB BRG - RPR			MJC: EXECQ304		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-002)TURBINE BEARINGS REQUIRE REPAIR	INSPECT AND REPAIR OR REPLACE THE DESIGNATED TURBINE BEARINGS OF THE SSTG SET PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT ALL BRG HOUSING & BRG FINISHED SURFACES ARE CLEAN. ACCOMPLISH AS-FOUND BEARING PINCH CHECKS. MEASURE/RECORD OIL DEFLECTOR TO SHAFT CLEARANCES, BEARING AND JOURNAL DIMENSIONS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF AUTHORIZED RPRS FROM FOLLOWING LIST, ASSEMBLE BRG HOUSINGS & ENSURE BEARING HOUSINGS CONCENTRICITY AND PERPENDICULARITY TO UNIT CENTERLINE. A. RESURFACE AND MACHINE DESIGNATED JOURNALS. B. REPLACE DESIGNATED OIL DEFLECTORS. C. GRIND OR REPLACE THRUST COLLAR. D. REPLACE DESIGNATED THRUST BRG SHOES (ACT/INACTIVE). E. GRIND DESIGNATED THRUST BRG RETAINING RINGS (A/I). F. REPL DESIGNATED THRUST BRG RETAINING RINGS (A/I). G. GRIND DESIGNATED THRUST BRG SHIMS(ACTIVE/INACTIVE). H. REPL DESIGNATED THRUST BRG SHIMS (ACTIVE/INACTIVE). I. REBABBIT DESIGNATED JOURNAL BEARINGS. J. REPLACE DESIGNATED JOURNAL BEARINGS.

Task/Abbreviation: Q-31114-003- -SSTG SPD GOV - RPR				MJC: EXECQ305		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 8	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-003)GOVERNOR REQUIRES REPAIR	ACCOMPLISH AUTHORIZED REPAIRS TO THE ELECTRO-HYDRAULIC SPEED GOVERNOR SYSTEM OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO QUALIFIED MAINTENANCE FACITLITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST-REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR IN-PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-004- -SSTG THROTTLE VLV - RPR			MJC: EXECQ306		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 90	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-004)TRIP/THROTTLE VALVE REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE TRIP AND THROTTLE VALVE ASSEMBLY OF THE SHIPS SERVICE TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. REMOVE INSULATION, DISASSEMBLE, INSPECT AND NDT VALVE ASSEMBLY, INCLUDING HYDRAULIC OPERATING MECHANISM. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW GASKETS, REPLACE MISSING OR UNSERVICEABLE FASTENERS AND REINSULATE VALVE ASSEMBLY. A. RESURFACE AND MACHINE VALVE STEM (INCLUDE PILOT VALVE). B. REPLACE VALVE STEM (INCLUDE PILOT VALVE). C. RESURFACE AND MACHINE MAIN VALVE. D. GRIND AND LAP VALVE SEATS (MAIN AND PILOT). E. REPLACE VALVE SEAT (MAIN). F. REPLACE VALVE STEM BUSHING(S). G. REPLACE PILOT VALVE. H. REPLACE PILOT VALVE BUSHING. I. REPLACE DUMP VALVE. J. REPAIR STEAM STRAINER. K. REPLACE STEAM STRAINER. TEST HYDRAULIC OPERATING MECHANISM AND ADJUST TRIP DEVICE LINKAGE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-005- -SSTG INL STM VLV GR - RPR			MJC: EXECQ307		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-005)CONTROL VALVE REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE INLET STEAM CONTROL VALVE GEAR ASSEMBLY (LIFTING BEAM TYPE) OF THE SHIPS SERVICE TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. REMOVE VALVE COVER OFF TURBINE CASING AND INSTALL PROTECTIVE COVER ON TURBINE CASING. DISASSEMBLE, INSPECT AND NDT VALVE GEAR COMPONENTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. A. REPAIR LIFTING BEAM. B. REPLACE LIFTING BEAM. C. REPAIR VALVE STEMS. D. REPLACE VALVE STEMS. E. REPLACE VALVE STEM BUSHINGS. F. RESURFACE AND MACHINE VALVES. G. REPLACE VALVES. H. RESURFACE AND MACHINE VALVE SEATS. I. REPLACE VALVE SEATS. ENSURE THAT VALVE COVER AND TURBINE CASING JOINTS ARE IN GOOD CONDITION. SET CRACKING POINT ON VALVES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-006- -SSTG RDCN GR - RPR			MJC: EXECQ308		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 6,750	ManDays: 150	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-006)REDUCTION GEAR REQUIRES REPAIR	DISCONNECT & RMV INTERFERENCES & RMV UPPER HALF OF RDCN GEAR CASE FOR INTERNAL EXAM. INSP GEAR TOOTH CONTACT & EXAMINE BRGS. ACCOMP BLUE CONTACT CHECK OF GEAR TEETH. HAND WIPE/CLEAN GEAR SUMP. MEAS/RECORD BRG & THRUST CLEARANCES & JOURNAL CONDITION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. UPON COMP OF RPRS, AS AUTH FROM THE FOLLOWING LIST, REASSEM UNIT USING NEW GSKTS/JTING COMPOUND. PROV RECORD OF POST RPR RUNNING CLEARANCES & ALIGNMENT DATA. INSTALL MUSLIN BAGS IN STR BSKT & OP UNIT IN UNLOADED COND MINIMUM OF ONE HOUR. CK BAGS AT 30 MINUTE INTERVALS UNTIL CLEAN. A. POLISH/STONE GEAR TEETH. B. REPLACE/REBABBIT BEARINGS. C. REMOVE GEARS TO SHOP AND MACHINE/POLISH JOURNALS. D. REMOVE, DISMANTLE AND INSPECT QUILL SHAFT ASSEMBLY. F. DISCONNECT/CLN & PICKLE EXTERNAL LUBE OIL PIPING. G. REPLACE DESIGNATED OIL DEFLECTORS.

Task/Abbreviation: Q-31114-007- -SSTG A.C. GEN - RPR			MJC: EXECQ309		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,710	ManDays: 38	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-007)GENERATOR REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE FOLLOWING DESIGNATED COMPONENTS OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. UPON COMPLETION OF REPAIRS, REINSTALL COMPONENTS REPLACING MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. CONTROLLER / CONTROL PANEL B. COUPLING C. FOUNDATION D. GENERATOR E. INSTRUMENTATION F. MOTOR G. MOUNTS, RESILIENT (REPLACEMENT).

Task/Abbreviation: Q-31114-008- -SSTG TURB - RPR				MJC: EXECQ838		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 6,750	ManDays: 150	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-008)TURBINE REQUIRES REPAIR	OPEN TURBINE CASING AND REMOVE THE ROTATING ASSEMBLY TO SHOP. CLEAN AND INSPECT ALL PARTS. REPORT CONDITIONS FOUND TO THE NSA. BLAST CLEAN TURBINE ROTOR WITH ALUMINUM OXIDE. DYE-CHECK ROTOR ASSEMBLY BLADING/SHROUDS FOR CRACKS. CLEAN AND DYE-CHECK STATIONARY BLADING NOZZLES IN PLACE. DYNAMICALLY BALANCE ROTOR ASSEMBLY. UPON COMPLETION OF REPAIRS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW CARBON PACKING, LABYRINTH SEALS, GASKETS AND JOINTING COMPOUND. MEASURE AND RECORD ALL AS-RELEASED RUNNING CLEARANCES AND ALIGNMENT DATA. SHIP'S FORCE WILL CONDUCT OPERATIONAL TEST. A. CHROME/MACHINE JOURNALS. B. REMOVE STATIONARY BLADING/NOZZLES, DRESS AND REPAIR. C. DISMANTLE THROTTLE VALVE ASSEMBLY. INSPECT AND PROVIDE REPORT. DYE CHECK/BLUE SEATS AND REPAIR AS NEEDED. D. REBABBIT/REPLACE BEARINGS. E. REPLACE OIL DEFLECTORS. F. RESET ROTOR POSITION INDICATORS. G. RE-ESTABLISH BEARING CLEARANCE CONSTANTS. J. REPAIR TURBINE CASING RELIEF VALVE.

Task/Abbreviation: Q-31114-009- -SSTG LO CLR - RPR			MJC: EXECQB40		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-009)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31114-010- -SSTG AIR CLR - RPR				MJC: EXECQB45		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-010)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31114-011- -SSTG A.C. GEN - ALIGN			MJC: EXECQB50		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-011)A.C. GENERATOR REQUIRES ALIGNMENT	ALIGN THE A.C. GENERATOR OF THE SHIP SERVICE TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND CLEARANCES AND ALIGNMENT DATA. ENSURE THE GENERATOR BEARING, FIELD ROTOR AND STATOR ARE ALL WITHIN THE SAME CENTERLINE. ALIGN FIELD ROTOR TO THE REDUCTION GEAR LOW SPEED SHAFT. SUBMIT A REPORT OF CONDITIONS FOUND, INCLUDING FINAL ALIGNMENT READINGS, TO THE NAVAL SUPERVISING ACTIVITY. A. ACCOMPLISH REQUIRED ALIGNMENT CORRECTIONS. B. INSTALL NEW GENERATOR STATOR-TO-FOUNDATION DOWELS.

Task/Abbreviation: Q-31114-012- -SSTG SET - OIL FLUSH			MJC: EXECQB55		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-012)SHIP SERVICE TURBINE GENERATOR SET REQUIRES AN OIL FLUSH	ACCOMPLISH AN OIL FLUSH OF THE SHIP SERVICE TURBINE GENERATOR SET AFTER DISCONNECTING, CLEANING AND PICKLING THE EXTERNAL LUBE OIL PIPING, INCLUDING THE OIL SPRAY NOZZLES. ENSURE THAT OIL SUMP IS CLEAN AND FREE FROM FOREIGN MATTER. REASSEMBLE ALL BEARINGS, BEARING HOUSINGS AND UPPER HALF COVERS. USE A FULL-CAPACITY OIL PUMP FOR OIL FLUSHING AND ENSURE THAT BEARINGS ARE BY-PASSED. FLUSH THROUGH ONE BEARING HOUSING AT A TIME ENSURING MAXIMUM FLOW AND PRESSURE DROP AND UNTIL OIL CONDITION PROVES TO BE FREE FROM FOREIGN MATTER. CLEAN LUBE OIL SUMP (POST- FLUSHING). FLUSH THROUGH INSTALLED FILTER SYSTEM UNTIL VISUAL AND DELTA PRESSURE READINGS ARE ACCEPTABLE. ENSURE THAT NO FOREIGN MATTER IS PRESENT WITHIN SYSTEM BEFORE LOADING UNIT.

Task/Abbreviation: Q-31114-014- -SSTG ATCHD LO PMP - RPR			MJC: EXECQ157		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-014)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-015- -SSTG AIR CLR - PLUG TB				MJC: EXECJ834		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 7		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-015)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-016- -SSTG AIR CLR - REPL BUNDLE				MJC: EXECJ839		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 13		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-016)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-017- -SSTG AIR CLR - REPL TB			MJC: EXECJ844		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-017)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-018- -SSTG AIR CLR - REPL ZINCS				MJC: EXECJ849		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31114-018)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31114-019- -SSTG AIR CLR - REROLL TB			MJC: EXECJ854		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-019)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-020- -SSTG AIR CLR - RPR TB SH			MJC: EXECJ859		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-020)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-021- -SSTG AIR CLR - RPR TB SPRTS			MJC: EXECJ864		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-021)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-022- -SSTG LO CLR - PLUG TB			MJC: EXECJ869		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-022)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-023- -SSTG LO CLR - REPL TB BUNDLE		MJC: EXECJ874	Rev Date: 7/13/2004		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-023)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-024- -SSTG LO CLR - REPL TB			MJC: EXECJ879		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-024)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-025- -SSTG LO CLR - REPL ZINCS				MJC: EXECJ884		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31114-025)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31114-026- -SSTG LO CLR - REROLL TB			MJC: EXECJ889		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-026)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-027- -SSTG LO CLR - RPR TB SH			MJC: EXECJ894		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-027)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-028- -SSTG LO CLR - RPR TB SPRT PLTS				MJC: EXECJ899		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 9		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:		Problem Description:		Recommended Solution:	
BASELINE		(Q-31114-028)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR		REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.	

Task/Abbreviation: Q-31114-029- -SSTG AC GEN W/RTR RMV-CLN			MJC: EXECJ999		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 540	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-029)ROTOR ASSEMBLY REQUIRES REPAIR	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE BRUSH RIGGING AND ROTATING ASSEMBLIES. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. CLEAN BRUSH RIGGING. RECONDITION EXCITER AND MAIN ROTOR IN ACCORDANCE WITH THE REQUIREMENTS OF 009-17. REPAIR END BELLS. IN PLACE CLEAN, RINSE, & DRY THE STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. INSTALL NEW BEARINGS, SEALS AND GASKETS. INSTALL ROTATING ASSEMBLIES AND BRUSH RIGGING. ALIGN THE GENERATOR. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-030- -SSTG AC GEN SLIP RINGS-REPL			MJC: EXECJA04		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 135	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-030)SLIP RINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. DISASSEMBLE. REMOVE BRUSH RIGGING. CLEAN BRUSH RIGGING. REPLACE SLIP RINGS. ALIGN THE GENERATOR. INSTALL BRUSH RIGGING. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-031- -SSTG AC GEN RTD(S)-REPL		MJC: EXECJA09		Rev Date:	
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 135	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-031)RESISTIVE TEMPERATURE DETECTOR(S) (RTD) REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-032- -SSTG AC GEN IN PLACE-CLN				MJC: EXECJA14		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 495		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-032)A.C. GENERATOR REQUIRES CLEANING	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE BRUSH RIGGING. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. CLEAN BRUSH RIGGING. REPLACE OR MACHINE, CLEAN AND POLISH SLIP RINGS. IN PLACE CLEAN, RINSE, & DRY THE ROTOR AND STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. ALIGN THE GENERATOR. INSTALL BRUSH RIGGING. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-033- -SSTG AC GEN BRUSHES-REPL			MJC: EXECJA19		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 135	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-033)BRUSHES REQUIRE REPLACEMENT	OPEN AND INSPECT THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE AND ADJUST BRUSHES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-034- -SSTG AC GEN BEARINGS-REPL		MJC: EXECJA24		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 270	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-034)BEARINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE BEARINGS, SEALS, AND GASKETS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-035- -SSTG JOURNAL BRGS - RPR				MJC: EXECJBC0		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-035)BEARINGS REQUIRE REPAIR	REPAIR SSTG TURBINE JOURNAL BEARINGS AS FOLLOWS: REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. MEASURE/RECORD OIL DEFLECTOR TO SHAFT CLEARANCES. DISASSEMBLE BEARING. CLEAN AND EXAMINE THE BEARING FOR WEAR OR DEFECTS. REBABBIT/REPAIR BEARINGS THAT ARE OUT OF TOLERANCE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THE BEARING AND REINSTALL. ENSURE OIL PASSAGE TO THE BEARING IS FREE OF DIRT OR DEBRIS. ASSEMBLE BEARING HOUSING AND ENSURE BEARING HOUSING CONCENTRICITY AND PERPENDICULARITY TO UNIT CENTERLINE. ESTABLISH NEW BEARING CONSTANT. OPERATIONALLY TEST.

Task/Abbreviation: Q-31114-036- -SSTG THRUST BRG - RPR			MJC: EXECJBC1		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-036)THRUST BEARING REQUIRES REPAIR	REPAIR SSTG TURBINE THRUST BEARING AS FOLLOWS: REMOVE BEARING COVER. DISASSEMBLE THE THRUST BEARING. INSPECT THRUST COLLAR, SHOES AND PADS. REPAIR/REPLACE PARTS FOUND UNSUITABLE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THRUST BEARING AND SHIM AS NECESSARY TO OBTAIN THRUST CLEARANCE. INSTALL BEARING COVER. OPERATIONALLY TEST.

Task/Abbreviation: Q-31114-037- -SSTG RDCN GR BRGS - REPL				MJC: EXECJBC2		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 5,625		ManDays: 100		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-037)BEARINGS REQUIRE REPLACEMENT	REPLACE SSTG REDUCTION GEAR BEARINGS. REMOVE THE REDUCTION GEAR COVER. REMOVE THE FORWARD AND AFT HIGH SPEED SHAFT AND THE LOW SPEED SHAFT BEARINGS IN ACCORDANCE WITH THE APPLICABLE TECH MANUAL. INSPECT/MEASURE BEARINGS FOR SURFACE DEFECTS AND WEAR. REPLACE BEARINGS THAT EXCEED WEAR SPECS. REINSTALL REDUCTION GEAR COVER. OPERATIONALLY TEST.

Task/Abbreviation: Q-31114-038- -RDCN GR OIL DEFLECTORS - REPL			MJC: EXECJBC3		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-038)OIL DEFLECTOR REQUIRES REPLACEMENT	REPLACE SSTG REDUCTION GEAR OIL DEFLECTORS AS FOLLOWS: REMOVE GEAR COVER. REMOVE OLD DEFLECTORS. STONE SHAFT IN WAY OF DEFLECTORS. INSTALL NEW OIL DEFLECTORS. OPERATIONALLY TEST.

Task/Abbreviation: Q-31114-039- -SSTG TURB ROTOR INDICATOR-RPR				MJC: EXECJBC4		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-039)TURBINE ROTOR POSITION INDICATOR REQUIRES REPAIR	REPAIR SSTG TURBINE ROTOR POSITION INDICATOR AS FOLLOWS: REMOVE INDICATOR FROM TURBINE. CLEAN AND INSPECT. REPLACE ANY PARTS FOUND DEFECTIVE. VERIFY PROPER ROTOR AXIAL POSITION. REINSTALL AND CALIBRATE INDICATOR.

Task/Abbreviation: Q-31114-040- -SSTG TURB LABYRINTHS - REPL				MJC: EXECJBC5		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:		Problem Description:		Recommended Solution:	
BASELINE		(Q-31114-040)LABYRINTH REQUIRES REPLACEMENT		REPLACE SSTG TURBINE LABYRINTH SEALS AS FOLLOWS: DISASSEMBLE, CLEAN AND EXAMINE THE LABYRINTH STEAM SEAL ASSEMBLIES FOR WEAR AND DEFECTS. POLISH THE SHAFT IN WAY OF SEAL REMOVALS. REPLACE WITH NEW LABYRINTH PACKING ASSEMBLIES. REASSEMBLE AND RELAG CASING AND PIPING. OPERATIONALLY TEST.	

Task/Abbreviation: Q-31114-041- -SSTG TURB OIL DEFLECTORS-REPL				MJC: EXECJBC6		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-041)OIL DEFLECTOR REQUIRES REPLACEMENT	REPLACE SSTG TURBINE OIL DEFLECTORS AS FOLLOWS: REMOVE OLD DEFLECTORS. STONE SHAFT IN WAY OF DEFLECTORS. INSTALL NEW OIL DEFLECTORS. OPERATIONALLY TEST.

Task/Abbreviation: Q-31114-042- -SSTG CASING RELIEF VLV - RPR		MJC: EXECJBC7	Rev Date:		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,725	ManDays: 74	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-042)RELIEF VALVE REQUIRES REPAIR	REPAIR SSTG CASING RELIEF VALVE. REMOVE VALVE TO SHOP AND ACCOMPLISH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-52. ON COMPLETION OF REPAIRS, REINSTALL VALVE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31114-043- -SSTG ATCHD LO PMP CSG-REPL				MJC: EXECJCF9		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 90		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:		Problem Description:		Recommended Solution:	
BASELINE		(Q-31114-043)PUMP CASING REQUIRES REPLACEMENT		OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ROTARY/GEAR) OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE THE OUTER CASING. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.	

Task/Abbreviation: Q-31114-044- -SSTG ATCHD LO PMP INT-REPL				MJC: EXECJCG0		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 270		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31114-044)PUMP INTERNALS REQUIRE REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ROTARY/GEAR) OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE PUMP INTERNALS AS A MATCHED SET (INTERNAL REPLACEMENT KIT) PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF INTERNAL REPLACEMENT REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-31114-054- -SSTG TURB THRUST BRG- MRC A7ER			MJC: EXECID37		Rev Date: 7/24/2007
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31114-054)THE SHIP SERVICE TURBINE GENERATOR TURBINE THRUST BEARING REQUIRES ASSESSMENT.	ACCOMPLISH THE SHIP SERVICE TURBINE GENERATOR TURBINE THRUST BEARING ASSESSMENT IN ACCORDANCE WITH MRC A7ER AS FOLLOWS: 1. MEASURE TURBINE THRUST BEARING CLEARANCE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31114-077- -SSTG VIB TST - MRC G1P1				MJC: EXECIGD0		Rev Date: 2/29/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31114-077)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31114-078- -SSTG TURB LABYRINTH - MRC A5I0				MJC: EXECIYY0		Rev Date: 2/19/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31114-078)TURBINE LABYRINTH PACKING REQUIRES ASSESSMENT.	ACCOMPLISH SSTG TURBINE LABYRINTH PACKING ASSESSMENT IN ACCORDANCE WITH MRC A5I0 AS FOLLOWS: 1. INSPECT TURBINE LABYRINTH PACKING. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31114-080- -SSTG GLAND SEAL REG - MRC A4V5			MJC: EXECIIZ2		Rev Date: 2/23/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31114-080)TURBINE GLAND SEAL REGULATOR REQUIRES ASSESSMENT.	ACCOMPLISH SSTG TURBINE GLAND SEAL REGULATOR ASSESSMENT IN ACCORDANCE WITH MRC A4V5 AS FOLLOWS: 1. INSPECT GLAND SEAL REGULATOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31115-002- -SSTG TURB BRG - RPR			MJC: EXECQ839		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-002)TURBINE BEARINGS REQUIRE REPAIR	INSPECT AND REPAIR OR REPLACE THE DESIGNATED TURBINE BEARINGS OF THE SSTG SET PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT ALL BRG HOUSING & BRG FINISHED SURFACES ARE CLEAN. ACCOMPLISH AS-FOUND BEARING PINCH CHECKS. MEASURE/RECORD OIL DEFLECTOR TO SHAFT CLEARANCES, BEARING AND JOURNAL DIMENSIONS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF AUTHORIZED RPRS FROM FOLLOWING LIST, ASSEMBLE BRG HOUSINGS & ENSURE BEARING HOUSINGS CONCENTRICITY AND PERPENDICULARITY TO UNIT CENTERLINE. A. RESURFACE AND MACHINE DESIGNATED JOURNALS. B. REPLACE DESIGNATED OIL DEFLECTORS. C. GRIND OR REPLACE THRUST COLLAR. D. REPLACE DESIGNATED THRUST BRG SHOES (ACT/INACTIVE). E. GRIND DESIGNATED THRUST BRG RETAINING RINGS (A/I). F. REPL DESIGNATED THRUST BRG RETAINING RINGS (A/I). G. GRIND DESIGNATED THRUST BRG SHIMS(ACTIVE/INACTIVE). H. REPL DESIGNATED THRUST BRG SHIMS (ACTIVE/INACTIVE). I. REBABBIT DESIGNATED JOURNAL BEARINGS. J. REPLACE DESIGNATED JOURNAL BEARINGS.

Task/Abbreviation: Q-31115-003- -SSTG SPD GOV - RPR			MJC: EXECQ840		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-003)GOVERNOR REQUIRES REPAIR	ACCOMPLISH AUTHORIZED REPAIRS TO THE ELECTRO-HYDRAULIC SPEED GOVERNOR SYSTEM OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO QUALIFIED MAINTENANCE FACITLITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST-REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR IN-PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-004- -SSTG THROTTLE VLV - RPR			MJC: EXECQ841		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 90	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-004)TRIP/THROTTLE VALVE REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE TRIP AND THROTTLE VALVE ASSEMBLY OF THE SHIPS SERVICE TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. REMOVE INSULATION, DISASSEMBLE, INSPECT AND NDT VALVE ASSEMBLY, INCLUDING HYDRAULIC OPERATING MECHANISM. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS USING NEW GASKETS, REPLACE MISSING OR UNSERVICEABLE FASTENERS AND REINSULATE VALVE ASSEMBLY. A. RESURFACE AND MACHINE VALVE STEM (INCLUDE PILOT VALVE). B. REPLACE VALVE STEM (INCLUDE PILOT VALVE). C. RESURFACE AND MACHINE MAIN VALVE. D. GRIND AND LAP VALVE SEATS (MAIN AND PILOT). E. REPLACE VALVE SEAT (MAIN). F. REPLACE VALVE STEM BUSHING(S). G. REPLACE PILOT VALVE. H. REPLACE PILOT VALVE BUSHING. I. REPLACE DUMP VALVE. J. REPAIR STEAM STRAINER. K. REPLACE STEAM STRAINER. TEST HYDRAULIC OPERATING MECHANISM AND ADJUST TRIP DEVICE LINKAGE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-005- -SSTG INL STM VLV GR - RPR			MJC: EXECQ842		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-005)CONTROL VALVE REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE INLET STEAM CONTROL VALVE GEAR ASSEMBLY (LIFTING BEAM TYPE) OF THE SHIPS SERVICE TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. REMOVE VALVE COVER OFF TURBINE CASING AND INSTALL PROTECTIVE COVER ON TURBINE CASING. DISASSEMBLE, INSPECT AND NDT VALVE GEAR COMPONENTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. A. REPAIR LIFTING BEAM. B. REPLACE LIFTING BEAM. C. REPAIR VALVE STEMS. D. REPLACE VALVE STEMS. E. REPLACE VALVE STEM BUSHINGS. F. RESURFACE AND MACHINE VALVES. G. REPLACE VALVES. H. RESURFACE AND MACHINE VALVE SEATS. I. REPLACE VALVE SEATS. ENSURE THAT VALVE COVER AND TURBINE CASING JOINTS ARE IN GOOD CONDITION. SET CRACKING POINT ON VALVES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-006- -SSTG RDCN GR - RPR**MJC:** EXECQ843**Rev Date:****RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 6,750**ManDays:** 150**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31115-006)REDUCTION GEAR REQUIRES REPAIR

DISCONNECT & RMV INTERFERENCES & RMV UPPER HALF OF RDCN GEAR CASE FOR INTERNAL EXAM. INSP GEAR TOOTH CONTACT & EXAMINE BRGS. ACCOMP BLUE CONTACT CHECK OF GEAR TEETH. HAND WIPE/CLEAN GEAR SUMP. MEAS/RECORD BRG & THRUST CLEARANCES & JOURNAL CONDITION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. UPON COMP OF RPRS, AS AUTH FROM THE FOLLOWING LIST, REASSEM UNIT USING NEW GSKTS/JTING COMPOUND. PROV RECORD OF POST RPR RUNNING CLEARANCES & ALIGNMENT DATA. INSTALL MUSLIN BAGS IN STR BSKT & OP UNIT IN UNLOADED COND MINIMUM OF ONE HOUR. CK BAGS AT 30 MINUTE INTERVALS UNTIL CLEAN. A. POLISH/STONE GEAR TEETH. B. REPLACE/REBABBIT BEARINGS. C. REMOVE GEARS TO SHOP AND MACHINE/POLISH JOURNALS. D. REMOVE, DISMANTLE AND INSPECT QUILL SHAFT ASSEMBLY. F. DISCONNECT/CLN & PICKLE EXTERNAL LUBE OIL PIPING. G. REPLACE DESIGNATED OIL DEFLECTORS.

Task/Abbreviation: Q-31115-007- -SSTG A.C. GEN - RPR				MJC: EXECQ844		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,710		ManDays: 38		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-007)GENERATOR REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE FOLLOWING DESIGNATED COMPONENTS OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. UPON COMPLETION OF REPAIRS, REINSTALL COMPONENTS REPLACING MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. CONTROLLER / CONTROL PANEL B. COUPLING C. FOUNDATION D. GENERATOR E. INSTRUMENTATION F. MOTOR G. MOUNTS, RESILIENT (REPLACEMENT).

Task/Abbreviation: Q-31115-008- -SSTG TURB - RPR			MJC: EXECQ982		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 6,750	ManDays: 150	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-008)TURBINE REQUIRES REPAIR	OPEN TURBINE CASING AND REMOVE THE ROTATING ASSEMBLY TO SHOP. CLEAN AND INSPECT ALL PARTS. REPORT CONDITIONS FOUND TO THE NSA. BLAST CLEAN TURBINE ROTOR WITH ALUMINUM OXIDE. DYE-CHECK ROTOR ASSEMBLY BLADING/SHROUDS FOR CRACKS. CLEAN AND DYE-CHECK STATIONARY BLADING NOZZLES IN PLACE. DYNAMICALLY BALANCE ROTOR ASSEMBLY. UPON COMPLETION OF REPAIRS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW CARBON PACKING, LABYRINTH SEALS, GASKETS AND JOINTING COMPOUND. MEASURE AND RECORD ALL AS-RELEASED RUNNING CLEARANCES AND ALIGNMENT DATA. SHIP'S FORCE WILL CONDUCT OPERATIONAL TEST. A. CHROME/MACHINE JOURNALS. B. REMOVE STATIONARY BLADING/NOZZLES, DRESS AND REPAIR. C. DISMANTLE THROTTLE VALVE ASSEMBLY. INSPECT AND PROVIDE REPORT. DYE CHECK/BLUE SEATS AND REPAIR AS NEEDED. D. REBABBIT/REPLACE BEARINGS. E. REPLACE OIL DEFLECTORS. F. RESET ROTOR POSITION INDICATORS. G. RE-ESTABLISH BEARING CLEARANCE CONSTANTS. J. REPAIR TURBINE CASING RELIEF VALVE.

Task/Abbreviation: Q-31115-009- -SSTG LO CLR - RPR				MJC: EXECQB41		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-009)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31115-010- -SSTG AIR CLR - RPR				MJC: EXECQB46		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-010)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31115-011- -SSTG A.C. GEN - ALIGN**MJC:** EXECQB51**Rev Date:** 3/22/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 225**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31115-011)A.C. GENERATOR REQUIRES
ALIGNMENTALIGN THE A.C. GENERATOR OF THE SHIP SERVICE TURBINE
GENERATOR SET PER CONDITION ASSESSMENT
RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND
CLEARANCES AND ALIGNMENT DATA. ENSURE THE GENERATOR
BEARING, FIELD ROTOR AND STATOR ARE ALL WITHIN THE SAME
CENTERLINE. ALIGN FIELD ROTOR TO THE REDUCTION GEAR LOW
SPEED SHAFT. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP
INCLUDING FINAL ALIGNMENT READINGS. A. ACCOMPLISH
REQUIRED ALIGNMENT CORRECTIONS. B. INSTALL NEW
GENERATOR STATOR-TO-FOUNDATION DOWELS.

Task/Abbreviation: Q-31115-012- -SSTG SET - OIL FLUSH			MJC: EXECQB56		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-012)SHIP SERVICE TURBINE GENERATOR SET REQUIRES AN OIL FLUSH	ACCOMPLISH AN OIL FLUSH OF THE SHIP SERVICE TURBINE GENERATOR SET AFTER DISCONNECTING, CLEANING AND PICKLING THE EXTERNAL LUBE OIL PIPING, INCLUDING THE OIL SPRAY NOZZLES. ENSURE THAT OIL SUMP IS CLEAN AND FREE FROM FOREIGN MATTER. REASSEMBLE ALL BEARINGS, BEARING HOUSINGS AND UPPER HALF COVERS. USE A FULL-CAPACITY OIL PUMP FOR OIL FLUSHING AND ENSURE THAT BEARINGS ARE BY-PASSED. FLUSH THROUGH ONE BEARING HOUSING AT A TIME ENSURING MAXIMUM FLOW AND PRESSURE DROP AND UNTIL OIL CONDITION PROVES TO BE FREE FROM FOREIGN MATTER. CLEAN LUBE OIL SUMP (POST- FLUSHING). FLUSH THROUGH INSTALLED FILTER SYSTEM UNTIL VISUAL AND DELTA PRESSURE READINGS ARE ACCEPTABLE. ENSURE THAT NO FOREIGN MATTER IS PRESENT WITHIN SYSTEM BEFORE LOADING UNIT.

Task/Abbreviation: Q-31115-014- -SSTG ATCHD LO PMP - RPR			MJC: EXECQ158		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-014)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-015- -SSTG AIR CLR - PLUG TB			MJC: EXECJ835		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-015)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-016- -SSTG AIR CLR - REPL BUNDLE			MJC: EXECJ840		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 13	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-016)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-017- -SSTG AIR CLR - REPL TB			MJC: EXECJ845		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-017)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-018- -SSTG AIR CLR - REPL ZINCS				MJC: EXECJ850		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31115-018)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31115-019- -SSTG AIR CLR - REROLL TB			MJC: EXECJ855		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-019)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-020- -SSTG AIR CLR - RPR TB SH			MJC: EXECJ860		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-020)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-021- -SSTG AIR CLR - RPR TB SPRTS			MJC: EXECJ865		Rev Date: 7/13/2004
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-021)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-022- -SSTG LO CLR - PLUG TB			MJC: EXECJ870		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-022)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-023- -SSTG LO CLR - REPL TB BUNDLE			MJC: EXECJ875		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-023)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-024- -SSTG LO CLR - REPL TB			MJC: EXECJ880		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-024)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-025- -SSTG LO CLR - REPL ZINCS			MJC: EXECJ885		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 6	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-025)ZINCS REQUIRE REPLACEMENT	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-026- -SSTG LO CLR - REROLL TB			MJC: EXECJ890		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-026)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-027- -SSTG LO CLR - RPR TB SH			MJC: EXECJ895		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-027)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-028- -SSTG LO CLR - RPR TB SPRT PLTS				MJC: EXECJ900		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 9		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-028)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-029- -SSTG AC GEN W/RTR RMV-CLN			MJC: EXECJA00		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 540	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-029)ROTOR ASSEMBLY REQUIRES REPAIR	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE BRUSH RIGGING AND ROTATING ASSEMBLIES. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. CLEAN BRUSH RIGGING. RECONDITION EXCITER AND MAIN ROTOR IN ACCORDANCE WITH THE REQUIREMENTS OF 009-17. REPAIR END BELLS. IN PLACE CLEAN, RINSE, & DRY THE STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. INSTALL NEW BEARINGS, SEALS AND GASKETS. INSTALL ROTATING ASSEMBLIES AND BRUSH RIGGING. ALIGN THE GENERATOR. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-030- -SSTG AC GEN SLIP RINGS-REPL			MJC: EXECJA05		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 135	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-030)SLIP RINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. DISASSEMBLE. REMOVE BRUSH RIGGING. CLEAN BRUSH RIGGING. REPLACE SLIP RINGS. ALIGN THE GENERATOR. INSTALL BRUSH RIGGING. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-031- -SSTG AC GEN RTD(S)-REPL			MJC: EXECJA10		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 135	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-031)RESISTIVE TEMPERATURE DETECTOR(S) (RTD) REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-032- -SSTG AC GEN IN PLACE-CLN				MJC: EXECJA15		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 495		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-032)A.C. GENERATOR REQUIRES CLEANING	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE BRUSH RIGGING. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. CLEAN BRUSH RIGGING. REPLACE OR MACHINE, CLEAN AND POLISH SLIP RINGS. IN PLACE CLEAN, RINSE, & DRY THE ROTOR AND STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. ALIGN THE GENERATOR. INSTALL BRUSH RIGGING. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-033- -SSTG AC GEN BRUSHES-REPL		MJC: EXECJA20		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 135	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-033)BRUSHES REQUIRE REPLACEMENT	OPEN AND INSPECT THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE AND ADJUST BRUSHES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-034- -SSTG AC GEN BEARINGS-REPL			MJC: EXECJA25		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 270	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-034)BEARINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE BEARINGS, SEALS, AND GASKETS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-035- -SSTG JOURNAL BRGS - RPR				MJC: EXECJBC8		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-035)BEARINGS REQUIRE REPAIR	REPAIR SSTG TURBINE JOURNAL BEARINGS AS FOLLOWS: REMOVE UPPER BEARING HOUSING COVER. ENSURE THAT BEARING HOUSING AND BEARING FINISHED SURFACES ARE CLEAN. MEASURE/RECORD OIL DEFLECTOR TO SHAFT CLEARANCES. DISASSEMBLE BEARING. CLEAN AND EXAMINE THE BEARING FOR WEAR OR DEFECTS. REBABBIT/REPAIR BEARINGS THAT ARE OUT OF TOLERANCE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THE BEARING AND REINSTALL. ENSURE OIL PASSAGE TO THE BEARING IS FREE OF DIRT OR DEBRIS. ASSEMBLE BEARING HOUSING AND ENSURE BEARING HOUSING CONCENTRICITY AND PERPENDICULARITY TO UNIT CENTERLINE. ESTABLISH NEW BEARING CONSTANT. OPERATIONALLY TEST.

Task/Abbreviation: Q-31115-036- -SSTG THRUST BRG - RPR			MJC: EXECJBC9		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-036)THRUST BEARING REQUIRES REPAIR	REPAIR SSTG TURBINE THRUST BEARING AS FOLLOWS: REMOVE BEARING COVER. DISASSEMBLE THE THRUST BEARING. INSPECT THRUST COLLAR, SHOES AND PADS. REPAIR/REPLACE PARTS FOUND UNSUITABLE IN ACCORDANCE WITH APPLICABLE TECH MANUAL. REASSEMBLE THRUST BEARING AND SHIM AS NECESSARY TO OBTAIN THRUST CLEARANCE. INSTALL BEARING COVER. OPERATIONALLY TEST.

Task/Abbreviation: Q-31115-037- -SSTG RDCN GR BRGS - REPL			MJC: EXECJBD0		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,625	ManDays: 100	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-037)BEARINGS REQUIRE REPLACEMENT	REPLACE SSTG REDUCTION GEAR BEARINGS. REMOVE THE REDUCTION GEAR COVER. REMOVE THE FORWARD AND AFT HIGH SPEED SHAFT AND THE LOW SPEED SHAFT BEARINGS IN ACCORDANCE WITH THE APPLICABLE TECH MANUAL. INSPECT/MEASURE BEARINGS FOR SURFACE DEFECTS AND WEAR. REPLACE BEARINGS THAT EXCEED WEAR SPECS. REINSTALL REDUCTION GEAR COVER. OPERATIONALLY TEST.

Task/Abbreviation: Q-31115-038- -RDCN GR OIL DEFLECTORS - REPL		MJC: EXECJBD1		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-038)OIL DEFLECTOR REQUIRES REPLACEMENT	REPLACE SSTG REDUCTION GEAR OIL DEFLECTORS AS FOLLOWS: REMOVE GEAR COVER. REMOVE OLD DEFLECTORS. STONE SHAFT IN WAY OF DEFLECTORS. INSTALL NEW OIL DEFLECTORS. OPERATIONALLY TEST.

Task/Abbreviation: Q-31115-039- -SSTG TURB ROTOR INDICATOR-RPR			MJC: EXECJBD2		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-039)TURBINE ROTOR POSITION INDICATOR REQUIRES REPAIR	REPAIR SSTG TURBINE ROTOR POSITION INDICATOR AS FOLLOWS: REMOVE INDICATOR FROM TURBINE. CLEAN AND INSPECT. REPLACE ANY PARTS FOUND DEFECTIVE. VERIFY PROPER ROTOR AXIAL POSITION. REINSTALL AND CALIBRATE INDICATOR.

Task/Abbreviation: Q-31115-040- -SSTG TURB LABYRINTHS - REPL				MJC: EXECJBD3		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-040)LABYRINTH REQUIRES REPLACEMENT	REPLACE SSTG TURBINE LABYRINTH SEALS AS FOLLOWS: DISASSEMBLE, CLEAN AND EXAMINE THE LABYRINTH STEAM SEAL ASSEMBLIES FOR WEAR AND DEFECTS. POLISH THE SHAFT IN WAY OF SEAL REMOVALS. REPLACE WITH NEW LABYRINTH PACKING ASSEMBLIES. REASSEMBLE AND RELAG CASING AND PIPING. OPERATIONALLY TEST.

Task/Abbreviation: Q-31115-041- -SSTG TURB OIL DEFLECTORS-REPL				MJC: EXECJBD4		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-041)OIL DEFLECTOR REQUIRES REPLACEMENT	REPLACE SSTG TURBINE OIL DEFLECTORS AS FOLLOWS: REMOVE OLD DEFLECTORS. STONE SHAFT IN WAY OF DEFLECTORS. INSTALL NEW OIL DEFLECTORS. OPERATIONALLY TEST.

Task/Abbreviation: Q-31115-042- -SSTG CASING RELIEF VLV - RPR				MJC: EXECJBD5		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 4,725		ManDays: 74		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-042)RELIEF VALVE REQUIRES REPAIR	REPAIR SSTG CASING RELIEF VALVE. REMOVE VALVE TO SHOP AND ACCOMPLISH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-52. ON COMPLETION OF REPAIRS, REINSTALL VALVE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-043- -SSTG ATCHD LO PMP CSG-REPL				MJC: EXECJCG1		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 90	ManDays: 1	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-043)PUMP CASING REQUIRES REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ROTARY/GEAR) OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE THE OUTER CASING. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31115-044- -SSTG ATCHD LO PMP INT-REPL				MJC: EXECJCG2		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 270		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31115-044)PUMP INTERNALS REQUIRE REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ROTARY/GEAR) OF THE SHIP SERVICE STEAM TURBINE GENERATOR SET. REPLACE PUMP INTERNALS AS A MATCHED SET (INTERNAL REPLACEMENT KIT) PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF INTERNAL REPLACEMENT REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-31115-048- -SSTG TURB THRUST BRG- MRC A7ER			MJC: EXECID38		Rev Date: 1/26/2007
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31115-048)THE SHIP SERVICE TURBINE GENERATOR TURBINE THRUST BEARING REQUIRES ASSESSMENT.	ACCOMPLISH THE SHIP SERVICE TURBINE GENERATOR TURBINE THRUST BEARING ASSESSMENT IN ACCORDANCE WITH MRC A7ER AS FOLLOWS: 1. MEASURE TURBINE THRUST BEARING CLEARANCE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31115-066- -SSTG VIB TST - MRC G1P1			MJC: EXECIGD1		Rev Date: 2/29/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31115-066)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31115-067- -SSTG TURB LABYRINTH - MRC A5I0			MJC: EXECIY1		Rev Date: 2/19/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31115-067)TURBINE LABYRINTH PACKING REQUIRES ASSESSMENT.	ACCOMPLISH SSTG TURBINE LABYRINTH PACKING ASSESSMENT IN ACCORDANCE WITH MRC A5I0 AS FOLLOWS: 1. INSPECT TURBINE LABYRINTH PACKING. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31115-068- -SSTG GLAND SEAL REG - MRC A4V5			MJC: EXECIIZ3		Rev Date: 2/23/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31115-068)TURBINE GLAND SEAL REGULATOR REQUIRES ASSESSMENT.	ACCOMPLISH SSTG TURBINE GLAND SEAL REGULATOR ASSESSMENT IN ACCORDANCE WITH MRC A4V5 AS FOLLOWS: 1. INSPECT GLAND SEAL REGULATOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31121-001- -SSDG AC GEN - INSP/ TST				MJC: EXECI112		Rev Date: 7/20/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31121-001)THE SHIP SERVICE DIESEL GENERATOR SET REQUIRES INSPECTION	ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE NUMBER ONE SHIP SERVICE DIESEL GENERATOR. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. GOVERNOR SYSTEM, OVERSPEED C. GOVERNOR SYSTEM, SPEED D. LOAD TESTS (SINGLE/PARALLEL MODES), OPERATIONAL E. REGULATION SYSTEM, VOLTAGE F. SYNCHRONIZING DEVICE SYSTEM. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31121-002- -SSDG DSL ENG - INSP/OP TST**MJC:** EXECICW0**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 18**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 4.3 GC:28HAAC,MA:1363

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-31121-002) JOINT FLEET MAINTENANCE MANUAL
INST 4790.3 REQUIREMENT DUE.

ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE SHIPS SERVICE DIESEL GENERATOR ENGINE IN ACCORDANCE WITH OPNAVINST 9220.3, COMFLTFORCOMINST 4790.3 JOINT FLEET MAINTENANCE MANUAL AND S9233-CJ-HBK-010 U.S. NAVY DIESEL ENGINE INSPECTOR HANDBOOK. SHIPS FORCE TO PROVIDE A MINIMUM OF TWO PERSONNEL TO ASSIST ACCOMPLISHMENT OF INSPECTION. SHIPS FORCE ENGINEER TO BE INFORMED OF DATE OF INSPECTION IN ORDER TO SCHEDULE ALL DIESEL INSPECTION RELATED MAINTENANCE REQUIREMENTS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31121-003- -SSDG DSL ENG - RPR			MJC: EXECQ310		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 12,000	ManDays: 200	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31121-003) DIESEL ENGINE REQUIRES REPAIR	REPAIR SSDG ENGINE PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE ENGINE TO THE EXTENT NECESSARY TO ACCOMPLISH DESIGNATED REPAIRS. ON COMPLETION OF REPAIRS, REASSEMBLE ENGINE, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE ____ MANDAYS OF LABOR AND _____ DOLLARS OF MATERIAL FOR REPAIRS. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

Task/Abbreviation: Q-31121-004- -SSDG AC GEN - RPR**MJC:** EXECQ311**Rev Date:** 9/8/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 5,000**ManDays:** 300**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31121-004)GENERATOR REQUIRES REPAIR

REMOVE END COVERS & INNER AIR SHIELD OF A.C. GEN OF SSDG SET. INSP FIELD RTR FAN RING ASSY. MEASURE INSUL RES OF FIELD & STAT WNDGS. VERIFY CONT OF RTD'S CIRC. RCD AS-FND & POST-RPR CLRNCS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. CLN BRUSH RIGGING IN-PLACE WITH APPROV SOLVNT. REPL/SEAT COLLECTR RING BRUSHES. ON COMPL OF RPRS, AS AUTH FROM FLWNG LIST, REASSM UNIT USING JOINT SEALANTS & NEW GASKETS. ACCOMP SAT OP TSTS & VIB ANALY SURV. A. CLEAN STATOR AND ROTOR WINDINGS. PROVIDE INSULATION RESISTANCE READINGS ON COMPLETION. B. RESURFACE AND MACHINE JOURNAL. C. MACHINE/POLISH COLLECTOR RING ASSY IN-PLACE. D. REWIND FIELD. E. REPLACE FIELD ROTOR. F. REWIND STATOR. G. REPLACE STATOR ASSEMBLY. H. REBABBIT DESIGNATED GENERATOR JOURNAL BEARING(S). I. REPLACE DESIGNATED GENERATOR JOURNAL BEARING(S). J. REPLACE DESIGNATED OIL DEFLECTORS. NOTE. 1. GEN STATOR SPACE HEATERS TO BE ENERGIZED. 2. USE SWT 311-05 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-31121-005- -SSDG FUEL INJ PMPS - RPR				MJC: EXECQ714		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 72		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 12		Matl Cost: 15,500		ManDays: 40		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31121-005)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE FUEL INJECTION PUMP. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE FUEL INJECTION PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS ASSEMBLE PUMP USING NEW O-RINGS, RETAINING RINGS, SEALS AND WASHERS. ENSURE SATISFACTORY FUEL FLOW. ACCOMPLISH SATISFACTORY SHOP TEST ENSURING FULL-FUEL AND IDLE-FUEL CALIBRATION. TIME INJECTION PUMPS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: IF UNIT INJECTORS, REMOVE, TEST AND REPLACE.

Task/Abbreviation: Q-31121-006- -SSDG FUEL INJECTORS - RPR				MJC: EXECQ313		Rev Date: 9/8/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 72		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 12		Matl Cost: 1,200		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31121-006)FUEL INJECTOR REQUIRES REPAIR				REPAIR FUEL OIL INJECTORS. REMOVE INJECTORS, DISASSEMBLE, CLEAN AND INSPECT INTERNAL PARTS. REPLACE WORN PARTS AND REASSEMBLE. PERFORM POP TEST AND REINSTALL ON ENGINE. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31121-009- -SSDG AIR STG MOT - RPR			MJC: EXECQ316		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 25	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31121-009)AIR START MOTOR REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE AIR START MOTOR OF THE SSDG ENGINE. REPLACE WORN AND DAMAGED PARTS. REASSEMBLE START MOTOR USING NEW GASKETS AND SEALS. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-31121-010- -SSDG TURBOCHARGER - RPR			MJC: EXECQ317		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,000	ManDays: 35	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31121-010)TURBOCHARGER REQUIRES REPAIR	REPAIR THE SSDG TURBOCHARGER. DISASSEMBLE, CLEAN AND INSPECT THE TURBOCHARGER COMPRESSOR END AND TURBINE END IAW TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO THE NSA. DRESS AND/OR REPAIR TURBINE ROTOR BLADING. INSPECT THE NOZZLE RING AND REPLACE IF DAMAGED. DRESS AND/OR REPAIR COMPRESSOR IMPELLER. REPLACE EACH BEARING ASSEMBLY. ON COMPLETION OF REPAIRS, ASSEMBLE TURBOCHARGER USING NEW GASKETS, O-RINGS AND SEALS. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31121-011- -SSDG SPD GOV - RPR**MJC:** EXECQ845**Rev Date:** 9/8/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31121-011) GOVERNOR REQUIRES REPAIR

ACCOMPLISH AUTHORIZED REPAIRS TO THE ELECTRO-HYDRAULIC SPEED GOVERNOR SYSTEM OF THE SHIP SERVICE DIESEL ENGINE GENERATOR SET PER CONDITION ASSESSMENT AND/OR RMC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO A QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST-REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR IN-PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31121-012- -SSDG LO CLR - RPR			MJC: EXECQB62		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31121-012) COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31121-016- -SSDG AIR CLR - RPR			MJC: EXECQB78		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31121-016) COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN AIR COOLER. J. MECHANICALLY-CLEAN AIR COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31121-018- -SSDG ATCHD LO PMP - RPR			MJC: EXECQ718		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31121-018) PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-31121-044- -POST DSL ENG OVHL INSP- ACCOMP**MJC:** EXECI440**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31121-044) DIESEL ENGINE REQUIRES A POST OVERHAUL/REPAIR INSPECTION

WHEN SIGNIFICANT MAINTENANCE HAS BEEN COMPLETED OR AN ENGINE OVERHAUL PERFORMED, A POST-ENGINE OVERHAUL/REPAIR INSPECTION SHALL BE CONDUCTED BY THE TYPE COMMANDER DIESEL ENGINE INSPECTOR PRIOR TO CONTINUOUS OPERATION. ACCOMPLISH POST DIESEL ENGINE OVERHAUL INSPECTION AS FOLLOWS: A. NOTIFY THE NSA TEN WORK DAYS PRIOR TO START UP OF ENGINE. B. REMOVE COMPONENTS FROM THE ENGINE AS DIRECTED BY THE DIESEL ENGINE INSPECTOR. C. ASSIST THE DIESEL ENGINE INSPECTOR IN TAKING CRANKSHAFT DEFLECTION AND THRUST READINGS. (NOTE: USE SMWG TEMPLATE #233-50 FOR GUIDANCE.) PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31121-074- -SSDG AC GEN W/RTR RMV-CLN			MJC: EXECJA81		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 59,000	ManDays: 120	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31121-074) THE NUMBER ONE SSDG A.C. GENERATOR ROTOR ASSEMBLY REQUIRES REPAIR	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE NUMBER ONE SHIP SERVICE DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE ROTATING ASSEMBLIES. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. RECONDITION EXCITER AND MAIN ROTOR IN ACCORDANCE WITH THE REQUIREMENTS OF 009-17. REPAIR END BELLS. IN PLACE CLEAN, RINSE, & DRY THE STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. INSTALL NEW BEARINGS, SEALS AND GASKETS. INSTALL ROTATING ASSEMBLIES. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31121-075- -SSDG AC GEN RTD(S) - REPL			MJC: EXECJA87		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,920	ManDays: 13	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31121-075) RESISTIVE TEMPERATURE DETECTOR(S) (RTD) REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31121-076- -SSDG AC GEN - IN PLACE CLN**MJC:** EXECJA91**Rev Date:** 9/8/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,750**ManDays:** 31**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31121-076) A.C. GENERATOR REQUIRES
CLEANINGOPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP
CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE
DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES.
MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY
CONTINUITY OF RTD CIRCUITRY. PROTECT PARTS SUSCEPTIBLE TO
WATER INTRUSION. IN PLACE CLEAN, RINSE, & DRY THE ROTOR
AND STATOR. MONITOR INSULATION RESISTANCE DURING DRYING
PROCESS. ALIGN THE GENERATOR. MEASURE AND RECORD THE
FINAL AIR GAP AND BEARING CLEARANCES, INSULATION
RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY
OPERATIONAL TEST.

Task/Abbreviation: Q-31121-077- -SSDG AC GEN BEARINGS-REPL			MJC: EXECJA96		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 27,360	ManDays: 14	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31121-077) BEARINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. REPLACE BEARINGS, SEALS, AND GASKETS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31121-088- -SSDG FUEL INJECTORS - REPL				MJC: EXECJED0		Rev Date: 9/8/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 72		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 12		Matl Cost: 12,100		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31121-088)FUEL INJECTOR REQUIRES REPLACEMENT				REMOVE AND REPLACE FUEL OIL INJECTORS ON SSDG ENGINE. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-31121-115- -SSDG VIB TST - MRC G1P1				MJC: EXECIGD2		Rev Date: 7/20/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 12		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 2		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31121-115)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31121-117- -SSDG LT WATER PMP - RPR				MJC: EXECQCU2		Rev Date: 3/12/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 4,200		ManDays: 30		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31121-117)PUMP REQUIRES REPAIR	REMOVE, OPEN, CLEAN AND INSPECT THE LT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE LT WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31121-118- -SSDG LT WATER PMP - REPL				MJC: EXECQCU3		Rev Date: 3/12/2008
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 35,670	ManDays: 6	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 2			
Reason:	Problem Description:			Recommended Solution:		
BASELINE	(Q-31121-118)PUMP REQUIRES REPLACEMENT			REPLACE THE LT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.		

Task/Abbreviation: Q-31121-119- -SSDG HT WATER PMP - RPR				MJC: EXECQCU4		Rev Date: 3/12/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 3,004		ManDays: 24		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31121-119)PUMP REQUIRES REPAIR	REMOVE, OPEN, CLEAN AND INSPECT THE HT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE HT WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31121-120- -SSDG HT WATER PMP - REPL		MJC: EXECQCU5	Rev Date: 3/12/2008		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 18,450	ManDays: 6	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-31121-120)PUMP REQUIRES REPLACEMENT	REPLACE THE HT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: I-31121-168- -SSDG CONTROL EQPT - MRC F3KA				MJC: EXECIIM6		Rev Date: 7/20/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31121-168)THE SHIP SERVICE DIESEL GENERATOR CONTROL EQUIPMENT REQUIRE ASSESSMENT.	ACCOMPLISH THE SHIP SERVICE DIESEL GENERATOR CONTROL EQUIPMENT ASSESSMENT IN ACCORDANCE WITH MRC F3KA AS FOLLOWS: 1. CLEAN AND INSPECT GENERATOR SET CONTROL EQUIPMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31122-001- -SSDG AC GEN - INSP/ TST**MJC:** EXECI114**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31122-001) THE SHIP SERVICE DIESEL
GENERATOR SET REQUIRES INSPECTIONACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE SHIP
SERVICE DIESEL GENERATOR. REPORT CONDITIONS FOUND TO
THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES.
B. GOVERNOR SYSTEM, OVERSPEED C. GOVERNOR SYSTEM,
SPEED D. LOAD TESTS (SINGLE/PARALLEL MODES), OPERATIONAL
E. REGULATION SYSTEM, VOLTAGE F. SYNCHRONIZING DEVICE
SYSTEM. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE
SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO,
BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31122-002- -SSDG DSL ENG - INSP/OP TST**MJC:** EXECICW1**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 18**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 4.3 GC:28HAAC,MA:1363

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-31122-002)JOINT FLEET MAINTENANCE MANUAL
INST 4790.3 REQUIREMENT DUE.

ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE SHIPS SERVICE DIESEL GENERATOR ENGINE IN ACCORDANCE WITH OPNAVINST 9220.3, COMFLTFORCOMINST 4790.3 JOINT FLEET MAINTENANCE MANUAL AND S9233-CJ-HBK-010 U.S. NAVY DIESEL ENGINE INSPECTOR HANDBOOK. SHIPS FORCE TO PROVIDE A MINIMUM OF TWO PERSONNEL TO ASSIST ACCOMPLISHMENT OF INSPECTION. SHIPS FORCE ENGINEER TO BE INFORMED OF DATE OF INSPECTION IN ORDER TO SCHEDULE ALL DIESEL INSPECTION RELATED MAINTENANCE REQUIREMENTS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31122-003- -SSDG DSL ENG - RPR			MJC: EXECQ318		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 12,000	ManDays: 200	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31122-003)DIESEL ENGINE REQUIRES REPAIR	REPAIR SSDG ENGINE PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE ENGINE TO THE EXTENT NECESSARY TO ACCOMPLISH DESIGNATED REPAIRS. ON COMPLETION OF REPAIRS, REASSEMBLE ENGINE, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE ____ MANDAYS OF LABOR AND _____ DOLLARS OF MATERIAL FOR REPAIRS. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

Task/Abbreviation: Q-31122-004- -SSDG AC GEN - RPR**MJC:** EXECQ319**Rev Date:** 9/8/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 5,000**ManDays:** 300**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31122-004)GENERATOR REQUIRES REPAIR

REMOVE END COVERS & INNER AIR SHIELD OF A.C. GEN OF SSDG SET. INSP FIELD RTR FAN RING ASSY. MEASURE INSUL RES OF FIELD & STAT WNDGS. VERIFY CONT OF RTD'S CIRC. RCD AS-FND & POST-RPR CLRNCS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. CLN BRUSH RIGGING IN-PLACE WITH APPROV SOLVNT. REPL/SEAT COLLECTOR RING BRUSHES. ON COMPL OF RPRS, AS AUTH FROM FLWNG LIST, REASSM UNIT USING JOINT SEALANTS & NEW GASKETS. ACCOMP SAT OP TSTS & VIB ANALY SURV. A. CLEAN STATOR AND ROTOR WINDINGS. PROVIDE INSULATION RESISTANCE READINGS ON COMPLETION. B. RESURFACE AND MACHINE JOURNAL. C. MACHINE/POLISH COLLECTOR RING ASSY IN-PLACE. D. REWIND FIELD. E. REPLACE FIELD ROTOR. F. REWIND STATOR. G. REPLACE STATOR ASSEMBLY. H. REBABBIT DESIGNATED GENERATOR JOURNAL BEARING(S). I. REPLACE DESIGNATED GENERATOR JOURNAL BEARING(S). J. REPLACE DESIGNATED OIL DEFLECTORS. NOTE. 1. GEN STATOR SPACE HEATERS TO BE ENERGIZED. 2. USE SWT 311-05 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-31122-005- -SSDG FUEL INJ PMPS - RPR				MJC: EXECQ715		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 72	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 12	Matl Cost: 15,500	ManDays: 40	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31122-005)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE FUEL INJECTION PUMP. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE FUEL INJECTION PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS ASSEMBLE PUMP USING NEW O-RINGS, RETAINING RINGS, SEALS AND WASHERS. ENSURE SATISFACTORY FUEL FLOW. ACCOMPLISH SATISFACTORY SHOP TEST ENSURING FULL-FUEL AND IDLE-FUEL CALIBRATION. TIME INJECTION PUMPS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: IF UNIT INJECTORS, REMOVE, TEST AND REPLACE.

Task/Abbreviation: Q-31122-006- -SSDG FUEL INJECTORS - RPR				MJC: EXECQ321		Rev Date: 9/8/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 72		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 12		Matl Cost: 1,200		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31122-006)FUEL INJECTOR REQUIRES REPAIR				REPAIR FUEL OIL INJECTORS. REMOVE INJECTORS, DISASSEMBLE, CLEAN AND INSPECT INTERNAL PARTS. REPLACE WORN PARTS AND REASSEMBLE. PERFORM POP TEST AND REINSTALL ON ENGINE. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31122-009- -SSDG AIR STG MOT - RPR			MJC: EXECQ324		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31122-009)AIR START MOTOR REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE AIR START MOTOR OF THE SSDG ENGINE. REPLACE WORN AND DAMAGED PARTS. REASSEMBLE START MOTOR USING NEW GASKETS AND SEALS. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-31122-010- -SSDG TURBOCHARGER - RPR			MJC: EXECQ325		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,000	ManDays: 35	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31122-010)TURBOCHARGER REQUIRES REPAIR	REPAIR THE SSDG TURBOCHARGER. DISASSEMBLE, CLEAN AND INSPECT THE TURBOCHARGER COMPRESSOR END AND TURBINE END IAW TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO THE NSA. DRESS AND/OR REPAIR TURBINE ROTOR BLADING. INSPECT THE NOZZLE RING AND REPLACE IF DAMAGED. DRESS AND/OR REPAIR COMPRESSOR IMPELLER. REPLACE EACH BEARING ASSEMBLY. ON COMPLETION OF REPAIRS, ASSEMBLE TURBOCHARGER USING NEW GASKETS, O-RINGS AND SEALS. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31122-011- -SSDG SPD GOV - RPR**MJC:** EXECQ850**Rev Date:** 9/8/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31122-011)GOVERNOR REQUIRES REPAIR

ACCOMPLISH AUTHORIZED REPAIRS TO THE ELECTRO-HYDRAULIC SPEED GOVERNOR SYSTEM OF THE SHIP SERVICE DIESEL ENGINE GENERATOR SET PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO A QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST-REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR IN-PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31122-012- -SSDG LO CLR - RPR			MJC: EXECQB63		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31122-012)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31122-016- -SSDG AIR CLR - RPR**MJC:** EXECQB79**Rev Date:** 9/8/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31122-016)COOLER REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN AIR COOLER. J. MECHANICALLY-CLEAN AIR COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31122-018- -SSDG ATCHD LO PMP - RPR				MJC: EXECQ719		Rev Date: 9/8/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31122-018) PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-31122-044- -POST DSL ENG OVHL INSP- ACCOMP**MJC:** EXECI441**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31122-044) DIESEL ENGINE REQUIRES A POST OVERHAUL/REPAIR INSPECTION

WHEN SIGNIFICANT MAINTENANCE HAS BEEN COMPLETED OR AN ENGINE OVERHAUL PERFORMED, A POST-ENGINE OVERHAUL/REPAIR INSPECTION SHALL BE CONDUCTED BY THE TYPE COMMANDER DIESEL ENGINE INSPECTOR PRIOR TO CONTINUOUS OPERATION. ACCOMPLISH POST DIESEL ENGINE OVERHAUL INSPECTION AS FOLLOWS: A. NOTIFY THE NSA TEN WORK DAYS PRIOR TO START UP OF ENGINE. B. REMOVE COMPONENTS FROM THE ENGINE AS DIRECTED BY THE DIESEL ENGINE INSPECTOR. C. ASSIST THE DIESEL ENGINE INSPECTOR IN TAKING CRANKSHAFT DEFLECTION AND THRUST READINGS. (NOTE: USE SMWG TEMPLATE #233-50 FOR GUIDANCE.) PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31122-074- -SSDG AC GEN W/RTR RMV-CLN**MJC:** EXECJA82**Rev Date:** 9/8/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 59,000 **ManDays:** 120 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:** **Problem Description:** **Recommended Solution:**

BASELINE (Q-31122-074) ROTOR ASSEMBLY REQUIRES REPAIR

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE ROTATING ASSEMBLIES. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. RECONDITION EXCITER AND MAIN ROTOR IN ACCORDANCE WITH THE REQUIREMENTS OF 009-17. REPAIR END BELLS. IN PLACE CLEAN, RINSE, & DRY THE STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. INSTALL NEW BEARINGS, SEALS AND GASKETS. INSTALL ROTATING ASSEMBLIES. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31122-075- -SSDG AC GEN RTD(S) - REPL			MJC: EXECJA86		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,920	ManDays: 13	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31122-075) RESISTIVE TEMPERATURE DETECTOR(S) (RTD) REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31122-076- -SSDG AC GEN - IN PLACE CLN**MJC:** EXECJA92**Rev Date:** 9/8/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,750**ManDays:** 31**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31122-076) A.C. GENERATOR REQUIRES
CLEANINGOPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP
CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE
DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES.
MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY
CONTINUITY OF RTD CIRCUITRY. PROTECT PARTS SUSCEPTIBLE TO
WATER INTRUSION. IN PLACE CLEAN, RINSE, & DRY THE ROTOR
AND STATOR. MONITOR INSULATION RESISTANCE DURING DRYING
PROCESS. ALIGN THE GENERATOR. MEASURE AND RECORD THE
FINAL AIR GAP AND BEARING CLEARANCES, INSULATION
RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY
OPERATIONAL TEST.

Task/Abbreviation: Q-31122-077- -SSDG AC GEN BEARINGS-REPL			MJC: EXECJA97		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 27,360	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31122-077) BEARINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. REPLACE BEARINGS, SEALS, AND GASKETS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31122-088- -SSDG FUEL INJECTORS - REPL				MJC: EXECJ602		Rev Date: 9/8/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 72		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 12		Matl Cost: 12,100		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31122-088)FUEL INJECTOR REQUIRES REPLACEMENT				REMOVE AND REPLACE FUEL OIL INJECTORS ON SSDG ENGINE. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-31122-115- -SSDG VIB TST - MRC G1P1				MJC: EXECIGD3		Rev Date: 7/20/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 12		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 2		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31122-115)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31122-117- -SSDG LT WATER PMP - RPR			MJC: EXECQCU6		Rev Date: 3/12/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 4,200	ManDays: 30	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31122-117)PUMP REQUIRES REPAIR	REMOVE, OPEN, CLEAN AND INSPECT THE LT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE LT WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31122-118- -SSDG LT WATER PMP - REPL				MJC: EXECQCU7		Rev Date: 3/12/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 35,670		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31122-118)PUMP REQUIRES REPLACEMENT				REPLACE THE LT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31122-119- -SSDG HT WATER PMP - RPR				MJC: EXECQCU8		Rev Date: 3/12/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 3,004		ManDays: 24		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31122-119)PUMP REQUIRES REPAIR	REMOVE, OPEN, CLEAN AND INSPECT THE HT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE HT WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31122-120- -SSDG HT WATER PMP - REPL		MJC: EXECQCU9	Rev Date: 3/12/2008		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 18,450	ManDays: 6	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-31122-120)PUMP REQUIRES REPLACEMENT	REPLACE THE HT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: I-31122-168- -SSDG CONTROL EQPT - MRC F3KA				MJC: EXECIIM7		Rev Date: 7/20/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31122-168)THE SHIP SERVICE DIESEL GENERATOR CONTROL EQUIPMENT REQUIRE ASSESSMENT.	ACCOMPLISH THE SHIP SERVICE DIESEL GENERATOR CONTROL EQUIPMENT ASSESSMENT IN ACCORDANCE WITH MRC F3KA AS FOLLOWS: 1. CLEAN AND INSPECT GENERATOR SET CONTROL EQUIPMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31123-001- -SSDG AC GEN - INSP/ TST**MJC:** EXECI116**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31123-001)THE SHIP SERVICE DIESEL
GENERATOR REQUIRES INSPECTIONACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE SHIP
SERVICE DIESEL GENERATOR. REPORT CONDITIONS FOUND TO
THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES.
B. GOVERNOR SYSTEM, OVERSPEED C. GOVERNOR SYSTEM,
SPEED D. LOAD TESTS (SINGLE/PARALLEL MODES), OPERATIONAL
E. REGULATION SYSTEM, VOLTAGE F. SYNCHRONIZING DEVICE
SYSTEM. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE
SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO,
BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31123-002- -SSDG DSL ENG - INSP/OP TST MJC: EXECICW2 Rev Date: 7/20/2011

RCM Analysis: Scheduled: Y Sit Reqs: Qty: 6 Removal Required:

Lvl of Maint: 3 Freq: 18 Equip/Task: 1 Matl Cost: ManDays: 5 Alt No:

Referenced Authority: Repair Pool: MCC: 3

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 4.3 GC:28HAAC,MA:1363

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31123-002) JOINT FLEET MAINTENANCE MANUAL INST 4790.3 REQUIREMENT DUE.	ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE SHIPS SERVICE DIESEL GENERATOR ENGINE IN ACCORDANCE WITH OPNAVINST 9220.3, COMFLTFORCOMINST 4790.3 JOINT FLEET MAINTENANCE MANUAL AND S9233-CJ-HBK-010 U.S. NAVY DIESEL ENGINE INSPECTOR HANDBOOK. SHIPS FORCE TO PROVIDE A MINIMUM OF TWO PERSONNEL TO ASSIST ACCOMPLISHMENT OF INSPECTION. SHIPS FORCE ENGINEER TO BE INFORMED OF DATE OF INSPECTION IN ORDER TO SCHEDULE ALL DIESEL INSPECTION RELATED MAINTENANCE REQUIREMENTS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31123-003- -SSDG DSL ENG - RPR			MJC: EXECQ326		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 12,000	ManDays: 200	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31123-003)DIESEL ENGINE REQUIRES REPAIR	REPAIR SSDG ENGINE PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE ENGINE TO THE EXTENT NECESSARY TO ACCOMPLISH DESIGNATED REPAIRS. ON COMPLETION OF REPAIRS, REASSEMBLE ENGINE, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE ____ MANDAYS OF LABOR AND _____ DOLLARS OF MATERIAL FOR REPAIRS. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

Task/Abbreviation: Q-31123-004- -SSDG AC GEN - RPR**MJC:** EXECQ327**Rev Date:** 9/6/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 5,000**ManDays:** 300**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31123-004)GENERATOR REQUIRES REPAIR

REMOVE END COVERS & INNER AIR SHIELD OF A.C. GEN OF SSDG SET. INSP FIELD RTR FAN RING ASSY. MEASURE INSUL RES OF FIELD & STAT WNDGS. VERIFY CONT OF RTD'S CIRC. RCD AS-FND & POST-RPR CLRNCS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. CLN BRUSH RIGGING IN-PLACE WITH APPROV SOLVNT. REPL/SEAT COLLECTOR RING BRUSHES. ON COMPL OF RPRS, AS AUTH FROM FLWNG LIST, REASSM UNIT USING JOINT SEALANTS & NEW GASKETS. ACCOMP SAT OP TSTS & VIB ANALY SURV. A. CLEAN STATOR AND ROTOR WINDINGS. PROVIDE INSULATION RESISTANCE READINGS ON COMPLETION. B. RESURFACE AND MACHINE JOURNAL. C. MACHINE/POLISH COLLECTOR RING ASSY IN-PLACE. D. REWIND FIELD. E. REPLACE FIELD ROTOR. F. REWIND STATOR. G. REPLACE STATOR ASSEMBLY. H. REBABBIT DESIGNATED GENERATOR JOURNAL BEARING(S). I. REPLACE DESIGNATED GENERATOR JOURNAL BEARING(S). J. REPLACE DESIGNATED OIL DEFLECTORS. NOTE. 1. GEN STATOR SPACE HEATERS TO BE ENERGIZED. 2. USE SWT 311-05 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-31123-005- -SSDG FUEL INJ PMPS - RPR				MJC: EXECQ716		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 72	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 12	Matl Cost: 15,500	ManDays: 40	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31123-005)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE FUEL INJECTION PUMP. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE FUEL INJECTION PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS ASSEMBLE PUMP USING NEW O-RINGS, RETAINING RINGS, SEALS AND WASHERS. ENSURE SATISFACTORY FUEL FLOW. ACCOMPLISH SATISFACTORY SHOP TEST ENSURING FULL-FUEL AND IDLE-FUEL CALIBRATION. TIME INJECTION PUMPS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: IF UNIT INJECTORS, REMOVE, TEST AND REPLACE.

Task/Abbreviation: Q-31123-006- -SSDG FUEL INJECTORS - RPR				MJC: EXECQ329		Rev Date: 9/8/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 72		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 12		Matl Cost: 1,200		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31123-006)FUEL INJECTOR REQUIRES REPAIR				REPAIR FUEL OIL INJECTORS. REMOVE INJECTORS, DISASSEMBLE, CLEAN AND INSPECT INTERNAL PARTS. REPLACE WORN PARTS AND REASSEMBLE. PERFORM POP TEST AND REINSTALL ON ENGINE. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31123-009- -SSDG AIR STG MOT - RPR			MJC: EXECQ332		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31123-009)AIR START MOTOR REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE AIR START MOTOR OF THE SSDG ENGINE. REPLACE WORN AND DAMAGED PARTS. REASSEMBLE START MOTOR USING NEW GASKETS AND SEALS. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-31123-010- -SSDG TURBOCHARGER - RPR			MJC: EXECQ333		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,000	ManDays: 35	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31123-010)TURBOCHARGER REQUIRES REPAIR	REPAIR THE SSDG TURBOCHARGER. DISASSEMBLE, CLEAN AND INSPECT THE TURBOCHARGER COMPRESSOR END AND TURBINE END IAW TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO THE NSA. DRESS AND/OR REPAIR TURBINE ROTOR BLADING. INSPECT THE NOZZLE RING AND REPLACE IF DAMAGED. DRESS AND/OR REPAIR COMPRESSOR IMPELLER. REPLACE EACH BEARING ASSEMBLY. ON COMPLETION OF REPAIRS, ASSEMBLE TURBOCHARGER USING NEW GASKETS, O-RINGS AND SEALS. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31123-011- -SSDG SPD GOV - RPR**MJC:** EXECQ855**Rev Date:** 9/8/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31123-011)GOVERNOR REQUIRES REPAIR

ACCOMPLISH AUTHORIZED REPAIRS TO THE ELECTRO-HYDRAULIC SPEED GOVERNOR SYSTEM OF THE SHIP SERVICE DIESEL ENGINE GENERATOR SET PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO A QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST-REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR IN-PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31123-012- -SSDG LO CLR - RPR			MJC: EXECQB64		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31123-012)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31123-016- -SSDG AIR CLR - RPR			MJC: EXECQB80		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31123-016)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN AIR COOLER. J. MECHANICALLY-CLEAN AIR COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31123-018- -SSDG ATCHD LO PMP - RPR			MJC: EXECQ720		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31123-018)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-31123-044- -POST DSL ENG OVHL INSP- ACCOMP**MJC:** EXECI442**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31123-044)DIESEL ENGINE REQUIRES A POST OVERHAUL/REPAIR INSPECTION

WHEN SIGNIFICANT MAINTENANCE HAS BEEN COMPLETED OR AN ENGINE OVERHAUL PERFORMED, A POST-ENGINE OVERHAUL/REPAIR INSPECTION SHALL BE CONDUCTED BY THE TYPE COMMANDER DIESEL ENGINE INSPECTOR PRIOR TO CONTINUOUS OPERATION. ACCOMPLISH POST DIESEL ENGINE OVERHAUL INSPECTION AS FOLLOWS: A. NOTIFY THE NSA TEN WORK DAYS PRIOR TO START UP OF ENGINE. B. REMOVE COMPONENTS FROM THE ENGINE AS DIRECTED BY THE DIESEL ENGINE INSPECTOR. C. ASSIST THE DIESEL ENGINE INSPECTOR IN TAKING CRANKSHAFT DEFLECTION AND THRUST READINGS. (NOTE: USE SMWG TEMPLATE #233-50 FOR GUIDANCE.) PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31123-074- -SSDG AC GEN W/RTR RMV-CLN**MJC:** EXECJA83**Rev Date:** 9/8/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 59,000 **ManDays:** 120 **Alt No:****Referenced Authority:** **Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(Q-31123-074) ROTOR ASSEMBLY REQUIRES REPAIR

Recommended Solution:

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE ROTATING ASSEMBLIES. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. RECONDITION EXCITER AND MAIN ROTOR IN ACCORDANCE WITH THE REQUIREMENTS OF 009-17. REPAIR END BELLS. IN PLACE CLEAN, RINSE, & DRY THE STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. INSTALL NEW BEARINGS, SEALS AND GASKETS. INSTALL ROTATING ASSEMBLIES. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31123-075- -SSDG AC GEN RTD(S) - REPL				MJC: EXECJA88		Rev Date: 9/8/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,920		ManDays: 13		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31123-075) RESISTIVE TEMPERATURE DETECTOR(S) (RTD) REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31123-076- -SSDG AC GEN - IN PLACE CLN**MJC:** EXECJA93**Rev Date:** 9/8/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,750**ManDays:** 31**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31123-076) A.C. GENERATOR REQUIRES
CLEANINGOPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP
CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE
DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES.
MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY
CONTINUITY OF RTD CIRCUITRY. PROTECT PARTS SUSCEPTIBLE TO
WATER INTRUSION. IN PLACE CLEAN, RINSE, & DRY THE ROTOR
AND STATOR. MONITOR INSULATION RESISTANCE DURING DRYING
PROCESS. ALIGN THE GENERATOR. MEASURE AND RECORD THE
FINAL AIR GAP AND BEARING CLEARANCES, INSULATION
RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY
OPERATIONAL TEST.

Task/Abbreviation: Q-31123-077- -SSDG AC GEN BEARINGS-REPL				MJC: EXECJA98		Rev Date: 9/8/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 27,360		ManDays: 14		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31123-077) BEARINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. REPLACE BEARINGS, SEALS, AND GASKETS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31123-088- -SSDG FUEL INJECTORS - REPL				MJC: EXECJ633		Rev Date: 9/8/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 72		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 12		Matl Cost: 12,100		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31123-088)FUEL INJECTOR REQUIRES REPLACEMENT				REMOVE AND REPLACE FUEL OIL INJECTORS ON SSDG ENGINE. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-31123-115- -SSDG VIB TST - MRC G1P1				MJC: EXECIGD4		Rev Date: 7/20/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 12		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 2		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31123-115)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31123-118- -SSDG LT WATER PMP - RPR				MJC: EXECQCV0		Rev Date: 3/12/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 4,200		ManDays: 30		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31123-118)PUMP REQUIRES REPAIR	REMOVE, OPEN, CLEAN AND INSPECT THE LT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE LT WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31123-119- -SSDG LT WATER PMP - REPL		MJC: EXECQCV1	Rev Date: 3/12/2008		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 35,670	ManDays: 6	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31123-119)PUMP REQUIRES REPLACEMENT	REPLACE THE LT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31123-120- -SSDG HT WATER PMP - RPR				MJC: EXECQCV2		Rev Date: 3/12/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 3,004		ManDays: 24		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31123-120)PUMP REQUIRES REPAIR	REMOVE, OPEN, CLEAN AND INSPECT THE HT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE HT WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31123-121- -SSDG HT WATER PMP - REPL		MJC: EXECQCV3	Rev Date: 3/12/2008		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 18,450	ManDays: 6	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-31123-121)PUMP REQUIRES REPLACEMENT	REPLACE THE HT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: I-31123-169- -SSDG CONTROL EQPT - MRC F3KA**MJC:** EXECIIM8**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31123-169)THE SHIP SERVICE DIESEL
GENERATOR CONTROL EQUIPMENT REQUIRE
ASSESSMENT.ACCOMPLISH THE SHIP SERVICE DIESEL GENERATOR CONTROL
EQUIPMENT ASSESSMENT IN ACCORDANCE WITH MRC F3KA AS
FOLLOWS: 1. CLEAN AND INSPECT GENERATOR SET CONTROL
EQUIPMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP.
PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND
POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64)
IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31124-001- -SSDG AC GEN - INSP/ TST**MJC:** EXECI118**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31124-001)THE SHIP SERVICE DIESEL
GENERATOR REQUIRES INSPECTIONACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE SHIP
SERVICE DIESEL GENERATOR. REPORT CONDITIONS FOUND TO
THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES.
B. GOVERNOR SYSTEM, OVERSPEED C. GOVERNOR SYSTEM,
SPEED D. LOAD TESTS (SINGLE/PARALLEL MODES), OPERATIONAL
E. REGULATION SYSTEM, VOLTAGE F. SYNCHRONIZING DEVICE
SYSTEM. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE
SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO,
BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31124-002- -SSDG DSL ENG - INSP/OP TST				MJC: EXECICW3		Rev Date: 7/20/2011					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 3		Freq: 18		Equip/Task: 1		Matl Cost:		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 4.3 GC:28HAAC,MA:1363											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-31124-002)JOINT FLEET MAINTENANCE MANUAL INST 4790.3 REQUIREMENT DUE.				ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE SHIPS SERVICE DIESEL GENERATOR ENGINE IN ACCORDANCE WITH OPNAVINST 9220.3, COMFLTFORCOMINST 4790.3 JOINT FLEET MAINTENANCE MANUAL AND S9233-CJ-HBK-010 U.S. NAVY DIESEL ENGINE INSPECTOR HANDBOOK. SHIPS FORCE TO PROVIDE A MINIMUM OF TWO PERSONNEL TO ASSIST ACCOMPLISHMENT OF INSPECTION. SHIPS FORCE ENGINEER TO BE INFORMED OF DATE OF INSPECTION IN ORDER TO SCHEDULE ALL DIESEL INSPECTION RELATED MAINTENANCE REQUIREMENTS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.					

Task/Abbreviation: Q-31124-003- -SSDG DSL ENG - RPR			MJC: EXECQ334		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 12,000	ManDays: 200	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31124-003)DIESEL ENGINE REQUIRES REPAIR	REPAIR SSDG ENGINE PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE ENGINE TO THE EXTENT NECESSARY TO ACCOMPLISH DESIGNATED REPAIRS. ON COMPLETION OF REPAIRS, REASSEMBLE ENGINE, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE ____ MANDAYS OF LABOR AND _____ DOLLARS OF MATERIAL FOR REPAIRS. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

Task/Abbreviation: Q-31124-004- -SSDG AC GEN - RPR**MJC:** EXECQ335**Rev Date:** 9/8/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 5,000**ManDays:** 300**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31124-004)GENERATOR REQUIRES REPAIR

REMOVE END COVERS & INNER AIR SHIELD OF A.C. GEN OF SSDG SET. INSP FIELD RTR FAN RING ASSY. MEASURE INSUL RES OF FIELD & STAT WNDGS. VERIFY CONT OF RTD'S CIRC. TO NSA. CLN BRUSH RIGGING IN-PLACE WITH APPROV SOLVNT. REPL/SEAT COLLCTR RING BRUSHES. ON COMPL OF RPRS, AS AUTH FROM FLWNG LIST, REASSM UNIT USING JOINT SEALANTS & NEW GASKETS. ACCOMP SAT OP TSTS & VIB ANALY SURV. A. CLEAN STATOR AND ROTOR WINDINGS. PROVIDE INSULATION RESISTANCE READINGS ON COMPLETION. B. RESURFACE AND MACHINE JOURNAL. C. MACHINE/POLISH COLLECTOR RING ASSY IN-PLACE. D. REWIND FIELD. E. REPLACE FIELD ROTOR. F. REWIND STATOR. G. REPLACE STATOR ASSEMBLY. H. REBABBIT DESIGNATED GENERATOR JOURNAL BEARING(S). I. REPLACE DESIGNATED GENERATOR JOURNAL BEARING(S). J. REPLACE DESIGNATED OIL DEFLECTORS. NOTE: 1. GEN STATOR SPACE HEATERS TO BE ENERGIZED. 2. USE SWT 311-05 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-31124-005- -SSDG FUEL INJ PMPS - RPR				MJC: EXECQ717		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 72	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 12	Matl Cost: 15,500	ManDays: 40	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31124-005)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE FUEL INJECTION PUMP. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE FUEL INJECTION PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS ASSEMBLE PUMP USING NEW O-RINGS, RETAINING RINGS, SEALS AND WASHERS. ENSURE SATISFACTORY FUEL FLOW. ACCOMPLISH SATISFACTORY SHOP TEST ENSURING FULL-FUEL AND IDLE-FUEL CALIBRATION. TIME INJECTION PUMPS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: IF UNIT INJECTORS, REMOVE, TEST AND REPLACE.

Task/Abbreviation: Q-31124-006- -SSDG FUEL INJECTORS - RPR				MJC: EXECQ337		Rev Date: 9/8/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 72		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 12		Matl Cost: 1,200		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31124-006)FUEL INJECTOR REQUIRES REPAIR				REPAIR FUEL OIL INJECTORS. REMOVE INJECTORS, DISASSEMBLE, CLEAN AND INSPECT INTERNAL PARTS. REPLACE WORN PARTS AND REASSEMBLE. PERFORM POP TEST AND REINSTALL ON ENGINE. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31124-009- -SSDG AIR STG MOT - RPR			MJC: EXECQ340		Rev Date: 9/8/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31124-009)AIR START MOTOR REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE AIR START MOTOR OF THE SSDG ENGINE. REPLACE WORN AND DAMAGED PARTS. REASSEMBLE START MOTOR USING NEW GASKETS AND SEALS. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-31124-010- -SSDG TURBOCHARGER - RPR			MJC: EXECQ341		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,000	ManDays: 35	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31124-010)TURBOCHARGER REQUIRES REPAIR	REPAIR THE SSDG TURBOCHARGER. DISASSEMBLE, CLEAN AND INSPECT THE TURBOCHARGER COMPRESSOR END AND TURBINE END IAW TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO THE NSA. DRESS AND/OR REPAIR TURBINE ROTOR BLADING. INSPECT THE NOZZLE RING AND REPLACE IF DAMAGED. DRESS AND/OR REPAIR COMPRESSOR IMPELLER. REPLACE EACH BEARING ASSEMBLY. ON COMPLETION OF REPAIRS, ASSEMBLE TURBOCHARGER USING NEW GASKETS, O-RINGS AND SEALS. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31124-011- -SSDG SPD GOV - RPR**MJC:** EXECQ860**Rev Date:** 9/8/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31124-011)GOVERNOR REQUIRES REPAIR

ACCOMPLISH AUTHORIZED REPAIRS TO THE ELECTRO-HYDRAULIC SPEED GOVERNOR SYSTEM OF THE SHIP SERVICE DIESEL ENGINE GENERATOR SET PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO A QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST-REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR IN-PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31124-012- -SSDG LO CLR - RPR			MJC: EXECQB65		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31124-012)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31124-016- -SSDG AIR CLR - RPR				MJC: EXECQBK6		Rev Date: 9/8/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31124-016)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN AIR COOLER. J. MECHANICALLY-CLEAN AIR COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31124-018- -SSDG ATCHD LO PMP - RPR				MJC: EXECQ721		Rev Date: 9/8/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31124-018) PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-31124-044- -POST DSL ENG OVHL INSP- ACCOMP**MJC:** EXECI443**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31124-044) DIESEL ENGINE REQUIRES A POST OVERHAUL/REPAIR INSPECTION

WHEN SIGNIFICANT MAINTENANCE HAS BEEN COMPLETED OR AN ENGINE OVERHAUL PERFORMED, A POST-ENGINE OVERHAUL/REPAIR INSPECTION SHALL BE CONDUCTED BY THE TYPE COMMANDER DIESEL ENGINE INSPECTOR PRIOR TO CONTINUOUS OPERATION. ACCOMPLISH POST DIESEL ENGINE OVERHAUL INSPECTION AS FOLLOWS: A. NOTIFY THE NSA TEN WORK DAYS PRIOR TO START UP OF ENGINE. B. REMOVE COMPONENTS FROM THE ENGINE AS DIRECTED BY THE DIESEL ENGINE INSPECTOR. C. ASSIST THE DIESEL ENGINE INSPECTOR IN TAKING CRANKSHAFT DEFLECTION AND THRUST READINGS. (NOTE: USE SMWG TEMPLATE #233-50 FOR GUIDANCE.) PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31124-074- -SSDG AC GEN W/RTR RMV-CLN**MJC:** EXECJA84**Rev Date:** 9/8/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 59,000 **ManDays:** 120 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:**

BASELINE

Problem Description:

(Q-31124-074) ROTOR ASSEMBLY REQUIRES REPAIR

Recommended Solution:

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE ROTATING ASSEMBLIES. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. RECONDITION EXCITER AND MAIN ROTOR IN ACCORDANCE WITH THE REQUIREMENTS OF 009-17. REPAIR END BELLS. IN PLACE CLEAN, RINSE, & DRY THE STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. INSTALL NEW BEARINGS, SEALS AND GASKETS. INSTALL ROTATING ASSEMBLIES. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31124-075- -SSDG AC GEN RTD(S) - REPL			MJC: EXECJA89		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,920	ManDays: 13	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31124-075) RESISTIVE TEMPERATURE DETECTOR(S) (RTD) REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31124-076- -SSDG AC GEN - IN PLACE CLN			MJC: EXECJA94		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,750	ManDays: 31	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31124-076) A.C. GENERATOR REQUIRES CLEANING	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. IN PLACE CLEAN, RINSE, & DRY THE ROTOR AND STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31124-077- -SSDG AC GEN BEARINGS-REPL			MJC: EXECJA99		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 27,360	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31124-077) BEARINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. REPLACE BEARINGS, SEALS, AND GASKETS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31124-084- -SSDG FUEL INJECTORS - REPL		MJC: EXECJ658	Rev Date: 9/8/2011		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 72	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 12	Matl Cost: 12,100	ManDays: 4	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31124-084)FUEL INJECTOR REQUIRES REPLACEMENT	REMOVE AND REPLACE FUEL OIL INJECTORS ON SSDG ENGINE. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-31124-106- -SSDG VIB TST - MRC G1P1				MJC: EXECIGD5		Rev Date: 7/20/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 12		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 2		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31124-106)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31124-109- -SSDG LT WATER PMP - RPR			MJC: EXECQCV4		Rev Date: 3/12/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 4,200	ManDays: 30	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31124-109)PUMP REQUIRES REPAIR	REMOVE, OPEN, CLEAN AND INSPECT THE LT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE LT WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31124-110- -SSDG LT WATER PMP - REPL		MJC: EXECQCV5	Rev Date: 3/12/2008		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 35,670	ManDays: 6	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31124-110)PUMP REQUIRES REPLACEMENT	REPLACE THE LT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31124-111- -SSDG HT WATER PMP - RPR				MJC: EXECQCV6		Rev Date: 3/12/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 3,004		ManDays: 24		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31124-111)PUMP REQUIRES REPAIR	REMOVE, OPEN, CLEAN AND INSPECT THE HT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE HT WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31124-112- -SSDG HT WATER PMP - REPL				MJC: EXECQCV7		Rev Date: 3/12/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 18,450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31124-112)PUMP REQUIRES REPLACEMENT				REPLACE THE HT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-31124-160- -SSDG CONTROL EQPT - MRC F3KA**MJC:** EXECIIM8**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31124-160)THE SHIP SERVICE DIESEL
GENERATOR CONTROL EQUIPMENT REQUIRE
ASSESSMENT.ACCOMPLISH THE SHIP SERVICE DIESEL GENERATOR CONTROL
EQUIPMENT ASSESSMENT IN ACCORDANCE WITH MRC F3KA AS
FOLLOWS: 1. CLEAN AND INSPECT GENERATOR SET CONTROL
EQUIPMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP.
PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND
POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64)
IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31125-001- -SSDG AC GEN - INSP/ TST**MJC:** XxECI001**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31125-001)THE SHIP SERVICE DIESEL
GENERATOR SET REQUIRES INSPECTIONACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE SHIP
SERVICE DIESEL GENERATOR. REPORT CONDITIONS FOUND TO
THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES.
B. GOVERNOR SYSTEM, OVERSPEED C. GOVERNOR SYSTEM,
SPEED D. LOAD TESTS (SINGLE/PARALLEL MODES), OPERATIONAL
E. REGULATION SYSTEM, VOLTAGE F. SYNCHRONIZING DEVICE
SYSTEM. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE
SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO,
BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31125-002- -SSDG DSL ENG - INSP/OP TST MJC: XxECI002 Rev Date: 7/20/2011

RCM Analysis: Scheduled: Y Sit Reqs: Qty: 6 Removal Required:

Lvl of Maint: 3 Freq: 18 Equip/Task: 1 Matl Cost: ManDays: 5 Alt No:

Referenced Authority: Repair Pool: MCC: 3

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 4.3 GC:28HAAC,MA:1363

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31125-002)JOINT FLEET MAINTENANCE MANUAL INST 4790.3 REQUIREMENT DUE.	ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE SHIPS SERVICE DIESEL GENERATOR ENGINE IN ACCORDANCE WITH OPNAVINST 9220.3, COMFLTFORCOMINST 4790.3 JOINT FLEET MAINTENANCE MANUAL AND S9233-CJ-HBK-010 U.S. NAVY DIESEL ENGINE INSPECTOR HANDBOOK. SHIPS FORCE TO PROVIDE A MINIMUM OF TWO PERSONNEL TO ASSIST ACCOMPLISHMENT OF INSPECTION. SHIPS FORCE ENGINEER TO BE INFORMED OF DATE OF INSPECTION IN ORDER TO SCHEDULE ALL DIESEL INSPECTION RELATED MAINTENANCE REQUIREMENTS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31125-003- -SSDG DSL ENG - RPR			MJC: XxECQ001		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 12,000	ManDays: 200	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31125-003)DIESEL ENGINE REQUIRES REPAIR	REPAIR SSDG ENGINE PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE ENGINE TO THE EXTENT NECESSARY TO ACCOMPLISH DESIGNATED REPAIRS. ON COMPLETION OF REPAIRS, REASSEMBLE ENGINE, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE ____ MANDAYS OF LABOR AND _____ DOLLARS OF MATERIAL FOR REPAIRS. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

Task/Abbreviation: Q-31125-004- -SSDG AC GEN - RPR**MJC:** XSECQ002**Rev Date:** 9/6/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 5,000**ManDays:** 300**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31125-004)GENERATOR REQUIRES REPAIR

REMOVE END COVERS & INNER AIR SHIELD OF A.C. GEN OF SSDG SET. INSP FIELD RTR FAN RING ASSY. MEASURE INSUL RES OF FIELD & STAT WNDGS. VERIFY CONT OF RTD'S CIRC. RCD AS-FND & POST-RPR CLRNCS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. CLN BRUSH RIGGING IN-PLACE WITH APPROV SOLVNT. REPL/SEAT COLLECTR RING BRUSHES. ON COMPL OF RPRS, AS AUTH FROM FLWNG LIST, REASSM UNIT USING JOINT SEALANTS & NEW GASKETS. ACCOMP SAT OP TSTS & VIB ANALY SURV. A. CLEAN STATOR AND ROTOR WINDINGS. PROVIDE INSULATION RESISTANCE READINGS ON COMPLETION. B. RESURFACE AND MACHINE JOURNAL. C. MACHINE/POLISH COLLECTOR RING ASSY IN-PLACE. D. REWIND FIELD. E. REPLACE FIELD ROTOR. F. REWIND STATOR. G. REPLACE STATOR ASSEMBLY. H. REBABBIT DESIGNATED GENERATOR JOURNAL BEARING(S). I. REPLACE DESIGNATED GENERATOR JOURNAL BEARING(S). J. REPLACE DESIGNATED OIL DEFLECTORS. NOTE. 1. GEN STATOR SPACE HEATERS TO BE ENERGIZED. 2. USE SWT 311-05 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-31125-005- -SSDG FUEL INJ PMPS - RPR				MJC: EXECQD01		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 72	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 12	Matl Cost: 15,500	ManDays: 40	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31125-005)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE FUEL INJECTION PUMP. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE FUEL INJECTION PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS ASSEMBLE PUMP USING NEW O-RINGS, RETAINING RINGS, SEALS AND WASHERS. ENSURE SATISFACTORY FUEL FLOW. ACCOMPLISH SATISFACTORY SHOP TEST ENSURING FULL-FUEL AND IDLE-FUEL CALIBRATION. TIME INJECTION PUMPS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: IF UNIT INJECTORS, REMOVE, TEST AND REPLACE.

Task/Abbreviation: Q-31125-006- -SSDG FUEL INJECTORS - RPR				MJC: EXECQBP4		Rev Date: 9/8/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 72		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 12		Matl Cost: 1,200		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31125-006)FUEL INJECTOR REQUIRES REPAIR				REPAIR FUEL OIL INJECTORS. REMOVE INJECTORS, DISASSEMBLE, CLEAN AND INSPECT INTERNAL PARTS. REPLACE WORN PARTS AND REASSEMBLE. PERFORM POP TEST AND REINSTALL ON ENGINE. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31125-009- -SSDG AIR STG MOT - RPR			MJC: XSECQ003		Rev Date: 9/8/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31125-009)AIR START MOTOR REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE AIR START MOTOR OF THE SSDG ENGINE. REPLACE WORN AND DAMAGED PARTS. REASSEMBLE START MOTOR USING NEW GASKETS AND SEALS. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-31125-010- -SSDG TURBOCHARGER - RPR			MJC: EXECQBN6		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,000	ManDays: 35	Alt No:
Referenced Authority:	Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31125-010)TURBOCHARGER REQUIRES REPAIR	REPAIR THE SSDG TURBOCHARGER. DISASSEMBLE, CLEAN AND INSPECT THE TURBOCHARGER COMPRESSOR END AND TURBINE END IAW TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO THE NSA. DRESS AND/OR REPAIR TURBINE ROTOR BLADING. INSPECT THE NOZZLE RING AND REPLACE IF DAMAGED. DRESS AND/OR REPAIR COMPRESSOR IMPELLER. REPLACE EACH BEARING ASSEMBLY. ON COMPLETION OF REPAIRS, ASSEMBLE TURBOCHARGER USING NEW GASKETS, O-RINGS AND SEALS. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31125-011- -SSDG SPD GOV - RPR**MJC:** XSECQ004**Rev Date:** 9/8/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31125-011)GOVERNOR REQUIRES REPAIR

ACCOMPLISH AUTHORIZED REPAIRS TO THE ELECTRO-HYDRAULIC SPEED GOVERNOR SYSTEM OF THE SHIP SERVICE DIESEL ENGINE GENERATOR SET PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO A QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST-REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR IN-PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31125-012- -SSDG LO CLR - RPR**MJC:** XSECQ005**Rev Date:** 9/8/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31125-012)COOLER REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31125-013- -SSDG AIR CLR - RPR			MJC: EXECQCJ5		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31125-013)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN AIR COOLER. J. MECHANICALLY-CLEAN AIR COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31125-018- -SSDG ATCHD LO PMP - RPR			MJC: XSECQ007		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31125-018)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-31125-044- -POST DSL ENG OVHL INSP- ACCOMP**MJC:** XxECI011**Rev Date:** 7/22/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31125-044)DIESEL ENGINE REQUIRES A POST OVERHAUL/REPAIR INSPECTION

WHEN SIGNIFICANT MAINTENANCE HAS BEEN COMPLETED OR AN ENGINE OVERHAUL PERFORMED, A POST-ENGINE OVERHAUL/REPAIR INSPECTION SHALL BE CONDUCTED BY THE TYPE COMMANDER DIESEL ENGINE INSPECTOR PRIOR TO CONTINUOUS OPERATION. ACCOMPLISH POST DIESEL ENGINE OVERHAUL INSPECTION AS FOLLOWS: A. NOTIFY THE NSA TEN WORK DAYS PRIOR TO START UP OF ENGINE. B. REMOVE COMPONENTS FROM THE ENGINE AS DIRECTED BY THE DIESEL ENGINE INSPECTOR. C. ASSIST THE DIESEL ENGINE INSPECTOR IN TAKING CRANKSHAFT DEFLECTION AND THRUST READINGS. (NOTE: USE SMWG TEMPLATE #233-50 FOR GUIDANCE.) PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31125-074- -SSDG AC GEN W/RTR RMV-CLN**MJC:** EXECJEG9**Rev Date:** 9/8/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 59,000**ManDays:** 120**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31125-074)ROTOR ASSEMBLY REQUIRES REPAIR

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE ROTATING ASSEMBLIES. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. RECONDITION EXCITER AND MAIN ROTOR IN ACCORDANCE WITH THE REQUIREMENTS OF 009-17. REPAIR END BELLS. IN PLACE CLEAN, RINSE, & DRY THE STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. INSTALL NEW BEARINGS, SEALS AND GASKETS. INSTALL ROTATING ASSEMBLIES. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31125-075- -SSDG AC GEN RTD(S) - REPL			MJC: EXECJEH0		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,920	ManDays: 13	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31125-075)RESISTIVE TEMPERATURE DETECTOR(S) (RTD) REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31125-076- -SSDG AC GEN - IN PLACE CLN**MJC:** EXECJEH1**Rev Date:** 9/8/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,750**ManDays:** 31**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31125-076)A.C. GENERATOR REQUIRES
CLEANINGOPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP
CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE
DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES.
MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY
CONTINUITY OF RTD CIRCUITRY. PROTECT PARTS SUSCEPTIBLE TO
WATER INTRUSION. IN PLACE CLEAN, RINSE, & DRY THE ROTOR
AND STATOR. MONITOR INSULATION RESISTANCE DURING DRYING
PROCESS. ALIGN THE GENERATOR. MEASURE AND RECORD THE
FINAL AIR GAP AND BEARING CLEARANCES, INSULATION
RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY
OPERATIONAL TEST.

Task/Abbreviation: Q-31125-077- -SSDG AC GEN BEARINGS-REPL			MJC: EXECJEH2		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 27,360	ManDays: 14	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31125-077)BEARINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. REPLACE BEARINGS, SEALS, AND GASKETS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31125-088- -SSDG FUEL INJECTORS - REPL				MJC: EXECJEH3		Rev Date: 9/8/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 72		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 12		Matl Cost: 12,100		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31125-088)FUEL INJECTOR REQUIRES REPLACEMENT				REMOVE AND REPLACE FUEL OIL INJECTORS ON SSDG ENGINE. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-31125-093- -SSDG VIB TST - MRC G1P1				MJC: EXECIH76		Rev Date: 7/20/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 12		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 2		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31125-093)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31125-094- -SSDG LT WATER PMP - RPR			MJC: EXECQCV8		Rev Date: 3/12/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 4,200	ManDays: 30	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31125-094)PUMP REQUIRES REPAIR	REMOVE, OPEN, CLEAN AND INSPECT THE LT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE LT WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31125-095- -SSDG LT WATER PMP - REPL				MJC: EXECQCV9		Rev Date: 3/12/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 0			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31125-095)PUMP REQUIRES REPLACEMENT				REPLACE THE LT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31125-096- -SSDG HT WATER PMP - RPR			MJC: EXECQCW0		Rev Date: 3/12/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 3,004	ManDays: 24	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31125-096)PUMP REQUIRES REPAIR	REMOVE, OPEN, CLEAN AND INSPECT THE HT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE HT WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31125-097- -SSDG HT WATER PMP - REPL		MJC: EXECQCW1	Rev Date: 3/12/2008		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 18,450	ManDays: 6	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-31125-097)PUMP REQUIRES REPLACEMENT	REPLACE THE HT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: I-31125-098- -SSDG CONTROL EQPT - MRC F3KA				MJC: EXECIIM8		Rev Date: 7/20/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31125-098)THE SHIP SERVICE DIESEL GENERATOR CONTROL EQUIPMENT REQUIRE ASSESSMENT.	ACCOMPLISH THE SHIP SERVICE DIESEL GENERATOR CONTROL EQUIPMENT ASSESSMENT IN ACCORDANCE WITH MRC F3KA AS FOLLOWS: 1. CLEAN AND INSPECT GENERATOR SET CONTROL EQUIPMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31126-001- -SSDG AC GEN - INSP/ TST				MJC: EXECIH77		Rev Date: 7/20/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31126-001)THE SHIP SERVICE DIESEL GENERATOR SET REQUIRES INSPECTION	ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE SHIP SERVICE DIESEL GENERATOR. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. GOVERNOR SYSTEM, OVERSPEED C. GOVERNOR SYSTEM, SPEED D. LOAD TESTS (SINGLE/PARALLEL MODES), OPERATIONAL E. REGULATION SYSTEM, VOLTAGE F. SYNCHRONIZING DEVICE SYSTEM. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31126-002- -SSDG DSL ENG - INSP/OP TST**MJC:** XxECI012**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 18**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 4.3 GC:28HAAC,MA:1363

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-31126-002)JOINT FLEET MAINTENANCE MANUAL
INST 4790.3 REQUIREMENT DUE.ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE
SHIPS SERVICE DIESEL GENERATOR ENGINE IN ACCORDANCE WITH
OPNAVINST 9220.3, COMFLTFORCOMINST 4790.3 JOINT FLEET
MAINTENANCE MANUAL AND S9233-CJ-HBK-010 U.S. NAVY DIESEL
ENGINE INSPECTOR HANDBOOK. SHIPS FORCE TO PROVIDE A
MINIMUM OF TWO PERSONNEL TO ASSIST ACCOMPLISHMENT OF
INSPECTION. SHIPS FORCE ENGINEER TO BE INFORMED OF DATE
OF INSPECTION IN ORDER TO SCHEDULE ALL DIESEL INSPECTION
RELATED MAINTENANCE REQUIREMENTS. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: Q-31126-003- -SSDG DSL ENG - RPR			MJC: XSECQ027		Rev Date: 10/20/2004	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 6	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 12,000	ManDays: 200	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31126-003)DIESEL ENGINE REQUIRES REPAIR	REPAIR SSDG ENGINE PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE ENGINE TO THE EXTENT NECESSARY TO ACCOMPLISH DESIGNATED REPAIRS. ON COMPLETION OF REPAIRS, REASSEMBLE ENGINE, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE ____ MANDAYS OF LABOR AND _____ DOLLARS OF MATERIAL FOR REPAIRS. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

Task/Abbreviation: Q-31126-004- -SSDG AC GEN - RPR**MJC:** XSECQ028**Rev Date:** 10/20/2004**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 5,000**ManDays:** 300**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31126-004)GENERATOR REQUIRES REPAIR

REMOVE END COVERS & INNER AIR SHIELD OF A.C. GEN OF SSDG SET. INSP FIELD RTR FAN RING ASSY. MEASURE INSUL RES OF FIELD & STAT WNDGS. VERIFY CONT OF RTD'S CIRC. RCD AS-FND & POST-RPR CLRNCS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. CLN BRUSH RIGGING IN-PLACE WITH APPROV SOLVNT. REPL/SEAT COLLECTOR RING BRUSHES. ON COMPL OF RPRS, AS AUTH FROM FLWNG LIST, REASSM UNIT USING JOINT SEALANTS & NEW GASKETS. ACCOMP SAT OP TSTS & VIB ANALY SURV. A. CLEAN STATOR AND ROTOR WINDINGS. PROVIDE INSULATION RESISTANCE READINGS ON COMPLETION. B. RESURFACE AND MACHINE JOURNAL. C. MACHINE/POLISH COLLECTOR RING ASSY IN-PLACE. D. REWIND FIELD. E. REPLACE FIELD ROTOR. F. REWIND STATOR. G. REPLACE STATOR ASSEMBLY. H. REBABBIT DESIGNATED GENERATOR JOURNAL BEARING(S). I. REPLACE DESIGNATED GENERATOR JOURNAL BEARING(S). J. REPLACE DESIGNATED OIL DEFLECTORS. NOTE. 1. GEN STATOR SPACE HEATERS TO BE ENERGIZED. 2. USE SWT 311-05 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-31126-005- -SSDG FUEL INJECTORS - RPR				MJC: EXECQCY9		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 72		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 12		Matl Cost: 1,200		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31126-005)FUEL INJECTOR REQUIRES REPAIR	REPAIR FUEL OIL INJECTORS. REMOVE INJECTORS, DISASSEMBLE, CLEAN AND INSPECT INTERNAL PARTS. REPLACE WORN PARTS AND REASSEMBLE. PERFORM POP TEST AND REINSTALL ON ENGINE. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31126-006- -SSDG AIR STG MOT - RPR			MJC: XxECQ029		Rev Date: 7/5/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31126-006)AIR START MOTOR REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE AIR START MOTOR OF THE SSDG ENGINE. REPLACE WORN AND DAMAGED PARTS. REASSEMBLE START MOTOR USING NEW GASKETS AND SEALS. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-31126-007- -SSDG TURBOCHARGER - RPR			MJC: EXECQCZ0		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,000	ManDays: 35	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31126-007)TURBOCHARGER REQUIRES REPAIR	REPAIR THE SSDG TURBOCHARGER. DISASSEMBLE, CLEAN AND INSPECT THE TURBOCHARGER COMPRESSOR END AND TURBINE END IAW TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO THE NSA. DRESS AND/OR REPAIR TURBINE ROTOR BLADING. INSPECT THE NOZZLE RING AND REPLACE IF DAMAGED. DRESS AND/OR REPAIR COMPRESSOR IMPELLER. REPLACE EACH BEARING ASSEMBLY. ON COMPLETION OF REPAIRS, ASSEMBLE TURBOCHARGER USING NEW GASKETS, O-RINGS AND SEALS. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31126-008- -SSDG SPD GOV - RPR			MJC: XxECQ030		Rev Date: 10/20/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31126-008)GOVERNOR REQUIRES REPAIR	ACCOMPLISH AUTHORIZED REPAIRS TO THE ELECTRO-HYDRAULIC SPEED GOVERNOR SYSTEM OF THE SHIP SERVICE DIESEL ENGINE GENERATOR SET PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO A QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST-REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR IN-PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31126-009- -SSDG LO CLR - RPR			MJC: XSECQ031		Rev Date: 10/20/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31126-009)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31126-010- -SSDG AIR CLR - RPR				MJC: EXECQCZ1		Rev Date: 11/12/2008	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31126-010)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN AIR COOLER. J. MECHANICALLY-CLEAN AIR COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31126-011- -SSDG ATCHD LO PMP - RPR			MJC: XSECQ032		Rev Date: 10/20/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31126-011)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-31126-012- -POST DSL ENG OVHL INSP- ACCOMP**MJC:** XxECI013**Rev Date:** 7/22/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31126-012)DIESEL ENGINE REQUIRES A POST OVERHAUL/REPAIR INSPECTION

WHEN SIGNIFICANT MAINTENANCE HAS BEEN COMPLETED OR AN ENGINE OVERHAUL PERFORMED, A POST-ENGINE OVERHAUL/REPAIR INSPECTION SHALL BE CONDUCTED BY THE TYPE COMMANDER DIESEL ENGINE INSPECTOR PRIOR TO CONTINUOUS OPERATION. ACCOMPLISH POST DIESEL ENGINE OVERHAUL INSPECTION AS FOLLOWS: A. NOTIFY THE NSA TEN WORK DAYS PRIOR TO START UP OF ENGINE. B. REMOVE COMPONENTS FROM THE ENGINE AS DIRECTED BY THE DIESEL ENGINE INSPECTOR. C. ASSIST THE DIESEL ENGINE INSPECTOR IN TAKING CRANKSHAFT DEFLECTION AND THRUST READINGS. (NOTE: USE SMWG TEMPLATE #233-50 FOR GUIDANCE.) PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31126-013- -SSDG AC GEN W/RTR RMV-CLN			MJC: EXECQCZ2		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 59,000	ManDays: 120	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31126-013)ROTOR ASSEMBLY REQUIRES REPAIR	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE ROTATING ASSEMBLIES. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. RECONDITION EXCITER AND MAIN ROTOR IN ACCORDANCE WITH THE REQUIREMENTS OF 009-17. REPAIR END BELLS. IN PLACE CLEAN, RINSE, & DRY THE STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. INSTALL NEW BEARINGS, SEALS AND GASKETS. INSTALL ROTATING ASSEMBLIES. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31126-014- -SSDG AC GEN RTD(S) - REPL				MJC: EXECQCZ3		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,920		ManDays: 13		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31126-014)RESISTIVE TEMPERATURE DETECTOR(S) (RTD) REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31126-015- -SSDG AC GEN - IN PLACE CLN			MJC: EXECQCZ4		Rev Date: 3/22/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,750	ManDays: 31	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31126-015)A.C. GENERATOR REQUIRES CLEANING	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. IN PLACE CLEAN, RINSE, & DRY THE ROTOR AND STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31126-016- -SSDG AC GEN BEARINGS-REPL			MJC: EXECQCZ5		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 27,360	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31126-016)BEARINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE SHIP SERVICE DIESEL GENERATOR SET. REPLACE BEARINGS, SEALS, AND GASKETS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31126-017- -SSDG FUEL INJECTORS - REPL				MJC: EXECQCZ6		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 72		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 12		Matl Cost: 12,100		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31126-017)FUEL INJECTOR REQUIRES REPLACEMENT				REMOVE AND REPLACE FUEL OIL INJECTORS ON SSDG ENGINE. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-31126-019- -SSDG VIB TST - MRC G1P1				MJC: EXECIHD2		Rev Date: 7/20/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 12		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 2		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31126-019)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31126-020- -SSDG LT WATER PMP - RPR				MJC: EXECQCZ7		Rev Date: 2/19/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 4,200		ManDays: 30		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31126-020)PUMP REQUIRES REPAIR				REMOVE, OPEN, CLEAN AND INSPECT THE LT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE LT WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.					

Task/Abbreviation: Q-31126-021- -SSDG LT WATER PMP - REPL				MJC: EXECQCZ8		Rev Date: 2/19/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 35,670		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31126-021)PUMP REQUIRES REPLACEMENT				REPLACE THE LT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31126-022- -SSDG HT WATER PMP - RPR				MJC: EXECQCZ9		Rev Date: 2/19/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 3,004		ManDays: 24		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31126-022)PUMP REQUIRES REPAIR	REMOVE, OPEN, CLEAN AND INSPECT THE HT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE HT WATER PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31126-023- -SSDG HT WATER PMP - REPL		MJC: EXECQD00	Rev Date: 2/19/2008		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 18,450	ManDays: 6	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-31126-023)PUMP REQUIRES REPLACEMENT	REPLACE THE HT WATER PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: Q-31126-024- -SSDG FUEL INJ PMPS - RPR				MJC: EXECQD03		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 72	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 12	Matl Cost: 15,500	ManDays: 40	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31126-024)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE FUEL INJECTION PUMP. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE FUEL INJECTION PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS ASSEMBLE PUMP USING NEW O-RINGS, RETAINING RINGS, SEALS AND WASHERS. ENSURE SATISFACTORY FUEL FLOW. ACCOMPLISH SATISFACTORY SHOP TEST ENSURING FULL-FUEL AND IDLE-FUEL CALIBRATION. TIME INJECTION PUMPS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: IF UNIT INJECTORS, REMOVE, TEST AND REPLACE.

Task/Abbreviation: I-31126-025- -SSDG CONTROL EQPT - MRC F3KA				MJC: EXECIIM8		Rev Date: 7/20/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31126-025)THE SHIP SERVICE DIESEL GENERATOR CONTROL EQUIPMENT REQUIRE ASSESSMENT.	ACCOMPLISH THE SHIP SERVICE DIESEL GENERATOR CONTROL EQUIPMENT ASSESSMENT IN ACCORDANCE WITH MRC F3KA AS FOLLOWS: 1. CLEAN AND INSPECT GENERATOR SET CONTROL EQUIPMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: D-31210-007- -SHIPALT LHD1 - 00259D - ACCOMP				MJC: EXECQCQ3		Rev Date: 2/21/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 315,990		ManDays: 1871		Alt No: SALHD 00259 D	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-31210-7) SHIPALT LHD1 - 00259D, SS/EDG AIR FILTER INSTALLATION, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1 - 00259D, WHICH INSTALLS A FILTER IN EACH COMBUSTION AIR INTAKE FOR SHIP'S SERVICE/EMERGENCY DIESEL GENERATORS.

Task/Abbreviation: I-31211-001- -EDG AC GEN - INSP/ TST**MJC:** EXECI237**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31211-001)THE EMERGENCY DIESEL GENERATOR
REQUIRES INSPECTIONACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE
EMERGENCY DIESEL GENERATOR. REPORT CONDITIONS FOUND TO
THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES.
B. GOVERNOR SYSTEM, OVERSPEED. C. GOVERNOR SYSTEM,
SPEED. D. LOAD TESTS (SINGLE/PARALLEL MODES), OPERATIONAL.
E. REGULATION SYSTEM, VOLTAGE. F. SYNCHRONIZING DEVICE
SYSTEM. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE
SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO,
BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31211-002- -EDG DSL ENG - RPR			MJC: EXECQ865		Rev Date: 4/23/2002
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,375	ManDays: 75	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-002)DIESEL ENGINE REQUIRES REPAIR	REPAIR EDG ENGINE PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE ENGINE AND ACCOMPLISH DESIGNATED REPAIRS. ON COMPLETION OF REPAIRS, REASSEMBLE ENGINE, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE ____ MANDAYS OF LABOR AND _____ DOLLARS OF MATERIAL FOR REPAIRS. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

Task/Abbreviation: Q-31211-003- -EDG AC GEN - RPR				MJC: EXECQ866		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,250		ManDays: 50		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-003)GENERATOR REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE FOLLOWING DESIGNATED COMPONENTS OF THE EMERGENCY DIESEL GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. UPON COMPLETION OF REPAIRS, REINSTALL COMPONENTS REPLACING MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. CONTROLLER / CONTROL PANEL B. COUPLING C. FOUNDATION D. GENERATOR E. INSTRUMENTATION F. MOTOR G. MOUNTS, RESILIENT (REPLACEMENT).

Task/Abbreviation: Q-31211-004- -EDG FUEL INJ/NOZ - RPR				MJC: EXECQB90		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 32		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 16		Matl Cost: 45		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-004)FUEL INJECTOR REQUIRES REPAIR	REPAIR THE FUEL INJECTORS OF THE EMERGENCY DIESEL ENGINE GENERATOR SET. REMOVE INJECTORS, DISASSEMBLE AND INSPECT INTERNAL PARTS. REPLACE WORN PARTS AND REASSEMBLE. PERFORM POP TEST AND REINSTALL ON ENGINE. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-005- -EDG ELECTRO-HYDR SPD GOV - RPR			MJC: EXECQB92		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-005)GOVERNOR REQUIRES REPAIR	ACCOMPLISH AUTHORIZED REPAIRS TO ELECTRO-HYDRAULIC SPEED GOV SYS OF THE EDG SET PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR IN- PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-006- -EDG LO CLR - RPR			MJC: EXECQB94		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-006)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31211-007- -EDG FW CLRS - RPR				MJC: EXECQB96		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-007)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31211-008- -EDG AFTCLR - RPR			MJC: EXECQB98		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-008)AFTERCOOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31211-009- -EDG AIR STG MOT - RPR			MJC: EXECQB00		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-009)AIR START MOTOR REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE AIR START MOTOR OF THE EDG ENGINE. REPLACE WORN AND DAMAGED PARTS. REASSEMBLE START MOTOR USING NEW GASKETS AND SEALS. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-31211-010- -EDG FUEL INJ PMP - RPR				MJC: EXECQB89		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 32	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 16	Matl Cost: 45	ManDays: 1	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-010)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE FUEL INJECTION PUMP. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE FUEL INJECTION PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS ASSEMBLE PUMP USING NEW O-RINGS, RETAINING RINGS, SEALS AND WASHERS. ENSURE SATISFACTORY FUEL FLOW. ACCOMPLISH SATISFACTORY SHOP TEST ENSURING FULL-FUEL AND IDLE-FUEL CALIBRATION. TIME INJECTION PUMPS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: IF UNIT INJECTORS, REMOVE, TEST AND REPLACE.

Task/Abbreviation: Q-31211-011- -EDG JKT WTR PMP - RPR			MJC: EXECQA30		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-011)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE JACKET WATER PUMP (ATTACHED) OF THE EMERGENCY DIESEL ENGINE GENERATOR SET. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. F. REPLACE THE JACKET WATER PUMP ASSEMBLY.

Task/Abbreviation: Q-31211-014- -EDG TURBOCHARGER - RPR			MJC: EXECQA42		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-014)TURBOCHARGER REQUIRES REPAIR	REPAIR THE EDG TURBOCHARGER. DISASSEMBLE, CLEAN AND INSPECT THE TURBOCHARGER COMPRESSOR END AND TURBINE END IAW TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO THE NSA. DRESS AND/OR REPAIR TURBINE ROTOR BLADING. INSPECT THE NOZZLE RING AND REPLACE IF DAMAGED. DRESS AND/OR REPAIR COMPRESSOR IMPELLER. REPLACE EACH BEARING ASSEMBLY. ON COMPLETION OF REPAIRS, ASSEMBLE TURBOCHARGER USING NEW GASKETS, O-RINGS AND SEALS. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31211-015- -EDG GEN AIR CLR - RPR			MJC: EXECQA48		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-015)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN AIR COOLER. J. MECHANICALLY-CLEAN AIR COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31211-016- -AC GEN TO EDG - ALIGN			MJC: EXECQA54		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-016)A.C. GENERATOR REQUIRES ALIGNMENT	ALIGN THE A.C. GENERATOR OF THE EMERGENCY DIESEL ENGINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND CLEARANCES AND ALIGNMENT DATA. ENSURE THE GENERATOR BEARING, FIELD ROTORS AND STATOR ARE ALL WITHIN THE SAME CENTERLINE. ALIGN FIELD ROTOR TO THE REDUCTION GEAR LOW SPEED SHAFT. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP INCLUDING FINAL ALIGNMENT READINGS. A. ACCOMPLISH REQUIRED ALIGNMENT CORRECTIONS. B. INSTALL NEW GENERATOR STATOR-TO-FOUNDATIONS DOWELS.

Task/Abbreviation: Q-31211-017- -ATCHD LO PMP - RPR			MJC: EXECQ159		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-017)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-31211-019- -POST DSL ENG OVHL INSP- ACCOMP				MJC: EXECI444	Rev Date: 7/20/2011
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool: N/A	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31211-019)DIESEL ENGINE REQUIRES A POST OVERHAUL/REPAIR INSPECTION	WHEN SIGNIFICANT MAINTENANCE HAS BEEN COMPLETED OR AN ENGINE OVERHAUL PERFORMED, A POST-ENGINE OVERHAUL/REPAIR INSPECTION SHALL BE CONDUCTED BY THE TYPE COMMANDER DIESEL ENGINE INSPECTOR PRIOR TO CONTINUOUS OPERATION. ACCOMPLISH POST DIESEL ENGINE OVERHAUL INSPECTION AS FOLLOWS: A. NOTIFY THE NSA TEN WORK DAYS PRIOR TO START UP OF ENGINE. B. REMOVE COMPONENTS FROM THE ENGINE AS DIRECTED BY THE DIESEL ENGINE INSPECTOR. C. ASSIST THE DIESEL ENGINE INSPECTOR IN TAKING CRANKSHAFT DEFLECTION AND THRUST READINGS. (NOTE: USE SMWG TEMPLATE #233-50 FOR GUIDANCE.) PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31211-020- -EDG DSL ENG - INSP/OP TST**MJC:** EXECICW4**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 18**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:** N/A**MCC:** 2

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 4.3 GC:28HAAC,MA:1363

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-31211-020)JOINT FLEET MAINTENANCE MANUAL
INST 4790.3 REQUIREMENT DUE.ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE
EMERGENCY DIESEL GENERATOR ENGINE IN ACCORDANCE WITH
OPNAVINST 9220.3, COMFLTFORCOMINST 4790.3 JOINT FLEET
MAINTENANCE MANUAL AND S9233-CJ-HBK-010 U.S. NAVY DIESEL
ENGINE INSPECTOR HANDBOOK. SHIPS FORCE TO PROVIDE A
MINIMUM OF TWO PERSONNEL TO ASSIST ACCOMPLISHMENT OF
INSPECTION. SHIPS FORCE ENGINEER TO BE INFORMED OF DATE
OF INSPECTION IN ORDER TO SCHEDULE ALL DIESEL INSPECTION
RELATED MAINTENANCE REQUIREMENTS. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: Q-31211-021- -EDG AFTCLR - PLUG TB			MJC: EXECJ311		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-021)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-022- -EDG AFTCLR - REPL TB BUNDLE				MJC: EXECJ313		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-022)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-023- -EDG AFTCLR - REPL TB				MJC: EXECJ315		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-023)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-024- -EDG AFTCLR - REPL ZINCS				MJC: EXECJ317		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31211-024)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31211-025- -EDG AFTCLR - REROLL TB			MJC: EXECJ319		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-025)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-026- -EDG AFTCLR - RPR TB SH			MJC: EXECJ321		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-026)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-027- -EDG AFTCLR-RPR TB SPRT PLTS			MJC: EXECJ323		Rev Date: 7/13/2004
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-027)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-028- -EDG FW CLRS - PLUG TB			MJC: EXECJ325		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-028)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-029- -EDG FW CLRS - REPL TB BUNDLE			MJC: EXECJ327		Rev Date: 7/13/2004
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-31211-029)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: Q-31211-030- -EDG FW CLRS - REPL TB			MJC: EXECJ329		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-030)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-031- -EDG FW CLRS - REPL ZINCS				MJC: EXECJ331		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31211-031)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31211-032- -EDG FW CLRS - REROLL TB			MJC: EXECJ333		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-032)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-033- -EDG FW CLRS - RPR TB SH				MJC: EXECJ335		Rev Date: 7/14/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 9		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-033)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-034- -EDG FW CLRS-RPR TB SPRT PLTS			MJC: EXECJ337		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-034)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-035- -EDG GEN AIR CLR - PLUG TB			MJC: EXECJ339		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-035)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-036- -EDG GEN AIR CLR - REPL BUNDLE			MJC: EXECJ341		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 13	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-036)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-037- -EDG GEN AIR CLR - REPL TB			MJC: EXECJ343		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-037)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-038- -EDG GEN AIR CLR - REPL ZINCS				MJC: EXECJ345		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31211-038)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31211-039- -EDG GEN AIR CLR - REROLL TB			MJC: EXECJ347		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-039)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-040- -EDG GEN AIR CLR - RPR TB SH				MJC: EXECJ349		Rev Date: 7/14/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 9		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-040)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-041- -EDG GEN AIR CLR-RPR TB SPRTS				MJC: EXECJ351		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 9		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-041)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-042- -EDG LO CLR - PLUG TB			MJC: EXECJ353		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-042)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-043- -EDG LO CLR - REPL TB BUNDLE				MJC: EXECJ355		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-043)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-044- -EDG LO CLR - REPL TB				MJC: EXECJ357		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-044)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-045- -EDG LO CLR - REPL ZINCS				MJC: EXECJ359		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31211-045)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31211-046- -EDG LO CLR - REROLL TB			MJC: EXECJ361		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-046)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-047- -EDG LO CLR - RPR TB SH				MJC: EXECJ363		Rev Date: 7/14/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 9		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-047)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-048- -EDG LO CLR-RPR TB SPRT PLTS				MJC: EXECJ365		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 9		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-048)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-049- -EDG AC GEN W/RTR RMV-CLN			MJC: EXECJC51		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-049)ROTOR ASSEMBLY REQUIRES REPAIR	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE EMERGENCY DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE BRUSH RIGGING AND ROTATING ASSEMBLIES. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. CLEAN BRUSH RIGGING. RECONDITION EXCITER AND MAIN ROTOR IN ACCORDANCE WITH THE REQUIREMENTS OF 009-17. REPAIR END BELLS. IN PLACE CLEAN, RINSE, & DRY THE STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. INSTALL NEW BEARINGS, SEALS AND GASKETS. INSTALL ROTATING ASSEMBLIES AND BRUSH RIGGING. ALIGN THE GENERATOR. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-050- -EDG AC GEN SET SLIP RINGS-REPL			MJC: EXECJC53		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-050)SLIP RINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE EMERGENCY DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. DISASSEMBLE. REMOVE BRUSH RIGGING. CLEAN BRUSH RIGGING. REPLACE SLIP RINGS. ALIGN THE GENERATOR. INSTALL BRUSH RIGGING. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-051- -EDG AC GEN SET BRUSHES-REPL			MJC: EXECJC55		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-051)BRUSHES REQUIRE REPLACEMENT	OPEN AND INSPECT THE A.C. GENERATOR OF THE EMERGENCY DIESEL GENERATOR SET. REPLACE AND ADJUST BRUSHES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-052- -EDG AC GEN RTD(S)-REPL			MJC: EXECJC57		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-052)RESISTIVE TEMPERATURE DETECTOR(S) (RTD) REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE EMERGENCY DIESEL GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-053- -EDG AC GEN IN PLACE-CLN				MJC: EXECJC59		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-053)A.C. GENERATOR REQUIRES CLEANING	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE EMERGENCY DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE BRUSH RIGGING. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. CLEAN BRUSH RIGGING. REPLACE OR MACHINE, CLEAN AND POLISH SLIP RINGS. IN PLACE CLEAN, RINSE, & DRY THE ROTOR AND STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. ALIGN THE GENERATOR. INSTALL BRUSH RIGGING. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-054- -EDG AC GEN BEARINGS-REPL			MJC: EXECJC61		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-054)BEARINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE EMERGENCY DIESEL GENERATOR SET. REPLACE BEARINGS, SEALS, AND GASKETS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-059- -ATCHD LO PMP (RTY GR) CSG-REPL				MJC: EXECJCJ1		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 90		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31211-059)PUMP CASING REQUIRES REPLACEMENT				OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ROTARY/GEAR) OF THE EMERGENCY DIESEL ENGINE GENERATOR SET. REPLACE THE OUTER CASING. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31211-060- -ATCHD LO PMP (RTY GR) INT-REPL			MJC: EXECJCJ2		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 270	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-060)PUMP INTERNALS REQUIRE REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ROTARY/GEAR) OF THE EMERGENCY DIESEL ENGINE GENERATOR SET. REPLACE PUMP INTERNALS AS A MATCHED SET (INTERNAL REPLACEMENT KIT) PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF INTERNAL REPLACEMENT REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31211-061- -EDG FUEL INJ - REPL				MJC: EXECJED5		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 32		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 16		Matl Cost: 45		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31211-061)FUEL INJECTOR REQUIRES REPLACEMENT				REMOVE AND REPLACE FUEL OIL INJECTORS ON EDG ENGINE. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31211-062- -EDG AIR STG MOT - REPL				MJC: EXECJED6		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 7,000		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31211-062)AIR START MOTOR REQUIRES REPLACEMENT				REPLACE THE AIR START MOTOR OF THE EDG ENGINE WITH A NEW UNIT.					

Task/Abbreviation: Q-31211-063- -AIR MOT BENDIX DRIVE -RPR				MJC: EXECJED7		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 200		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-063)AIR START MOTOR BENDIX DRIVE REQUIRES REPAIR	REPAIR THE BENDIX DRIVE OF THE EDG AIR STARTING MOTOR.

Task/Abbreviation: Q-31211-064- -AIR MOT BENDIX DRIVE -REPL				MJC: EXECJED8		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 300		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:		Problem Description:				Recommended Solution:			
BASELINE		(Q-31211-064)AIR START MOTOR BENDIX DRIVE REQUIRES REPLACEMENT				REPLACE THE BENDIX DRIVE OF THE EDG AIR STARTING MOTOR.			

Task/Abbreviation: Q-31211-065- -EDG AIR START VLV - RPR				MJC: EXECJED9		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 1,100		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-065)AIR START VALVE REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE AIR START VALVE OF THE EDG AIR STARTING MOTOR. REPLACE WORN PARTS. REASSEMBLE THE START VALVE USING NEW GASKETS AND SEALS. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31211-066- -EDG AIR START VLV - REPL			MJC: EXECJEE0		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 4,400	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-066)AIR START VALVE REQUIRES REPLACEMENT	REPLACE THE AIR START VALVE OF THE EDG AIR STARTING MOTOR.

Task/Abbreviation: Q-31211-067- -EDG TURBOCHARGER - REPL				MJC: EXECJEE1		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 225		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-067)TURBOCHARGER REQUIRES REPLACEMENT	REMOVE EDG TURBOCHARGER AND REPLACE WITH A NEW OR REBUILT UNIT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-31211-092- -EDG NO.1 VIB TST - MRC G1P1				MJC: EXECIGD9		Rev Date: 7/20/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31211-092)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31211-093- -EDG CRIT HOSE - REPL			MJC: EXECQCR5		Rev Date: 12/15/2009
RCM Analysis:		Scheduled: Y	Sit Reqs:	Qty: 0	Removal Required:
Lvl of Maint: 2	Freq: 240	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:		MCC: 2	
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31211-093) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE EMERGENCY DIESEL GENERATOR CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.	REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE EMERGENCY DIESEL GENERATOR CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A. REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B. FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C. REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D. ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E. INSTALL A NEW IDENTIFICATION TAG. F. INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G. ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: I-31212-001- -EDG AC GEN - INSP/ TST**MJC:** EXECI242**Rev Date:** 12/4/2007**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31212-001)THE EMERGENCY DIESEL GENERATOR
REQUIRES INSPECTIONACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE
EMERGENCY DIESEL GENERATOR. REPORT CONDITIONS FOUND TO
THE SHIP'S CSMP. TO INCLUDE: A. ALARM AND SAFETY DEVICES.
B. GOVERNOR SYSTEM, OVERSPEED. C. GOVERNOR SYSTEM,
SPEED. D. LOAD TESTS (SINGLE/PARALLEL MODES), OPERATIONAL.
E. REGULATION SYSTEM, VOLTAGE. F. SYNCHRONIZING DEVICE
SYSTEM. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE
SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO,
BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31212-002- -EDG DSL ENG - RPR			MJC: EXECQ978		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,375	ManDays: 75	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-002)DIESEL ENGINE REQUIRES REPAIR	REPAIR EDG ENGINE PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE ENGINE AND ACCOMPLISH DESIGNATED REPAIRS. ON COMPLETION OF REPAIRS, REASSEMBLE ENGINE, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE ____ MANDAYS OF LABOR AND _____ DOLLARS OF MATERIAL FOR REPAIRS. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

Task/Abbreviation: Q-31212-003- -EDG AC GEN - RPR			MJC: EXECQ979		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-003)GENERATOR REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE FOLLOWING DESIGNATED COMPONENTS OF THE EMERGENCY DIESEL GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. UPON COMPLETION OF REPAIRS, REINSTALL COMPONENTS REPLACING MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. CONTROLLER / CONTROL PANEL B. COUPLING C. FOUNDATION D. GENERATOR E. INSTRUMENTATION F. MOTOR G. MOUNTS, RESILIENT (REPLACEMENT).

Task/Abbreviation: Q-31212-004- -EDG FUEL INJ/NOZ - RPR				MJC: EXECQB91		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 32		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 16		Matl Cost: 45		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-004)FUEL INJECTOR REQUIRES REPAIR	REPAIR THE FUEL INJECTORS OF THE EMERGENCY DIESEL ENGINE GENERATOR SET. REMOVE INJECTORS, DISASSEMBLE AND INSPECT INTERNAL PARTS. REPLACE WORN PARTS AND REASSEMBLE. PERFORM POP TEST AND REINSTALL ON ENGINE. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-005- -EDG ELECTRO-HYDR SPD GOV - RPR			MJC: EXECQB93		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-005)GOVERNOR REQUIRES REPAIR	ACCOMPLISH AUTHORIZED REPAIRS TO ELECTRO-HYDRAULIC SPEED GOV SYS OF THE EDG SET PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR IN- PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-006- -EDG LO CLR - RPR				MJC: EXECQB95		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-006)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31212-007- -EDG FW CLRS - RPR				MJC: EXECQB97		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-007)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31212-008- -EDG AFTCLR - RPR			MJC: EXECQB99		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-008)AFTERCOOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31212-009- -EDG AIR STG MOT - RPR			MJC: EXECQB82		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-009)AIR START MOTOR REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE AIR START MOTOR OF THE EDG ENGINE. REPLACE WORN AND DAMAGED PARTS. REASSEMBLE START MOTOR USING NEW GASKETS AND SEALS. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-31212-010- -EDG FUEL INJ PMP - RPR				MJC: EXECQA00		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 32		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 16		Matl Cost: 45		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-010)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE FUEL INJECTION PUMP. REPORT CONDITIONS FOUND TO THE NSA. REPAIR THE FUEL INJECTION PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS ASSEMBLE PUMP USING NEW O-RINGS, RETAINING RINGS, SEALS AND WASHERS. ENSURE SATISFACTORY FUEL FLOW. ACCOMPLISH SATISFACTORY SHOP TEST ENSURING FULL-FUEL AND IDLE-FUEL CALIBRATION. TIME INJECTION PUMPS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: IF UNIT INJECTORS, REMOVE, TEST AND REPLACE.

Task/Abbreviation: Q-31212-011- -EDG JKT WTR PMP - RPR				MJC: EXECQA31		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-011)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE JACKET WATER PUMP (ATTACHED) OF THE EMERGENCY DIESEL ENGINE GENERATOR SET. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE PUMP USING NEW BEARINGS (RADIAL AND THRUST), GASKETS, KEYS, O-RINGS, WATERSEAL ASSEMBLY AND SEALS. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS. A. REPLACE SHAFT. B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE. F. REPLACE THE JACKET WATER PUMP ASSEMBLY.

Task/Abbreviation: Q-31212-014- -EDG TURBOCHARGER - RPR			MJC: EXECQA43		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-014)TURBOCHARGER REQUIRES REPAIR	REPAIR THE EDG TURBOCHARGER. DISASSEMBLE, CLEAN AND INSPECT THE TURBOCHARGER COMPRESSOR END AND TURBINE END IAW TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO THE NSA. DRESS AND/OR REPAIR TURBINE ROTOR BLADING. INSPECT THE NOZZLE RING AND REPLACE IF DAMAGED. DRESS AND/OR REPAIR COMPRESSOR IMPELLER. REPLACE EACH BEARING ASSEMBLY. ON COMPLETION OF REPAIRS, ASSEMBLE TURBOCHARGER USING NEW GASKETS, O-RINGS AND SEALS. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31212-015- -EDG GEN AIR CLR - RPR			MJC: EXECQA49		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-015)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN AIR COOLER. J. MECHANICALLY-CLEAN AIR COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-31212-016- -AC GEN TO EDG - ALIGN			MJC: EXECQA55		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-016)A.C. GENERATOR REQUIRES ALIGNMENT	ALIGN THE A.C. GENERATOR OF THE EMERGENCY DIESEL ENGINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS-FOUND CLEARANCES AND ALIGNMENT DATA. ENSURE THE GENERATOR BEARING, FIELD ROTORS AND STATOR ARE ALL WITHIN THE SAME CENTERLINE. ALIGN FIELD ROTOR TO THE REDUCTION GEAR LOW SPEED SHAFT. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP INCLUDING FINAL ALIGNMENT READINGS. A. ACCOMPLISH REQUIRED ALIGNMENT CORRECTIONS. B. INSTALL NEW GENERATOR STATOR-TO-FOUNDATIONS DOWELS.

Task/Abbreviation: Q-31212-017- -ATCHD LO PMP - RPR				MJC: EXECQ160		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 360		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-017)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-31212-019- -POST DSL ENG OVHL INSP- ACCOMP**MJC:** EXECI445**Rev Date:** 6/23/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31212-019)DIESEL ENGINE REQUIRES A POST OVERHAUL/REPAIR INSPECTION

WHEN SIGNIFICANT MAINTENANCE HAS BEEN COMPLETED OR AN ENGINE OVERHAUL PERFORMED, A POST-ENGINE OVERHAUL/REPAIR INSPECTION SHALL BE CONDUCTED BY THE TYPE COMMANDER DIESEL ENGINE INSPECTOR PRIOR TO CONTINUOUS OPERATION. ACCOMPLISH POST DIESEL ENGINE OVERHAUL INSPECTION AS FOLLOWS: A. NOTIFY THE NSA TEN WORK DAYS PRIOR TO START UP OF ENGINE. B. REMOVE COMPONENTS FROM THE ENGINE AS DIRECTED BY THE DIESEL ENGINE INSPECTOR. C. ASSIST THE DIESEL ENGINE INSPECTOR IN TAKING CRANKSHAFT DEFLECTION AND THRUST READINGS. (NOTE: USE SMWG TEMPLATE #233-50 FOR GUIDANCE.) PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31212-020- -EDG DSL ENG - INSP/OP TST			MJC: EXECICW5		Rev Date: 7/24/2007
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 18	Equip/Task: 1	Matl Cost:	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool: N/A	MCC: 2		

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 4.3 GC:28HAAC,MA:1363

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31212-020)JOINT FLEET MAINTENANCE MANUAL INST 4790.3 REQUIREMENT DUE.	ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE EMERGENCY DIESEL GENERATOR ENGINE IN ACCORDANCE WITH OPNAVINST 9220.3, COMFLTFORCOMINST 4790.3 JOINT FLEET MAINTENANCE MANUAL AND S9233-CJ-HBK-010 U.S. NAVY DIESEL ENGINE INSPECTOR HANDBOOK. SHIPS FORCE TO PROVIDE A MINIMUM OF TWO PERSONNEL TO ASSIST ACCOMPLISHMENT OF INSPECTION. SHIPS FORCE ENGINEER TO BE INFORMED OF DATE OF INSPECTION IN ORDER TO SCHEDULE ALL DIESEL INSPECTION RELATED MAINTENANCE REQUIREMENTS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31212-021- -EDG AFTCLR - PLUG TB			MJC: EXECJ312		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-021)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-022- -EDG AFTCLR - REPL TB BUNDLE			MJC: EXECJ314		Rev Date: 7/13/2004
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-022)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-023- -EDG AFTCLR - REPL TB				MJC: EXECJ316		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-023)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-024- -EDG AFTCLR - REPL ZINCS				MJC: EXECJ318		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31212-024)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31212-025- -EDG AFTCLR - REROLL TB			MJC: EXECJ320		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-025)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-026- -EDG AFTCLR - RPR TB SH			MJC: EXECJ322		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-026)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-027- -EDG AFTCLR-RPR TB SPRT PLTS			MJC: EXECJ324		Rev Date: 7/13/2004
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-027)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-028- -EDG FW CLRS - PLUG TB			MJC: EXECJ326		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-028)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-029- -EDG FW CLRS - REPL TB BUNDLE				MJC: EXECJ328		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31212-029)COOLER TUBE BUNDLE REQUIRES REPLACEMENT				REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31212-030- -EDG FW CLRS - REPL TB			MJC: EXECJ330		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-030)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-031- -EDG FW CLRS - REPL ZINCS				MJC: EXECJ332		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-031)ZINCS REQUIRE REPLACEMENT	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-032- -EDG FW CLRS - REROLL TB			MJC: EXECJ334		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-032)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-033- -EDG FW CLRS - RPR TB SH			MJC: EXECJ336		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-033)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-034- -EDG FW CLRS-RPR TB SPRT PLTS			MJC: EXECJ338		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-034)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-035- -EDG GEN AIR CLR - PLUG TB			MJC: EXECJ340		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-035)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-036- -EDG GEN AIR CLR - REPL BUNDLE				MJC: EXECJ342		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 13		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-036)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-037- -EDG GEN AIR CLR - REPL TB				MJC: EXECJ344		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-037)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-038- -EDG GEN AIR CLR - REPL ZINCS				MJC: EXECJ346		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-038)ZINCS REQUIRE REPLACEMENT	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-039- -EDG GEN AIR CLR - REROLL TB			MJC: EXECJ348		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-039)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-040- -EDG GEN AIR CLR - RPR TB SH			MJC: EXECJ350		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-040)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-041- -EDG GEN AIR CLR-RPR TB SPRTS				MJC: EXECJ352		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 9		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-041)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-042- -EDG LO CLR - PLUG TB			MJC: EXECJ354		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-042)COOLER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-043- -EDG LO CLR - REPL TB BUNDLE				MJC: EXECJ356		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-043)COOLER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-044- -EDG LO CLR - REPL TB			MJC: EXECJ358		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-044)COOLER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-045- -EDG LO CLR - REPL ZINCS				MJC: EXECJ360		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-045)ZINCS REQUIRE REPLACEMENT	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-046- -EDG LO CLR - REROLL TB			MJC: EXECJ362		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-046)COOLER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-047- -EDG LO CLR - RPR TB SH			MJC: EXECJ364		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-047)COOLER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-048- -EDG LO CLR-RPR TB SPRT PLTS			MJC: EXECJ366		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-048)COOLER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-049- -EDG AC GEN W/RTR RMV-CLN			MJC: EXECJC52		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-049)ROTOR ASSEMBLY REQUIRES REPAIR	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE EMERGENCY DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE BRUSH RIGGING AND ROTATING ASSEMBLIES. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. CLEAN BRUSH RIGGING. RECONDITION EXCITER AND MAIN ROTOR IN ACCORDANCE WITH THE REQUIREMENTS OF 009-17. REPAIR END BELLS. IN PLACE CLEAN, RINSE, & DRY THE STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. INSTALL NEW BEARINGS, SEALS AND GASKETS. INSTALL ROTATING ASSEMBLIES AND BRUSH RIGGING. ALIGN THE GENERATOR. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-050- -EDG AC GEN SET SLIP RINGS-REPL			MJC: EXECJC54		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-050)SLIP RINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE EMERGENCY DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. DISASSEMBLE. REMOVE BRUSH RIGGING. CLEAN BRUSH RIGGING. REPLACE SLIP RINGS. ALIGN THE GENERATOR. INSTALL BRUSH RIGGING. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-051- -EDG AC GEN SET BRUSHES-REPL			MJC: EXECJC56		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-051)BRUSHES REQUIRE REPLACEMENT	OPEN AND INSPECT THE A.C. GENERATOR OF THE EMERGENCY DIESEL GENERATOR SET. REPLACE AND ADJUST BRUSHES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-052- -EDG AC GEN RTD(S)-REPL				MJC: EXECJC58		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-052)RESISTIVE TEMPERATURE DETECTOR(S) (RTD) REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE EMERGENCY DIESEL GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-053- -EDG AC GEN IN PLACE-CLN			MJC: EXECJC60		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-053)A.C. GENERATOR REQUIRES CLEANING	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE EMERGENCY DIESEL GENERATOR SET. DISCONNECT SOLID STATE DEVICES. MEASURE INSULATION RESISTANCE OF WINDINGS. VERIFY CONTINUITY OF RTD CIRCUITRY. REMOVE BRUSH RIGGING. PROTECT PARTS SUSCEPTIBLE TO WATER INTRUSION. CLEAN BRUSH RIGGING. REPLACE OR MACHINE, CLEAN AND POLISH SLIP RINGS. IN PLACE CLEAN, RINSE, & DRY THE ROTOR AND STATOR. MONITOR INSULATION RESISTANCE DURING DRYING PROCESS. ALIGN THE GENERATOR. INSTALL BRUSH RIGGING. INSTALL AND ADJUST NEW BRUSHES. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, INSULATION RESISTANCE, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-054- -EDG AC GEN BEARINGS-REPL				MJC: EXECJC62		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,250		ManDays: 50		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-054)BEARINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE EMERGENCY DIESEL GENERATOR SET. REPLACE BEARINGS, SEALS, AND GASKETS. ALIGN THE GENERATOR. MEASURE AND RECORD THE FINAL AIR GAP AND BEARING CLEARANCES, AND THRUST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-059- -ATCHD LO PMP (RTY GR) CSG-REPL				MJC: EXECJCJ7		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 90		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31212-059)PUMP CASING REQUIRES REPLACEMENT				OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ROTARY/GEAR) OF THE EMERGENCY DIESEL ENGINE GENERATOR SET. REPLACE THE OUTER CASING. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31212-060- -ATCHD LO PMP (RTY GR) INT-REPL				MJC: EXECJCJ8		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 270		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-060)PUMP INTERNALS REQUIRE REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ATTACHED LUBE OIL PUMP (ROTARY/GEAR) OF THE EMERGENCY DIESEL ENGINE GENERATOR SET. REPLACE PUMP INTERNALS AS A MATCHED SET (INTERNAL REPLACEMENT KIT) PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF INTERNAL REPLACEMENT REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-061- -EDG FUEL INJ - REPL				MJC: EXECJ683		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 32	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 16	Matl Cost: 45	ManDays: 1	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-061)FUEL INJECTOR REQUIRES REPLACEMENT	REMOVE AND REPLACE FUEL OIL INJECTORS ON EDG ENGINE. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31212-062- -EDG AIR STG MOT - REPL				MJC: EXECJ688		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 7,000		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31212-062)AIR START MOTOR REQUIRES REPLACEMENT				REPLACE THE AIR START MOTOR OF THE EDG ENGINE WITH A NEW UNIT.					

Task/Abbreviation: Q-31212-063- -AIR MOT BENDIX DRIVE -RPR				MJC: EXECJ693		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 200		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-063)AIR START MOTOR BENDIX DRIVE REQUIRES REPAIR	REPAIR THE BENDIX DRIVE OF THE EDG AIR STARTING MOTOR.

Task/Abbreviation: Q-31212-064- -AIR MOT BENDIX DRIVE -REPL			MJC: EXECJ698		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 300	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-064)AIR START MOTOR BENDIX DRIVE REQUIRES REPLACEMENT	REPLACE THE BENDIX DRIVE OF THE EDG AIR STARTING MOTOR.

Task/Abbreviation: Q-31212-065- -EDG AIR START VLV - RPR			MJC: EXECJ703		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,100	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-065)AIR START VALVE REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE AIR START VALVE OF THE EDG AIR STARTING MOTOR. REPLACE WORN PARTS. REASSEMBLE THE START VALVE USING NEW GASKETS AND SEALS. ACCOMPLISH SATISFACTORY OPERATIONAL TESTS.

Task/Abbreviation: Q-31212-066- -EDG AIR START VLV - REPL				MJC: EXECJ708		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 4,400		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31212-066)AIR START VALVE REQUIRES REPLACEMENT				REPLACE THE AIR START VALVE OF THE EDG AIR STARTING MOTOR.					

Task/Abbreviation: Q-31212-067- -EDG TURBOCHARGER - REPL				MJC: EXECJ713		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 225		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31212-067)TURBOCHARGER REQUIRES REPLACEMENT				REMOVE EDG TURBOCHARGER AND REPLACE WITH A NEW OR REBUILT UNIT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-31212-087- -EDG NO.2 VIB TST - MRC G1P1			MJC: EXECIGE0		Rev Date: 2/29/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31212-087)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31212-088- -EDG CRIT HOSE - REPL			MJC: EXECQCR6		Rev Date: 12/15/2009	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty: 0	Removal Required:
Lvl of Maint: 2	Freq: 240	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265						

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31212-088) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE EMERGENCY DIESEL GENERATOR CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.	REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE EMERGENCY DIESEL GENERATOR CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A. REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B. FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C. REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D. ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E. INSTALL A NEW IDENTIFICATION TAG. F. INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G. ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: I-31311-001- -UPS - INSP/ TST			MJC: EXECI124		Rev Date: 4/24/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31311-001)THE UNINTERRUPTABLE POWER (UPS) SYSTEM REQUIRES INSPECTION	INSPECT AND TEST THE UNINTERRUPTABLE POWER SYSTEM (UPS). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE: A. BATTERIES B. CABLES C. CHARGER, BATTERY D. CONTROLLER E. FOUNDATION AND RACKS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-31311-002- -UPS BATTERIES - REPL				MJC: EXECQ356		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: X		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: X		Matl Cost: 45		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31311-002)UPS BATTERIES REQUIRE REPLACEMENT	REPLACE THE BATTERIES OF THE UNINTERRUPTABLE POWER SYSTEM (UPS) PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS FOLLOWS: A. DISCONNECT BATTERIES (ELECTRICALLY AND MECHANICALLY). B. IDENTIFY AND RETAIN JUMPERS, HOLD-DOWN CLAMPS AND SPACERS. C. CLEAN BATTERIES, JUMPER TERMINALS AND RACKS. D. INSTALL NEW CRES FASTENERS (MIL-S-12222, TYPE I, GRADE 304) E. ACCOMPLISH AN EQUALIZING CHARGE. (NOT APPLICABLE TO MAINTENACE FREE BATTERIES) F. OPERATIONALLY-TEST SYSTEM.

Task/Abbreviation: I-31311-010- -PORT STOR BTRY - MRC 4FLE			MJC: EXECIFM0		Rev Date: 7/22/2005					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31311-010)THE PORTABLE STORAGE BATTERY REQUIRES ASSESSMENT.	ACCOMPLISH THE PORTABLE STORAGE BATTERY ASSESSMENT IN ACCORDANCE WITH MRC 4FLE AS FOLLOWS: 1. MEASURE PORTABLE STORAGE BATTERY ELECTROLYTE SPECIFIC GRAVITY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31311-011- -BATTERY CHARGER - MRC 4FLK			MJC: EXECIFM2		Rev Date: 8/23/2007
RCM Analysis: 2/7/2005		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31311-011)THE BATTERY CHARGER REQUIRES ASSESSMENT.	ACCOMPLISH THE BATTERY CHARGER ASSESSMENT IN ACCORDANCE WITH MRC 4FLK AS FOLLOWS: 1. CLEAN AND INSPECT BATTERY CHARGER. 2. MEASURE INSULATION RESISTANCE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31311-012- -BATTERY CHARGER - MRC 6BWQ			MJC: EXECIFM3		Rev Date: 8/23/2007					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31311-012)THE BATTERY CHARGER VENTILATION INTERLOCKS REQUIRES ASSESSMENT.	ACCOMPLISH THE BATTERY CHARGER VENTILATION INTERLOCKS ASSESSMENT IN ACCORDANCE WITH MRC 6BWQ AS FOLLOWS: 1. TEST OPERATE BATTERY CHARGER VENTILATION INTERLOCKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-31431-001- -STATIC FREQ CONV - INSP/TST**MJC:** EXECI126**Rev Date:** 10/27/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31431-001)THE STATIC FREQUENCY
CONVERTERS REQUIRE INSPECTIONACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE
STATIC FREQUENCY CONVERTERS. REPORT CONDITIONS FOUND
TO THE SHIP'S CSMP TO INCLUDE: A. AIR INTAKES B. CX 33A33G
FANS C. HEAT EXCHANGERS (AIR OR WATER-COOLED) D. DISTILLED
WATER CENTRIFUGAL PUMPS E. CALIBRATE PANEL METERS F.
ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: I-31431-042- -NSSMS V REG - MRC T2D6			MJC: EXECIFK8		Rev Date: 2/23/2011					
RCM Analysis: 11/1/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 2	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31431-042)THE LINE VOLTAGE REGULATOR NATO SEA SPARROW MISSILE SYSTEM (NSSMS) REQUIRES ASSESSMENT.	ACCOMPLISH THE LINE VOLTAGE REGULATOR NATO SEA SPARROW MISSILE SYSTEM (NSSMS) ASSESSMENT IN ACCORDANCE WITH MRC T2D6 AS FOLLOWS: 1. PERFORM LINE VOLTAGE REGULATOR COLD CHECKS. 2. PERFORM LINE VOLTAGE REGULATOR OPERATIONAL CHECKS. 3. TEST LINE VOLTAGE REGULATOR MANUAL BUSS TRANSFER (MBT) SHUNT TRIPS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-32111-001- -CABLES/CABLEWAY - INSP			MJC: EXECI127		Rev Date: 8/24/2011	
RCM Analysis:		Scheduled: Y	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 27	Equip/Task: 1	Matl Cost:	ManDays: 35	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-32111-001)CABLE AND CABLEWAY INSPECTIONS ARE REQUIRED TO BE ACCOMPLISHED IAW NAVSEAINST 9304.1D	WITHIN 12 MONTHS PRIOR TO THE START OF AN INDUSTRIAL AVAILABILITY LONGER THAN 6 WEEKS NAVSEAINST 9304.1D SHIPBOARD ELECTRICAL CABLE AND CABLEWAY INSPECTION AND REPORTING PROCEDURES SHALL BE ACCOMPLISHED. CABLES AND CABLEWAYS ARE REQUIRED TO BE IAW DOD-STD-2003 ELECTRICAL PLANT INSTALLATION STANDARDS METHODS. IDENTIFY DISCREPANCIES AS CATEGORY 1, 2 OR 3. CATEGORY 1 ITEMS: ITEMS WHICH ARE, OR HAVE THE IMMEDIATE POTENTIAL TO BE PERSONNEL SAFETY HAZARDS, ELECTRICAL FIRE HAZARDS OR WHICH NEGATE FIREBREAK AND/OR CONTAINMENT INTEGRITY SHALL BE REPORTED TO THE SHIP'S CO AND CORRECTED IMMEDIATELY. REPORT ALL CATEGORY 1, 2, AND 3 DISCREPANCIES TO THE SHIP'S CO AND CHIEF ENGINEER, TYCOM, AND HOMEPORT RMC-MAINTENANCE TEAM. DOCUMENT ALL CATEGORY 1, 2, AND 3 DISCREPANCIES IN THE SHIP'S CSMP.

Task/Abbreviation: I-32111-022- -CONGESTED CABLEWAY - IR SURVEY**MJC:** EXECIIX7**Rev Date:** 1/28/2010**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 36**Equip/Task:** 1**Matl Cost:****ManDays:** 35**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-32111-022)THE CONGESTED CABLEWAYS
REQUIRE INFRARED SURVEY/INSPECTION.ACCOMPLISH A PERIODIC INFRARED (IR) SURVEY/INSPECTION OF
THE CABLEWAYS FOR HOTSPOTS INDICATIVE OF HIGH RESISTANCE
CONNECTIONS AND CHAFFED CABLES EVERY 36 MONTHS ON
HIGHLY CONGESTED CABLEWAYS, WHERE THE CABLES ARE
MAKING CONTACT WITH EQUIPMENT OR EACH OTHER IN SUCH A
MANNER TO CAUSE EXCESSIVE BENDING OR STRESS ON THE
CABLES. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE
SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO,
BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-32111-028- -INPROCESS/FINAL CABLEWAY-INSP			MJC: EXECIJ87		Rev Date: 12/6/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 100	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-32111-028)IN-PROCESS AND FINAL CABLEWAY INSPECTIONS ARE REQUIRED TO BE ACCOMPLISHED DURING CNO AVAILABILITIES IN ACCORDANCE WITH NAVSEAINST 9304.1D.	STANDARD WORK TEMPLATE (SWT) 300-002 SHALL BE INCLUDED IN AVAILABILITY WORK PACKAGE TO MEET THE REQUIREMENT OF IN-PROCESS AND FINAL CABLEWAY INSPECTION IN AREAS AFFECTED BY THE CONTRACT OR WORK PACKAGE AS DETAILED IN NAVSEAINST 9304.1D (SHIPBOARD ELECTRICAL CABLE AND CABLEWAY INSPECTION AND REPORTING PROCEDURES).

Task/Abbreviation: I-32125-001- -HESS/AESS STATION - INSP				MJC: EXECI425		Rev Date: 6/27/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 11		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-32125-001)HESS/AESS STATION REQUIRES INSPECTION	INSPECT AND CONDUCT LOAD BANK TESTING OF THE HELICOPTER ELECTRICAL SERVICING STATION (HESS) AND/OR AIRCRAFT ELECTRICAL SERVICING STATION (AESS). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-32125-002- -HESS/AESS STATION - RPR				MJC: EXECQAV4		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 11		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,125		ManDays: 25		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-32125-002)HESS/AESS STATION REQUIRES REPAIR	REPAIR HESS/AESS STATION AS FOLLOWS: A. REPAIR STATION ENCLOSURE AND COVER. B. REPLACE DAMAGED POWER CABLES. C. REPAIR POWER SUPPLY. D. REPLACE LINE VOLTAGE REGULATOR. E. REPLACE LOAD MONITOR. F. REPLACE CIRCUIT BREAKER. G. PRESERVE EXTERIOR SURFACES IN ACCORDANCE WITH NAVSEA STANDARD ITEM (SI) 009-32.

Task/Abbreviation: Q-32125-003- -HESS/AESS STATION ENCL/COV-RPR			MJC: EXECJAL0		Rev Date: 5/26/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 11	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-32125-003)HESS/AESS STATION ENCLOSURE REQUIRES REPAIR	REPAIR HESS/AESS STATION ENCLOSURE AND COVER.			

Task/Abbreviation: Q-32125-004- -HESS/AESS STA (PWR CABLE)-REPL				MJC: EXECJAL1		Rev Date: 5/27/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 11		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,125		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-32125-004)POWER CABLE REQUIRES REPLACEMENT				REPLACE HESS/AESS STATION DAMAGED POWER CABLES.					

Task/Abbreviation: Q-32125-005- -HESS/AESS STA (PS) - RPR			MJC: EXECJAL2		Rev Date: 5/27/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 11	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-32125-005)HESS/AESS STATION POWER SUPPLY REQUIRES REPAIR	REPAIR HESS/AESS STATION POWER SUPPLY. UPON COMPLETION, ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: Q-32125-006- -HESS/AESS STA (V REG)- REPLACE			MJC: EXECJAL3		Rev Date: 5/27/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 11	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-32125-006)VOLTAGE REGULATOR REQUIRES REPLACEMENT	REPLACE HESS/AESS STATION VOLTAGE REGULATOR. UPON COMPLETION, ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: Q-32125-007- -HESS/AESS STA (LD MON)-REPLACE			MJC: EXECJAL4		Rev Date: 5/27/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 11	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-32125-007)LOAD MONITIR REQUIRES REPLACEMENT	REPLACE HESS/AESS STATION LOAD MONITOR. UPON COMPLETION, ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: Q-32125-008- -HESS/AESS STA (CKT BRKR)-REPL				MJC: EXECJAL5		Rev Date: 5/27/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 11		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,125		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-32125-008)CIRCUIT BREAKER REQUIRES REPLACEMENT				REPLACE HESS/AESS STATION CIRCUIT BREAKER.					

Task/Abbreviation: Q-32125-009- -HESS/AESS STATION - PRESERVE			MJC: EXECJAL6		Rev Date: 5/27/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 11	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-32125-009)HESS/AESS STATION REQUIRES PRESERVATION	PRESERVE HESS/AESS STATION EXTERIOR SURFACES IN ACCORDANCE WITH NAVSEA STANDARD ITEM (SI) 009-32.			

Task/Abbreviation: I-32125-010- -HESS/AESS STATION - MRC 8THB			MJC: EXECI817		Rev Date: 7/20/2007					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-32125-010)THE 115VAC 400HZ & 28VDC POWER DISTRIBUTION REQUIRES ASSESSMENT.	ACCOMPLISH THE 115VAC 400HZ & 28VDC POWER DISTRIBUTION ASSESSMENT IN ACCORDANCE WITH MRC 8THB AS FOLLOWS: 1. MEASURE OUTPUT VOLTAGE. 2. ADJUST OUTPUT VOLTAGE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-32125-011- -HESS/AESS STATION - MRC 8THC**MJC:** EXECI818**Rev Date:** 8/30/2007**RCM Analysis:** 2/7/2005**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-32125-011)THE 115VAC 400HZ & 28VDC POWER DISTRIBUTION REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE 115VAC 400HZ & 28VDC POWER DISTRIBUTION ASSESSMENT IN ACCORDANCE WITH MRC 8THC AS FOLLOWS: 1. INSPECT 400HZ AND 28VDC CABLES. 2. MEASURE 400HZ AND 28VDC CABLE INSULATION RESISTANCE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-32125-012- -HESS/AESS STATION - MRC 8THD			MJC: EXECI819		Rev Date: 8/30/2007					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-32125-012)THE 115VAC 400HZ & 28VDC POWER DISTRIBUTION REQUIRES ASSESSMENT.	ACCOMPLISH THE 115VAC 400HZ & 28VDC POWER DISTRIBUTION ASSESSMENT IN ACCORDANCE WITH MRC 8THD AS FOLLOWS: 1. CLEAN AND INSPECT LINE VOLTAGE REGULATORS; MEASURE LINE VOLTAGES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-32125-013- -HESS/AESS STATION - MRC 8THE			MJC: EXECI820		Rev Date: 3/18/2008
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-32125-013)THE 115VAC 400HZ & 28VDC POWER DISTRIBUTION REQUIRES ASSESSMENT.	ACCOMPLISH THE 115VAC 400HZ & 28VDC POWER DISTRIBUTION ASSESSMENT IN ACCORDANCE WITH MRC 8THE AS FOLLOWS: 1. CLEAN AND INSPECT LINE VOLTAGE/FREQUENCY MONITOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-32125-014- -HESS/AESS STATION - MRC 8THG**MJC:** EXECI821**Rev Date:** 8/30/2007**RCM Analysis:** 2/7/2005**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-32125-014)THE 115VAC 400HZ & 28VDC POWER DISTRIBUTION REQUIRES ASSESSMENT.

ACCOMPLISH THE 115VAC 400HZ & 28VDC POWER DISTRIBUTION ASSESSMENT IN ACCORDANCE WITH MRC 8THG AS FOLLOWS: 1. CLEAN AND INSPECT AVAILABLE LOAD MONITOR (ALM) AND TEST ALM TRIP TIME DELAY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-32125-015- -HESS/AESS STATION - MRC 8WPH			MJC: EXECI822		Rev Date: 8/30/2007
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-32125-015)THE 115VAC 400HZ & 28VDC POWER DISTRIBUTION REQUIRES ASSESSMENT.	ACCOMPLISH THE 115VAC 400HZ & 28VDC POWER DISTRIBUTION ASSESSMENT IN ACCORDANCE WITH MRC 8WPH AS FOLLOWS: 1. CLEAN AND INSPECT MASTER (ON/OFF) SWITCH. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-32125-016- -HESS/AESS STATION - MRC 8WPJ			MJC: EXECI823		Rev Date: 8/30/2007
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-32125-016)THE 115VAC 400HZ & 28VDC POWER DISTRIBUTION REQUIRES ASSESSMENT.	ACCOMPLISH THE 115VAC 400HZ & 28VDC POWER DISTRIBUTION ASSESSMENT IN ACCORDANCE WITH MRC 8WPJ AS FOLLOWS: 1. CLEAN AND INSPECT CABLE CONNECTION BOX. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-32125-017- -HESS/AESS STATION - MRC 8XTR**MJC:** EXECI824**Rev Date:** 8/30/2007**RCM Analysis:** 2/7/2005**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-32125-017)THE 115VAC 400HZ & 28VDC POWER DISTRIBUTION REQUIRES ASSESSMENT.

ACCOMPLISH THE 115VAC 400HZ & 28VDC POWER DISTRIBUTION ASSESSMENT IN ACCORDANCE WITH MRC 8XTR AS FOLLOWS: 1. CLEAN AND INSPECT 28VDC POWER SUPPLY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-32125-018- -HESS/AESS STATION - MRC T1K5			MJC: EXECI824		Rev Date: 9/5/2007
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-32125-018)THE 115VAC, 400HZ POWER DIST. 28VDC POWER DIST. 3211 REQUIRES ASSESSMENT.	ACCOMPLISH THE 115VAC, 400HZ POWER DIST. 28VDC POWER DIST. ASSESSMENT IN ACCORDANCE WITH MRC T1K5 AS FOLLOWS: 1. PERFORM MATERIAL CONDITION INSPECTION. 2. START UNIT AND TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-32125-019- -SHIPALT LHD1-71492K - ACCOMP**MJC:** EXSAK957**Rev Date:** 7/22/2010**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 0**Alt No:** SA LHD1-71492K**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-32125-19) SHIPALT LHD1-71492K, HESS (400HZ)
LINE VOLTAGE REGU, NOT ACCOMPLISHEDACCOMPLISH SHIPALT LHD1-71492K WHICH REPLACES THE
EXISTING HESS SPECIAL RATIO TRANSFORMERS WITH LINE
VOLTAGE REFULATORS THAT WILL PROVIDE UP TO 30KVA OF
REGULATED 115VAC TO SUPPORT MMH-60 AND MV-22 OSPREY FOR
MAINTENANCE AND PRE-FLIGHT OPERATIONS. ALL HESS STATIONS
IN THE HANGAR BAY AND ON THE FLIGHT DECK WILL RECEIVE THIS
UPGRADE. THIS ALTERATION ALSO INSTALLS A NEW SERVICING
CABLE AND DISCONNECT SWITCH ON ALL HESS STATIONS. THE
NEW CABLE WILL INCREASE THE POWER CAPACITY OF THE
STATIONS, DELIVER BETTER POWER QUALITY, AND ELIMINATE THE
UNBALANCED VOLTAGE DROP ASSOCIATED WITH THE EXISTING
CVSF-4 CABLES. THE CABLE HEAD WILL PROVIDE REMOTE
START/STOP CAPABILITY AND PROVIDE A NEW TYPE OF SAFETY
INTERLOCK THAT REPLACES THE AVAILABLE LOAD MONITOR. THE
DISCONNECT SWITCH WILL REPLACE THE EXISTING OBSOLETE
MOTOR OPERATED CIRCUIT BREAKER WITH A CONTACTOR. POC:
HARRY SEARCH, 202-781-0842, HARRY.SEARCH@NAVY.MIL OR
STEVE PETA, 215-897-8203, STEVE.PETA@NAVY.MIL.

Task/Abbreviation: K-32125-020- -SHIPALT LHD1-71497K - ACCOMP**MJC:** EXSAK958**Rev Date:** 7/22/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10**ManDays:** 10**Alt No:** SA LHD1-71497K**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-32125-20) SHIPALT LHD1-71497K, AESS (270VDC)
FOR THE F-35 JOI, NOT ACCOMPLISHEDACCOMPLISH SHIPALT LHD1-71497K WHICH INSTALLS A 270 VDC
POWER SUPPLY AT ALL AESS STATIONS IN THE HANGAR BAY AND
SIX FLIGHT DECK STATIONS TO SUPPORT F-35 POWER
REQUIREMENTS. THE 270 VDC POWER SUPPLY WILL INTERFACE
WITH THE 45 KVA LINE VOLTAGE REGULATOR UPGRADE (SCD 1492)
TO FORM A DUAL OUTPUT AESS THAT WILL SUPPORT 400HZ AND
270VDC AIRCRAFT FROM THE SAME STATION. A SINGLE SERVICE
CABLE WILL BE USED IN CONJUNCTION WITH A SMART BUS
TRANSFER DEVICE AND CABLE HEAD ADAPTER THAT WILL
AUTOMATICALLY DETECT WHAT TYPE OF POWER IS REQUIRED AND
SWITCH ACCORDINGLY. TWO INTERLOCKS WILL ENSURE THAT THE
PROPER TYPE OF POWER IS APPLIED TO THE AIRCRAFT. POC:
HARRY SEARCH, 202-781-0842, HARRY.SEARCH@NAVY.MIL OR
STEVE. PETA, 215-897-8203 , STEVE.PETA@NAVY.MIL.

Task/Abbreviation: I-32125-021- -AESS LOAD TEST/CERT - MRC T4E3**MJC:** EXECIJ61**Rev Date:** 9/28/2010**RCM Analysis:** 2/1/2010**Scheduled:** Y**Sit Reqs:****Qty:** 17**Removal Required:****Lvl of Maint:** 3**Freq:** 36**Equip/Task:** 17**Matl Cost:****ManDays:** 11**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-32125-021)THE 400HZ AND 28VDC POWER DISTRIBUTION SYSTEM REQUIRES LOAD TESTING FOR RE-CERTIFICATION.

Recommended Solution:

ACCOMPLISH THE 400HZ AND 28VDC POWER DISTRIBUTION SYSTEM LOAD TESTING FOR EACH AESS/HESS STATION IN ACCORDANCE WITH MRC T4E3 AS FOLLOWS: 1. TEST AIRCRAFT ELECTRICAL SERVICING SYSTEM (AESS) 400HZ/28VDC FUNCTIONAL FOR RE-CERTIFICATION. PROVIDE A COPY OF THE COMPLETED MRC TEST DATA RECORDING SHEETS (TABLE 1, 2, 3, AND 4) FOR EACH STATION TO THE SHIP'S CHIEF ENGINEER AND THE PORT ENGINEER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-32411-001- -SS SWGR - CLN/INSP/ TST			MJC: EXECI128		Rev Date: 5/10/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-32411-001)THE SHIP SERVICE SWITCHGEAR REQUIRES CLEANING AND INSPECTION.	CLEAN, INSPECT, TEST AND ADJUST IN-PLACE AS APPLICABLE, THE CIRCUIT BREAKERS, COILS (CLOSING AND TRIPPING), GOVERNOR SYSTEM (SPEED-ELECTRONIC), INSTRUMENTATION, RELAYS (LOW VOLTAGE, OVERCURRENT AND REVERSE POWER), SYNCHRONIZING SYSTEM AND TRANSFORMERS (CURRENT AND POWER). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. NOTES. 1. WORK MUST BE SCHEDULED TO AVOID INTERFERENCE WITH SHIPBOARD AND SHIPYARD ROUTINE AND NOT BE COMMENCED WITHOUT THE SUPERVISOR'S APPROVAL. 2. ON COMPLETION AND IN CONSONANCE WITH THE LIGHT- OFF/TEST SCHEDULE, INSPECT, TEST AND ADJUST ALL ELECTRICAL PROTECTIVE DEVICES. 3. ALL OPERATIONAL TESTS WILL BE ACCOMPLISHED BY SHIP'S FORCE. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-32411-002- -EMER SWGR - INSP/ TST**MJC:** EXECI129**Rev Date:** 7/2/2007**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** X**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** X**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-32411-002)THE EMERGENCY SWITCHGEAR
REQUIRES INSPECTION AND TESTINGVISUALLY INSPECT AND ACCOMPLISH AN INFRARED SURVEY
AND/OR ULTRASONIC TESTING ON THE EMERGENCY
SWITCHBOARD/SWITCHGEAR TO ENSURE TIGHTNESS OF THE BUS
BAR AND CONDUCTOR TERMINALS/LUGS. REPORT CONDITIONS
FOUND TO THE SHIP'S CSMP TO INCLUDE CIRCUIT BREAKERS, BUS
TRANSFER (AUTOMATIC AND MANUAL), COILS (CLOSING AND
TRIPPING), INSTRUMENTATION AND TRANSFORMERS (CURRENT).
NOTES. 1. WORK MUST BE SCHEDULED TO AVOID INTERFERENCE
WITH SHIPBOARD AND SHIPYARD ROUTINE AND NOT TO BE
COMMENCED WITHOUT THE SUPERVISOR'S APPROVAL. 2. ON
COMPLETION AND IN CONSONANCE WITH THE LIGHT-OFF/TEST
SCHEDULE, INSPECT, TEST AND ADJUST ALL ELECTRICAL
PROTECTIVE DEVICES. 3. ALL OPERATIONAL TESTS WILL BE
ACCOMPLISHED BY SHIP'S FORCE. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-32411-003- -DISTR LD CENTERS -CLN/INSP/TST**MJC:** EXECI130**Rev Date:** 5/10/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 29**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-32411-003)THE DISTRIBUTION LOAD CENTER(S)
REQUIRE CLEANING, INSPECTION AND TESTING.CLEAN, INSPECT, TEST THE DISTRIBUTION LOAD CENTER(S).
ENSURE TIGHTNESS OF THE BUS BAR AND CONDUCTOR
TERMINALS/LUGS. REPORT CONDITIONS FOUND TO THE SHIP'S
CSMP TO INCLUDE CIRCUIT BREAKERS, COILS (CLOSING AND
TRIPPING), INSTRUMENTATION AND TRANSFORMERS (CURRENT).
NOTES. 1. WORK MUST BE SCHEDULED TO AVOID INTERFERENCE
WITH SHIPBOARD AND SHIPYARD ROUTINE AND NOT TO BE
COMMENCED WITHOUT THE SUPERVISOR'S APPROVAL. 2. ON
COMPLETION AND IN CONSONANCE WITH THE LIGHT- OFF/TEST
SCHEDULE, INSPECT, TEST AND ADJUST ALL ELECTRICAL
PROTECTIVE DEVICES. 3. ALL OPERATIONAL TESTS WILL BE
ACCOMPLISHED BY SHIP'S FORCE. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-32411-004- -SHORE PWR PNL - INSP/TST**MJC:** EXECI276**Rev Date:** 9/27/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-32411-004)THE SHORE POWER PANEL REQUIRES INSPECTION

VISUALLY INSPECT AND ACCOMPLISH AN INFRARED SURVEY ON THE SHORE POWER PANEL TO ENSURE TIGHTNESS OF THE BUS BAR AND CONDUCTOR TERMINALS/LUGS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE CIRCUIT BREAKERS, COILS (CLOSING AND TRIPPING), INSTRUMENTATION, RELAYS (LOW VOLTAGE, OVERCURRENT AND REVERSE POWER), SYNCHRONIZING SYSTEM AND TRANSFORMERS (CURRENT AND POWER). NOTES. 1. WORK MUST BE SCHEDULED TO AVOID INTERFERENCE WITH SHIPBOARD AND SHIPYARD ROUTINE AND NOT BE COMMENCED WITHOUT THE SUPERVISOR'S APPROVAL. 2. ON COMPLETION AND IN CONSONANCE WITH THE LIGHT OFF/TEST SCHEDULE, INSPECT, TEST AND ADJUST ALL ELECTRICAL PROTECTIVE DEVICES. 3. ALL OPERATIONAL TESTS WILL BE ACCOMPLISHED BY SHIP'S FORCE. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-32411-020- -CKT BREAKER - RPR			MJC: EXECQBH0		Rev Date: 5/16/2003
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10,400	ManDays: 18	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-32411-020)CIRCUIT BREAKER REQUIRES REPAIR	REMOVE CIRCUIT BREAKER AND ACCOMPLISH ONE OF THE FOLLOWING: A. REPAIR CIRCUIT BREAKER PER NAVSEA STANDARD ITEM 009-75. B. CRATE AND SHIP CIRCUIT BREAKER TO THE NAVY DESIGNATED OVERHAUL POINT (DOP) AT PUGET SOUND NAVAL SHIPYARD FOR REPAIR. C. CRATE AND SHIP CIRCUIT BREAKER TO OEM. ON COMPLETION OF REPAIRS, REINSTALL CIRCUIT BREAKER AND OPERATIONALLY TEST.

Task/Abbreviation: A-32411-028- -AER LHD1-00799 - ACCOMP			MJC: EXTYA524		Rev Date: 3/7/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: TYLHD 00799
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-32411-28) AER LHD1-00799, TVSS INSTL, NOT ACCOMPLISHED	ACCOMPLISH AER LHD1-00799 WHICH WILL PROVIDE PROTECTION ON BOTH 60HZ AND 400HZ POWER DISTRIBUTION LINES FOR CIRCUITS FEEDING VITAL C3/C4I AND HARD KILL WEAPONS SYSTEMS. MAX ALLOWABLE LEAD LENGTH BETWEEN SOURCE OF POWER AND EACH TVSS DEVICE SHALL BE 18 INCHES.

Task/Abbreviation: Q-32411-044- -CKT BREAKER (009-75) - RPR				MJC: EXECJ091		Rev Date: 8/6/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 375		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-32411-044)CIRCUIT BREAKER REQUIRES REPAIR				REMOVE CIRCUIT BREAKER AND REPAIR PER NAVSEA STANDARD ITEM 009-75. ON COMPLETION OF REPAIRS, REINSTALL CIRCUIT BREAKER AND OPERATIONALLY TEST.					

Task/Abbreviation: Q-32411-045- -CKT BREAKER (SHIP) - RPR		MJC: EXECJ092		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 600	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-32411-045)CIRCUIT BREAKER REQUIRES OVERHAUL	REMOVE, CRATE AND SHIP CIRCUIT BREAKER TO THE NAVY DESIGNATED OVERHAUL POINT (DOP). ON COMPLETION OF REPAIRS, REINSTALL CIRCUIT BREAKER AND OPERATIONALLY TEST.

Task/Abbreviation: I-32411-047- -CKT BRKR - MRC 2AN6**MJC:** EXECI826**Rev Date:** 10/5/2011**RCM Analysis:** 8/21/2006**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-32411-047)THE WHIPP AND BOURNE AIR CIRCUIT BREAKER 3241 REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AIR CIRCUIT BREAKER ASSESSMENT IN ACCORDANCE WITH MRC 2AN6 AS FOLLOWS: 1. CLEAN AND INSPECT WHIP AND BOURNE AIR CIRCUIT BREAKERS (ACBS) AND ENSURE THAT EQUIPMENT IS PREPARED FOR OPERATION UNDER ALL POSSIBLE CONDITIONS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE: OBTAIN THE SERVICES OF WHIPP AND BOURNE REPRESENTATIVE IF QUALIFIED PERSONNEL ARE NOT AVAILABLE TO PERFORM THIS CIRCUIT BREAKER MAINTENANCE.

Task/Abbreviation: I-32411-060- -IR SURVEY SWBD/LC - MRC T1B6**MJC:** EXECIGN0**Rev Date:** 10/3/2011**RCM Analysis:** 5/8/2009**Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 12**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3

RCM CERTIFIED REQUIREMENT ISE ADVISORY 040-07 DOSSERT LU GC:600000,MA:T1B6

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-32411-060)THE SWITCHBOARD(S) AND LOAD CENTER(S) REQUIRE A THERMAL IMAGE (INFRA RED) SURVEY AS DIRECTED BY ISE ADVISORY 040-07, "USE OF DOSSERT /MECHANICAL LUG CONNECTORS IN SWITCHBOARDS AND LOAD CENTERS" AND MRC T1B6.

AS DIRECTED BY ISE ADVISORY 040-07 ACCOMPLISH A THERMAL IMAGE (INFRA RED) SURVEY OF SWITCHBOARD(S) (SWBD) AND LOAD CENTER(S) (LC) IN ACCORDANCE WITH MRC T1B6 AND THE FOLLOWING: A. INSPECT SWBD AND LC FOR DOSSERT CONNECTORS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. IF DOSSERT CONNECTIONS ARE FOUND, ENTER QUANTITY AND LOCATION IN CLOSING REMARKS. PROVIDE QUANTITY AND LOCATION TO ANDY HARRELL AT (757) 967-3459 (ANDREW.HARRELL@NAVY.MIL) AND DEBORA DENNIS AT (757) 836-3311 (DEBORA.DENNIS@NAVY.MIL). NOTE 1: ACCOMPLISH ANNUALLY, PRE-DEPLOYMENT, AND PRE-AVAILABILITY. NOTE: PER TYCOM, AER 76101 (CG 47, DDG 51, FFG 7, LCC 19, LHA 1, LHD 1, LPD 4, LSD 41, LSD 49, MCM 1) REPLACES DOSSERT CONNECTORS AND IF ANY DOSSERT CONNECTORS ARE NOTED AS FAILING DURING THE INSPECTION, AER 76101 SHOULD BE USED WHEN PRACTICAL TO REPAIR THE FAULT. THE AER REPLACES ALL DOSSERT CONNECTIONS, BUT IT CAN BE IMPLEMENTED IN A PIECE-MEAL FASHION.

Task/Abbreviation: D-32411-063- -SHIPALT LHD1-70110D - ACCOMP			MJC: EXSAD533		Rev Date: 4/30/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 9	Alt No: SALHD 70110 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-32411-63) SHIPALT LHD1-70110D, RELOCATE ABT 60-P-ABT-1-75-2, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-70110D WHICH RELOCATES ABT FOR NO. 4 AFFF STATION FROM 1-67-2-L TO COMPARTMENT 1-65-6-L AND ADJACENT OR AS CLOSE AS PRACTICABLE TO NO. 4 AFFF STATION.

Task/Abbreviation: I-32411-067- -CKT BREAKER 5KV - INSP/TEST			MJC: EXECIHA8		Rev Date: 6/26/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-32411-067)THE AIR CIRCUIT BREAKER 5KV2000RC REQUIRES AN INSPECTION AND OPERATIONAL TEST.	INSPECT AND OPERATIONALLY TEST THE 5KV2000RC AIR CIRCUIT BREAKER IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUALS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: D-32411-080- -SHIPALT 76101D - ACCOMP			MJC: EXSAD675		Rev Date: 9/21/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost: 10,000	ManDays: 150	Alt No: 76101 D
Referenced Authority:	Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-32411-80) SHIPALT DDG51-76101D, REPLACE DOSSERT LUG CONNECTORS, NOT ACCOMPLISHED	AIT- ACCOMPLISH SHIPALT DDG51-76101D WHICH REPLACES ALL DOSSERT MECHANICAL (SCREW TYPE) CABLE CONNECTORS WITH CRIMP TYPE CABLE LUGS FOR ALL CABLES ENTERING OR WITHIN THE 60 HZ SWITCHBOARDS AND LOAD CENTERS AND THE 400 HZ SWITCHBOARDS. THE CRIMP TYPE LUGS WILL BE CLC OR CLCG IN ACCORDANCE WITH MIL-T-16366F, DATED FEB 1980. THE CHANGE AFFECTS SWITCHBOARDS AND LOAD CENTERS THAT UTILIZE TYPE AQB CIRCUIT BREAKERS FOR FRAME SIZES: 100, 250, 400 AND 800 AMPS. ESTIMATED COST PER CONNECTOR IS \$190. ESTIMATED COST PER SHIP IS \$190,000 BASED ON APPROXIMATELY 1000 CONNECTORS PER SHIP. POC: FRANK SHOWALTER, 215-897-7260, FRANK.SHOWALTER@NAVY.MIL

Task/Abbreviation: A-32411-091- -AER MCM1-76101 - ACCOMP			MJC: EXTYAAS1		Rev Date: 6/15/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost: 100,000	ManDays: 150	Alt No: SA 76101
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-32411-91) AER MCM1-76101, REPLACE DOSSERT LUG CONNECTORS, NOT ACCOMPLISHED	REPLACES ALL DOSSERT MECHANICAL (SCREW TYPE) CABLE CONNECTORS WITH CRIMP TYPE CABLE LUGS FOR ALL CABLES ENTERING OR WITHIN THE 60 HZ SWITCHBOARDS AND LOAD CENTERS AND THE 400 HZ SWITCHBOARDS. THE CRIMP TYPE LUGS WILL BE CLC OR CLCG IN ACCORDANCE WITH MIL-T-16366F, DATED FEB 1980. THE CHANGE AFFECTS SWITCHBOARDS AND LOAD CENTERS THAT UTILIZE TYPE AQB CIRCUIT BREAKERS FOR FRAME SIZES: 100, 250, 400 AND 800 AMPS. ESTIMATED COST PER CONNECTOR IS \$190. ESTIMATED COST PER SHIP IS \$190,000 BASED ON APPROXIMATELY 1000 CONNECTORS PER SHIP. POC: FRANK SHOWALTER, 215-897-7260, FRANK.SHOWALTER@NAVY.MIL

Task/Abbreviation: A-32411-093- -AER 01402 ACCOMPLISH				MJC: EXTAAW8		Rev Date: 6/29/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No: AER 01402	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	AER 01402 SHORE POWERE ISLTN FUSES NOT ACCOMPLISHED	INDUSTRIAL- INSTALL ISOLATION FUSES IN SHORE POWER SWITCHBOARD CIRCUITS TO ISOLATE POWER MONITORING LIGHTS AT SHORE POWER RECEPTACLES.

Task/Abbreviation: A-33211-006- -AER LHD1-03300 - ACCOMP			MJC: EXTYA532		Rev Date: 3/7/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 12,000	ManDays: 78	Alt No: TYLHD 03300
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-33211-6) AER LHD1-03300, FIBER OPTIC LIGHTING, NOT ACCOMPLISHED	ACCOMPLISH AER LHD1-03300 WHICH REPLACES THE EXISTING OUTDATED LIGHTING FIXTURES ON THE ISLAND WHICH PRESENT A CONTINUOUS SHORT HAZARD WITH FIBER-OPTIC SHIP'S NUMERAL LIGHTING.

Task/Abbreviation: D-33211-011- -SHIPALT LHD1-70255D - ACCOMP			MJC: EXTAAAD1		Rev Date: 9/21/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 35	Alt No: SA 70255 D
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	SA LHD1-70255D, DUAL FUCTN WELL DECK LIGHT SYS, NOT ACCOMPLISHED	AIT- ACCOMPLISH SHIPALT LHD1-70255D WHICH INSTALLS A DUAL FUNCTION (NVIS COMPATIBLE AND WHITE) WELL DECK ILLUMINATION SYSTEM FOR AMPHIBIOUS SHIPS, ALLOWING FOR CONCURRENT AIR AND SEA OPERATIONS UNDER THE COVER OF DARKNESS. THE SYSTEM CONSISTS OF HIGH-OUT-PUT, LONG-LIFE, HIGH-RELIABILITY FLUORESCENT AND LED COMPONENTS TO ACHIEVE IMPROVED ILLUMINATION WITH TOUCH-SCREEN CONTROL. THIS NEW LIGHTING SYSTEM INSTALLATION PROVIDES FLEXIBILITY TO MEET SPECIFIC OPERATIONAL OBJECTIVES, AND IS A NECESSARY UPGRADE.

Task/Abbreviation: I-34111-001- -SSTG LO PMP - INSP			MJC: EXECI131		Rev Date: 1/23/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-34111-001)THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP REQUIRES INSPECTION	INSPECT AND TEST THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. VIBRATION ANALYSIS SURVEY. D. CAPACITY FLOW TEST PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-34111-006- -SSTG LO PMP - RPR				MJC: EXECQ364		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,665		ManDays: 37		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34111-006)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34111-010- -SSTG LO PMP MOT-RWND				MJC: EXECJ981		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 408	ManDays: 15	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34111-010)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34111-011- -SSTG LO PMP MOT-RPR				MJC: EXECJ986		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 156		ManDays: 7		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34111-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34111-012- -SSTG LO PMP MOT BRG-REPL			MJC: EXECJ991		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 78	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34111-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34111-013- -SSTG LO PMP (RTY GR) CSG-REPL				MJC: EXECJCX3		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34111-013)PUMP CASING REQUIRES REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ROTARY/GEAR SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPLACE THE OUTER CASING. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34111-014- -SSTG LO PMP (RTY GR) INT-REPL				MJC: EXECJCX4		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34111-014)PUMP INTERNALS REQUIRE REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ROTARY/GEAR SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPLACE PUMP INTERNALS AS A MATCHED SET (INTERNAL REPLACEMENT KIT) PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF INTERNAL REPLACEMENT REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-34112-001- -SSTG LO PMP - INSP				MJC: EXECI132		Rev Date: 1/23/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-34112-001)THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP REQUIRES INSPECTION	INSPECT AND TEST THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. VIBRATION ANALYSIS SURVEY. D. CAPACITY FLOW TEST. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-34112-006- -SSTG LO PMP - RPR				MJC: EXECQ373		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,665		ManDays: 37		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34112-006)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34112-010- -SSTG LO PMP MOT-RWND				MJC: EXECJ982		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 408		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34112-010)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34112-011- -SSTG LO PMP MOT-RPR				MJC: EXECJ987		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 156		ManDays: 7		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34112-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34112-012- -SSTG LO PMP MOT BRG-REPL			MJC: EXECJ992		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 78	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34112-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34112-013- -SSTG LO PMP (RTY GR) CSG-REPL				MJC: EXECJCX9		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-34112-013)PUMP CASING REQUIRES REPLACEMENT				OPEN, CLEAN, AND INSPECT THE ROTARY/GEAR SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPLACE THE OUTER CASING. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-34112-014- -SSTG LO PMP (RTY GR) INT-REPL				MJC: EXECJCY0		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34112-014)PUMP INTERNALS REQUIRE REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ROTARY/GEAR SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPLACE PUMP INTERNALS AS A MATCHED SET (INTERNAL REPLACEMENT KIT) PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF INTERNAL REPLACEMENT REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-34113-001- -SSTG LO PMP - INSP			MJC: EXECI133		Rev Date: 1/23/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-34113-001)THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP REQUIRES INSPECTION	INSPECT AND TEST THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. VIBRATION ANALYSIS SURVEY. D. CAPACITY FLOW TEST. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-34113-006- -SSTG LO PMP - RPR				MJC: EXECQ382		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,665	ManDays: 37	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34113-006)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34113-010- -SSTG LO PMP MOT-RWND				MJC: EXECJ983		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 408		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34113-010)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34113-011- -SSTG LO PMP MOT-RPR				MJC: EXECJ988		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 156		ManDays: 7		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34113-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34113-012- -SSTG LO PMP MOT BRG-REPL			MJC: EXECJ993		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 78	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34113-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34113-013- -SSTG LO PMP (RTY GR) CSG-REPL				MJC: EXECJCY5		Rev Date: 5/26/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34113-013)PUMP CASING REQUIRES REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ROTARY/GEAR SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPLACE THE OUTER CASING. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34113-014- -SSTG LO PMP (RTY GR) INT-REPL				MJC: EXECJCY6		Rev Date: 5/26/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34113-014)PUMP INTERNALS REQUIRE REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ROTARY/GEAR SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPLACE PUMP INTERNALS AS A MATCHED SET (INTERNAL REPLACEMENT KIT) PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF INTERNAL REPLACEMENT REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-34114-001- -SSTG LO PMP - INSP			MJC: EXECI134		Rev Date: 1/23/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-34114-001)THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP REQUIRES INSPECTION	INSPECT AND TEST THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. VIBRATION ANALYSIS SURVEY. D. CAPACITY FLOW TEST. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-34114-006- -SSTG LO PMP - RPR				MJC: EXECQ391		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,665	ManDays: 37	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34114-006)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34114-010- -SSTG LO PMP MOT-RWND				MJC: EXECJ984		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 408	ManDays: 15	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34114-010)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34114-011- -SSTG LO PMP MOT-RPR			MJC: EXECJ989		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 156	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34114-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34114-012- -SSTG LO PMP MOT BRG-REPL				MJC: EXECJ994		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 78		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34114-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34114-013- -SSTG LO PMP (RTY GR) CSG-REPL				MJC: EXECJCZ1		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34114-013)PUMP CASING REQUIRES REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ROTARY/GEAR SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPLACE THE OUTER CASING. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34114-014- -SSTG LO PMP (RTY GR) INT-REPL				MJC: EXECJCZ2		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34114-014)PUMP INTERNALS REQUIRE REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ROTARY/GEAR SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPLACE PUMP INTERNALS AS A MATCHED SET (INTERNAL REPLACEMENT KIT) PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF INTERNAL REPLACEMENT REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-34115-001- -SSTG LO PMP - INSP			MJC: EXECI238		Rev Date: 1/26/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-34115-001)THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP REQUIRES INSPECTION	INSPECT AND TEST THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. VIBRATION ANALYSIS SURVEY. D. CAPACITY FLOW TEST. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-34115-006- -SSTG LO PMP - RPR				MJC: EXECQ872		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 5	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,165	ManDays: 37	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34115-006)PUMP REQUIRES REPAIR	OPEN, CLEAN, AND INSPECT THE ROTARY GEAR PUMP. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS ROTOR AND HOUSING BORE DIAMETERS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT AND GEARS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34115-010- -SSTG LO PMP MOT-RWND				MJC: EXECJ985		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 408		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34115-010)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34115-011- -SSTG LO PMP MOT-RPR				MJC: EXECJ990		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 156		ManDays: 7		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34115-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34115-012- -SSTG LO PMP MOT BRG-REPL				MJC: EXECJ995		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 78		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34115-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34115-013- -SSTG LO PMP (RTY GR) CSG-REPL				MJC: EXECJCZ7		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34115-013)PUMP CASING REQUIRES REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ROTARY/GEAR SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPLACE THE OUTER CASING. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34115-014- -SSTG LO PMP (RTY GR) INT-REPL				MJC: EXECJCZ8		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34115-014)PUMP INTERNALS REQUIRE REPLACEMENT	OPEN, CLEAN, AND INSPECT THE ROTARY/GEAR SHIP SERVICE TURBINE GENERATOR LUBE OIL SERVICE PUMP. REPLACE PUMP INTERNALS AS A MATCHED SET (INTERNAL REPLACEMENT KIT) PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF INTERNAL REPLACEMENT REASSEMBLE PUMP. ENSURE A SATISFACTORY PUMP GEAR AND WORM GEAR DRIVE BACKLASH AND CLEARANCES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: D-34210-003- -SHIPALT LHD1-73276D - ACCOMP			MJC: EXSAD537		Rev Date: 5/11/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 23	Alt No: SALHD 73276 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-34210-3) SHIPALT LHD1-73276D, INSTL OF AN INTEGRATED DIESEL, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-73276D WHICH THIS SCD WILL INSTALL ONE ANALYZER PER SHIP. MOUNTING BRACKETS ATTACHED TO EACH ENGINE WILL SECURE THE ANALYZER DURING DATA COLLECTING PHASE. EACH ENGINE WILL HAVE A 1/2" - 13 X 3/4" BOLT INSTALLED ON THE FLYWHEEL TO FACILITATE RPM MONITORING. THE BOLT (PROVIDED BY ANALYZER MANUFACTURER) WILL BE INSTALLED SO THAT THE BOLT HEAD IS FLUSH WITH THE FLYWHEEL. A REPRESENTATIVE FROM THE ENGINE ANALYZER MANUFACTURER WILL; MARK THE FLYWHEEL LOCATIONS, INSPECT THE BOLT HOLE, INSTALL THE BOLT, VERIFY CORRECT BOLT GRADE (MILD STEEL), AND THAT THE BOLT HEAD IS FLUSH WITH THE FLYWHEEL. ENGINE ANALYZER AND PORTABLE CABLING PROVIDED BY THE MANUFACTURER WILL BE USED FOR DATA COLLECTION.

Task/Abbreviation: I-34211-010- -SSDG KEEP WARM PMP - INSP/ TST			MJC: EXECI313		Rev Date: 4/6/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-34211-010)THE CLOSE-COUPLED JACKET WATER KEEP WARM PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR SET REQUIRES INSPECTION	INSPECT AND TEST THE JACKET WATER KEEP WARM CENTRIFUGAL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-34211-011- -SSDG KEEP WARM PMP - RPR**MJC:** EXECQ161**Rev Date:** 9/16/2002**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 270**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-34211-011)PUMP REQUIRES REPAIR

REMOVE THE PUMP UNIT (CLOSE-COUPLED) TO THE SHOP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34211-012- -SSDG KEEP WARM PMP MOT - RPR			MJC: EXECQ175		Rev Date: 9/16/2002
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,200	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34211-012)ELECTRIC MOTOR REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE ELECTRIC MOTOR OF THE JACKET WATER KEEP WARM PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34211-027- -SSDG KEEP WM PMP MOT BRG-REPL			MJC: EXECJA69		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 80	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34211-027)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE SHIP SERVICE DIESEL GENERATOR JACKET WATER KEEP WARM PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34211-028- -SSDG KEEP WARM PMP MOT-RWND			MJC: EXECJA73		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,000	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34211-028)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE SHIP SERVICE DIESEL GENERATOR JACKET WATER KEEP WARM PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34211-029- -SSDG KEEP WARM PMP MOT - RPR				MJC: EXECJA77		Rev Date: 7/22/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,200		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-34211-029)ELECTRIC MOTOR REQUIRES RECONDITIONING				RECONDITION THE ELECTRIC MOTOR OF THE SHIP SERVICE DIESEL GENERATOR JACKET WATER KEEP WARM PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.					

Task/Abbreviation: Q-34211-042- -SSDG KEEP WARM PMP SEAL - REPL			MJC: EXECJEA4		Rev Date: 10/20/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34211-042)PUMP SEAL REQUIRES REPLACEMENT	REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34211-043- -SSDG KEEP WARM PMP RINGS-REPL				MJC: EXECJEA5		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 60		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34211-043)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34211-044- -SSDG KEEP WARM PMP RT ASSY-RPR			MJC: EXECJEA6		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 300	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34211-044)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: I-34211-045- -SSDG PMPS VIB TST - MRC G1P1				MJC: EXECIGE2		Rev Date: 2/29/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-34211-045)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-34212-010- -SSDG KEEP WARM PMP - INSP/ TST			MJC: EXECI314		Rev Date: 7/24/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-34212-010)THE CLOSE-COUPLED JACKET WATER KEEP WARM PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR SET REQUIRES INSPECTION	INSPECT AND TEST THE JACKET WATER KEEP WARM CENTRIFUGAL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-34212-011- -SSDG KEEP WARM PMP - RPR			MJC: EXECQ166		Rev Date: 9/16/2002
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 270	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34212-011)PUMP REQUIRES REPAIR	REMOVE THE PUMP UNIT (CLOSE-COUPLED) TO THE SHOP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34212-012- -SSDG KEEP WARM PMP MOT - RPR			MJC: EXECQ176		Rev Date: 9/16/2002
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,200	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34212-012)ELECTRIC MOTOR REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE ELECTRIC MOTOR OF THE JACKET WATER KEEP WARM PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34212-027- -SSDG KEEP WM PMP MOT BRG-REPL			MJC: EXECJA70		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 80	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34212-027)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE SHIP SERVICE DIESEL GENERATOR JACKET WATER KEEP WARM PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34212-028- -SSDG KEEP WARM PMP MOT-RWND			MJC: EXECJA74		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,000	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34212-028)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE SHIP SERVICE DIESEL GENERATOR JACKET WATER KEEP WARM PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34212-029- -SSDG KEEP WARM PMP MOT - RPR			MJC: EXECJA78		Rev Date: 7/22/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,200	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34212-029)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE SHIP SERVICE DIESEL GENERATOR JACKET WATER KEEP WARM PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34212-042- -SSDG KEEP WARM PMP SEAL - REPL			MJC: EXECJEB6		Rev Date: 10/20/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34212-042)PUMP SEAL REQUIRES REPLACEMENT	REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34212-043- -SSDG KEEP WARM PMP RINGS-REPL			MJC: EXECJEB7		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 60	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34212-043)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34212-044- -SSDG KEEP WARM PMP RT ASSY-RPR				MJC: EXECJEB8		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 300		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34212-044)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: I-34212-045- -SSDG PMPS VIB TST - MRC G1P1				MJC: EXECIGE3		Rev Date: 2/29/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-34212-045)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-34213-010- -SSDG KEEP WARM PMP - INSP/ TST			MJC: EXECI315		Rev Date: 7/24/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-34213-010)THE CLOSE-COUPLED JACKET WATER KEEP WARM PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR SET REQUIRES INSPECTION	INSPECT AND TEST THE JACKET WATER KEEP WARM CENTRIFUGAL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-34213-011- -SSDG KEEP WARM PMP - RPR**MJC:** EXECQ168**Rev Date:** 9/16/2002**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 270**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-34213-011)PUMP REQUIRES REPAIR

REMOVE THE PUMP UNIT (CLOSE-COUPLED) TO THE SHOP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34213-012- -SSDG KEEP WARM PMP MOT - RPR			MJC: EXECQ177		Rev Date: 9/16/2002
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,200	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34213-012)ELECTRIC MOTOR REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE ELECTRIC MOTOR OF THE JACKET WATER KEEP WARM PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34213-025- -SSDG KEEP WM PMP MOT BRG-REPL				MJC: EXECJA71		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 80		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34213-025)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE SHIP SERVICE DIESEL GENERATOR JACKET WATER KEEP WARM PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34213-026- -SSDG KEEP WARM PMP MOT-RWND			MJC: EXECJA75		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,000	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34213-026)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE SHIP SERVICE DIESEL GENERATOR JACKET WATER KEEP WARM PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34213-027- -SSDG KEEP WARM PMP MOT - RPR				MJC: EXECJA79		Rev Date: 7/22/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,200		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-34213-027)ELECTRIC MOTOR REQUIRES RECONDITIONING				RECONDITION THE ELECTRIC MOTOR OF THE SHIP SERVICE DIESEL GENERATOR JACKET WATER KEEP WARM PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.					

Task/Abbreviation: Q-34213-037- -SSDG KEEP WARM PMP SEAL - REPL		MJC: EXECJCK7	Rev Date: 10/20/2005		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 2	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34213-037)PUMP SEAL REQUIRES REPLACEMENT	REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34213-038- -SSDG KEEP WARM PMP RINGS-REPL				MJC: EXECJCK8		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 60		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34213-038)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34213-039- -SSDG KEEP WARM PMP RT ASSY-RPR**MJC:** EXECJCK9**Rev Date:** 4/6/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 300**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-34213-039)PUMP ROTATING ASSEMBLY
REQUIRES REPAIRREMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE
ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL
COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER
CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN
MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE.
REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER
TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE
ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS,
BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-
REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP
ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.
NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: I-34213-043- -SSDG PMPS VIB TST - MRC G1P1				MJC: EXECIGE4		Rev Date: 2/29/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-34213-043)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-34214-010- -SSDG KEEP WARM PMP - INSP/ TST			MJC: EXECI316		Rev Date: 7/24/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-34214-010)THE CLOSE-COUPLED JACKET WATER KEEP WARM PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR SET REQUIRES INSPECTION	INSPECT AND TEST THE JACKET WATER KEEP WARM CENTRIFUGAL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-34214-011- -SSDG KEEP WARM PMP - RPR			MJC: EXECQ169		Rev Date: 9/16/2002
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 270	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34214-011)PUMP REQUIRES REPAIR	REMOVE THE PUMP UNIT (CLOSE-COUPLED) TO THE SHOP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34214-012- -SSDG KEEP WARM PMP MOT - RPR			MJC: EXECQ184		Rev Date: 9/16/2002
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,200	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34214-012)ELECTRIC MOTOR REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE ELECTRIC MOTOR OF THE JACKET WATER KEEP WARM PUMP OF THE SHIP SERVICE DIESEL ENGINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE MOTOR TO SHOP, AND ACCOMPLISH ONE OF THE FOLLOWING: A. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. B. THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ON COMPLETION OF REPAIRS, REINSTALL AND ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34214-025- -SSDG KEEP WM PMP MOT BRG-REPL			MJC: EXECJA72		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 80	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34214-025)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE SHIP SERVICE DIESEL GENERATOR JACKET WATER KEEP WARM PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34214-026- -SSDG KEEP WARM PMP MOT-RWND				MJC: EXECJA76		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 4,000		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34214-026)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE SHIP SERVICE DIESEL GENERATOR JACKET WATER KEEP WARM PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34214-027- -SSDG KEEP WARM PMP MOT - RPR				MJC: EXECJA80		Rev Date: 7/22/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,200		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-34214-027)ELECTRIC MOTOR REQUIRES RECONDITIONING				RECONDITION THE ELECTRIC MOTOR OF THE SHIP SERVICE DIESEL GENERATOR JACKET WATER KEEP WARM PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.					

Task/Abbreviation:		Q-34214-040- -SSDG KEEP WARM PMP SEAL - REPL		MJC:	EXECJCL8	Rev Date:	4/6/2010
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	6	Removal Required:	
Lvl of Maint:	1	Freq:	0	Equip/Task:	1	Matl Cost:	50
				ManDays:	2	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34214-040)PUMP SEAL REQUIRES REPLACEMENT	REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34214-041- -SSDG KEEP WARM PMP RINGS-REPL			MJC: EXECJCL9		Rev Date: 4/6/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 60	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34214-041)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34214-042- -SSDG KEEP WARM PMP RT ASSY-RPR				MJC: EXECJCM0		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 300		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34214-042)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: I-34214-043- -SSDG PMPS VIB TST - MRC G1P1				MJC: EXECIGE5		Rev Date: 2/29/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-34214-043)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-34221-001- -EDG SW PMP - INSP/ TST			MJC: EXECI139		Rev Date: 2/21/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-34221-001)THE SHIP SERVICE EMERGENCY DIESEL GENERATOR SEA WATER PUMP REQUIRES INSPECTION	INSPECT AND TEST THE SEA WATER CENTRIFUGAL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-34221-005- -EDG SW PMP - RPR			MJC: EXECQ431		Rev Date: 11/8/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,350	ManDays: 30	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34221-005)PUMP REQUIRES REPAIR	REPAIR THE CENTRIFUGAL SHIP SERVICE EMERGENCY DIESEL GENERATOR SEA WATER PUMP (CLOSE COUPLED). OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34221-010- -EDG SW PMP MOT-RWND				MJC: EXECJC45		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,308	ManDays: 28	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34221-010)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE SHIP SERVICE EMERGENCY DIESEL GENERATOR SEA WATER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34221-011- -EDG SW PMP MOT-RPR				MJC: EXECJC47		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 17	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34221-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE SHIP SERVICE EMERGENCY DIESEL GENERATOR SEA WATER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34221-012- -EDG SW PMP MOT BRG-REPL				MJC: EXECJC49		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 180		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34221-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE SHIP SERVICE EMERGENCY DIESEL GENERATOR SEA WATER PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34221-013- -EDG SW PMP MECH SEAL -REPLACE				MJC: EXECJCM1		Rev Date: 5/27/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,350		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-34221-013)PUMP SEAL REQUIRES REPLACEMENT				REPLACE, IN-PLACE, THE SHIP SERVICE EMERGENCY DIESEL GENERATOR SEA WATER PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-34221-014- -EDG SW PMP WEAR RINGS-REPLACE			MJC: EXECJCM2		Rev Date: 5/27/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,350	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34221-014)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34221-021- -EDG SW PMP RT ASSY - REPAIR				MJC: EXECJCM9		Rev Date: 5/27/2005	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,350	ManDays: 15	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34221-021)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: I-34221-026- -EDG 1 PMPS VIB TST - MRC G1P1				MJC: EXECIGE6		Rev Date: 2/29/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-34221-026)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-34222-001- -EDG SW PMP - INSP/ TST**MJC:** EXECI140**Rev Date:** 2/21/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-34222-001)THE SHIP SERVICE EMERGENCY
DIESEL GENERATOR SEA WATER PUMP REQUIRES
INSPECTIONINSPECT AND TEST THE SEA WATER CENTRIFUGAL PUMP. REPORT
CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING,
AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL
TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D.
ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT
MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G.
CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A
SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE
IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD
(2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-34222-005- -EDG SW PMP - RPR			MJC: EXECQ439		Rev Date: 11/8/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,350	ManDays: 30	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34222-005)PUMP REQUIRES REPAIR	REPAIR THE CENTRIFUGAL SHIP SERVICE EMERGENCY DIESEL GENERATOR SEA WATER PUMP (CLOSE COUPLED). OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34222-010- -EDG SW PMP MOT-RWND				MJC: EXECJC46		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,308	ManDays: 28	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34222-010)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE SHIP SERVICE EMERGENCY DIESEL GENERATOR SEA WATER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34222-011- -EDG SW PMP MOT-RPR				MJC: EXECJC48		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 17	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34222-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE SHIP SERVICE EMERGENCY DIESEL GENERATOR SEA WATER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34222-012- -EDG SW PMP MOT BRG-REPL				MJC: EXECJC50		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 180		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34222-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE SHIP SERVICE EMERGENCY DIESEL GENERATOR SEA WATER PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-34222-013- -EDG SW PMP MECH SEAL -REPLACE				MJC: EXECJCN3	Rev Date: 5/27/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,350	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:		Recommended Solution:		
BASELINE	(Q-34222-013)PUMP SEAL REQUIRES REPLACEMENT		REPLACE, IN-PLACE, THE SHIP SERVICE EMERGENCY DIESEL GENERATOR SEA WATER PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.		

Task/Abbreviation: Q-34222-014- -EDG SW PMP WEAR RINGS-REPLACE			MJC: EXECJCN4		Rev Date: 5/27/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,350	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34222-014)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-34222-015- -EDG SW PMP RT ASSY - REPAIR			MJC: EXECJCN5		Rev Date: 5/27/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,350	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-34222-015)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: I-34222-020- -EDG 2 PMPS VIB TST - MRC G1P1			MJC: EXECIGE7		Rev Date: 2/29/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-34222-020)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: R-40711-006- -EMI CONT ITEMS - INSTL/RPR				MJC: EXSYR112		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 001	Matl Cost: 465	ManDays: 26	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-40711-006)INSTALLATION/REPAIR OF TOPSIDE EMI CONTROL ITEMS DURING THE DEPOT AVAILABILITY IS REQUIRED.	DURING THE DEPOT AVAILABILITY INSTALL/REPAIR TOPSIDE EMI CONTROL ITEMS IDENTIFIED BY THE EMI SURVEY. NOTE 1: NO NEW BOND STRAPS SHALL BE INSTALLED TOPSIDE EXCEPT FOR THOSE SHOWN IN THE APPLICABLE SHIP'S EMI CONTROL TOPSIDE ARRANGEMENT DRAWING, IDENTIFIED IN SEMCIP TECHNICAL ASSISTANCE NETWORK (STAN), UNLESS REQUIRED BY STAN. TESTING IN ACCORDANCE WITH NAVSEA STD DWG 407-5291780() INDICATES NEED OR APPROVAL BY NAVSEA CODE 623. NOTE 2: THERE IS NO REQUIREMENT TO IMMEDIATELY REMOVE EXCESS BOND STRAPS THAT ARE OPERATIONALLY SATISFACTORY. IT IS ANTICIPATED THAT MINIMUM BOND STRAP CONFIGURATION WILL BE ATTAINED BY ATTRITION. NOTE 3: ACCOMPLISH TASK R-40711-15 (EMI SURVEY) PRIOR TO THIS TASK.

Task/Abbreviation: R-40711-007- -EMI DEFECTS - CORR			MJC: EXSYR004		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 1,258	ManDays: 19	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-40711-007)DEFECTS OR CASUALTIES DISCOVERED DURING EMI INSPECTION/TESTING REQUIRE CORRECTION.	PROVIDE ____ MANDAYS OF TECHNICAL SERVICES AND \$____ OF MATERIAL TO CORRECT GOVERNMENT RESPONSIBLE DEFECTS OR CASUALTIES DISCOVERED DURING EMI INSPECTION/TESTING. NOTE 1: MANDAY AND MATERIAL DETERMINATION WILL BE MADE AT THE WORK PACKAGE INTEGRATION CONFERENCE (WPIC). NOTE 2: THIS TASK COVERS EMI DISCREPANCIES NOT ALREADY INCLUDED AS PART OF OTHER REPAIRS DURING THE DEPOT AVAILABILITY.

Task/Abbreviation: R-40711-015- -EMI SURVEY - ACCOMP				MJC: EXSYR173		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 001	Matl Cost: 956	ManDays: 15	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-40711-015)ACCOMPLISHMENT OF AN EMI SURVEY IS REQUIRED.	ELECTROMAGNETIC INTERFERENCE (EMI) SURVEY - ACCOMPLISH THE FOLLOWING: A. CONDUCT A POST-PRODUCTION TOPSIDE VISUAL INSPECTION (2V-1) TO VERIFY THAT ALL APPLICABLE TOPSIDE EMI CONTROL MEASURES ARE INSTALLED. B. ANNOTATE THE APPLICABLE SHIP'S EMI CONTROL TOPSIDE ARRANGEMENT DRAWING, IDENTIFIED IN SEMCIP TECHNICAL ASSISTANCE NETWORK (STAN) (AT WWW.SEMCIP.COM), IN ACCORDANCE WITH NAVSEA STD DWG 407-5291780() TO IDENTIFY ANY LOCATION/QUANTITY CHANGES IN EXISTING TOPSIDE BOND STRAPS AND PROVIDE A COPY TO NAVSEA CODE 623. NOTE 1: NO NEW BOND STRAPS SHALL BE INSTALLED TOPSIDE EXCEPT FOR THOSE SHOWN IN THE APPLICABLE SHIP'S DRAWING UNLESS REQUIRED BY STAN. TESTING IN ACCORDANCE WITH NAVSEA STD DWG 407-5291780() INDICATES NEED OR APPROVAL BY NAVSEA CODE 623. MINIMUM BOND STRAP CONFIGURATION WILL BE ATTAINED BY ATTRITION. NOTE 2: TASK WILL BE ACCOMPLISHED FOLLOWING INDUSTRIAL AVAILABILITIES GREATER THAN 120 DAYS. NOTE 3: ACCOMPLISH PRIOR TO TASK R-40711-16. NOTE 4: TASK IS NORMALLY DONE BY THE RMC BUT CAN BE ASSIGNED TO THE DEPOT ACTIVITY FOR ACCOMPLISHMENT IN CONNECTION WITH THE INDUSTRIAL AVAILABILITY.

Task/Abbreviation: R-40711-016- -SHIP EMC CERT - PROV**MJC:** EXSYR174**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 001**Matl Cost:** 479**ManDays:** 27**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-40711-016)A SHIP EMC CERTIFICATION IS REQUIRED.

SHIP ELECTROMAGNETIC COMPATIBILITY (EMC) CERTIFICATION - PROVIDE A SHIP EMC CERTIFICATION IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA S9040-AA-GTP-010/SSCR REV 4, CHG 1 BY ACCOMPLISHING THE FOLLOWING: A. CONDUCT A VISUAL INSPECTION TO ENSURE THAT ALL FIXABLE CATEGORY (CAT) 1 AND 2 EMI PROBLEMS IDENTIFIED IN SEMCIP TECHNICAL ASSISTANCE NETWORK (STAN) (AT WWW.SEMCIP.COM) HAVE BEEN FIXED. B. CONDUCT A RECOGNITION TEST TO DETERMINE THE EFFECTS OF ALL CAT 1 AND 2 EMI PROBLEMS FOR WHICH NO FIX IS CURRENTLY AVAILABLE. C. CONDUCT AN AT-SEA HF INTERMODULATION INTERFERENCE (IMI) TEST (2R-1) TO DETERMINE THE LEVEL OF DETECTABLE IMI PRODUCTS. IMI SOURCES (3R-3) CAUSING IMI GREATER THAN 19TH ORDER SHALL BE REPORTED TO THE NSA/TYCOM FOR RESOLUTION. NOTE 1: TASK WILL BE DONE 6 MONTHS PRIOR TO DEPLOYMENT AND FOLLOWING INDUSTRIAL AVAILABILITIES GREATER THAN 120 DAYS. NOTE 2: ACCOMPLISH TASK R-40711-15 PRIOR TO THIS TASK. NOTE 3: TASK IS NORMALLY DONE BY THE RMC BUT CAN BE ASSIGNED TO THE DEPOT ACTIVITY FOR ACCOMPLISHMENT IN CONNECTION WITH THE INDUSTRIAL AVAILABILITY. NOTE 4: TASK R-40711-17 IS TO BE ACCOMPLISHED AFTER THIS TASK.

Task/Abbreviation: R-40711-017- -SHIP EMC CERT RPRT - PROV			MJC: EXSYR175		Rev Date: 6/9/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 001	Matl Cost: 200	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-40711-017)A SHIP EMC CERTIFICATION REPORT MUST BE PROVIDED AFTER ACCOMPLISHMENT OF THE SHIP EMC CERTIFICATION.	PROVIDE A SHIP ELECTROMAGNETIC COMPATIBILITY (EMC) CERTIFICATION REPORT AS REQUIRED BY NAVSEA S9040-AA-GTP-010/SSCR REV 4, CHG 1 TO NAVSEA CODE 623 WITH COPY TO THE NAVAL SUPERVISING ACTIVITY (NSA). NOTE 1: EMC CERTIFICATION IS NOT EXPECTED TO ADDRESS ALL SHIPBOARD EMI PROBLEMS ENCOUNTERED NOR INTENDED TO DENOTE THAT THE SHIP IS EMI-FREE ONCE CERTIFIED. NOTE 2: THE PRIMARY OBJECTIVE OF AN EMC CERTIFICATION IS TO ENSURE THAT FIXABLE CAT 1/2 EMI PROBLEMS ARE FIXED, REMAINING CAT 1/2 PROBLEMS ARE REPORTED AND THE IMI PRODUCTS GENERATED BY HF TRANSMISSIONS ARE 19TH ORDER OR BELOW. NO OTHER EMI IDENTIFIED ON THE SHIP IS A FACTOR TO BE CONSIDERED IN THE CERTIFICATION PROCESS (E.G., DOES NOT INCLUDE THE DISCOVERY OF NEW EMI PROBLEMS). NOTE 3: ACCOMPLISH THIS TASK IN CONJUNCTION WITH TASK R-40711-16.

Task/Abbreviation: I-40711-024- -NSSMS RDR ABSORB MATL-MRC KW34			MJC: EXECIIE2		Rev Date: 9/28/2008
RCM Analysis: 10/1/2007	Scheduled: Y	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 24	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-40711-024)RADAR ABSORBING MATERIAL (RAM) FOR THE NATO SEASPARROW MISSILE SYSTEM (NSSMS) DIRECTOR REQUIRES ASSESSMENT.	ACCOMPLISH THE RADAR ABSORBING MATERIAL (RAM) ASSESSMENT FOR THE NATO SEA SPARROW MISSILE SYSTEM (NSSMS) DIRECTORS AFTER THE START OF A CNO AVAILABILITY IAW WITH MRC KW34 AS FOLLOWS: 1. INSPECT NSSMS RADAR ABSORBING MATERIAL (RAM). REPORT CONDITIONS FOUND TO SHIP'S CSMP AND TO THE REGIONAL MAINTENANCE CENTER (RMC) MAINTENANCE TEAM. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. CONTACT WILLIAM MARKER NSWCDL, (540) 653-3489, FOR PLANNING PURPOSES.

Task/Abbreviation: I-40711-025- -SPN43 RDR ABSORB MATL-MRC KX94			MJC: EXECIIE2		Rev Date: 9/28/2008
RCM Analysis: 10/1/2007	Scheduled: Y	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 24	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-40711-025)RADAR ABSORBING MATERIAL (RAM) FOR THE AN/SPN-43() RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE RADAR ABSORBING MATERIAL (RAM) ASSESSMENT FOR THE AN/SPN-43() RADAR SET ONLY WHEN STAGING HAS ALREADY BEEN ERECTED ON THE ASSOCIATED MAST/PLATFORM. STAGING WILL NOT BE ERECTED FOR THE SOLE PURPOSE OF CONDUCTING THE RAM ASSESSMENT. ACCOMPLISH ASSESSMENT AFTER THE START OF CNO AVAILABILITY IAW WITH MRC KX94 AS FOLLOWS: 1. INSPECT AN/SPN-43() RADAR ABSORBING MATERIAL (RAM). REPORT CONDITIONS FOUND TO SHIP'S CSMP AND TO THE REGIONAL MAINTENANCE CENTER (RMC) MAINTENANCE TEAM. CORRECTIVE ACTION SHOULD BE TAKEN WHILE ASSOCIATED MAST/PLATFORM IS STAGED. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. CONTACT WILLIAM MARKER NSWCDL, (540) 653-3489, FOR PLANNING PURPOSES.

Task/Abbreviation: I-40711-026- -SLQ32 RDR ABSORB MATL-MRC LA02			MJC: EXECIIE2		Rev Date: 9/28/2008					
RCM Analysis: 10/1/2007		Scheduled: Y		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 1		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASLINE	(I-40711-026)RADAR ABSORBING MATERIAL (RAM) FOR THE AN/SLQ-32A(V)3 ELECTRONIC COUNTERMEASURES SET REQUIRES ASSESSMENT.	ACCOMPLISH THE RADAR ABSORBING MATERIAL (RAM) ASSESSMENT FOR THE AN/SLQ-32A(V)3 ELECTRONIC COUNTERMEASURES SET AFTER THE START OF CNO AVAILABILITY IAW WITH MRC LA02 AS FOLLOWS: 1. INSPECT AN/SLQ-32A(V)3, (V)4 RADAR ABSORBING MATERIAL (RAM) BARRIERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP AND TO THE REGIONAL MAINTENANCE CENTER (RMC) MAINTENANCE TEAM. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. CONTACT WILLIAM MARKER NSWCDL, (540) 653-3489, FOR PLANNING PURPOSES.

Task/Abbreviation: I-40711-027- -SPS48 RDR ABSORB MATL-MRC FMU9			MJC: EXECIIE2		Rev Date: 9/28/2008
RCM Analysis: 6/2/2008	Scheduled: Y	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 24	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-40711-027)RADAR ABSORBING MATERIAL (RAM) FOR THE AN/SPS-48() RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE RADAR ABSORBING MATERIAL (RAM) ASSESSMENT FOR THE AN/SPS-48() RADAR SET ONLY WHEN STAGING HAS ALREADY BEEN ERECTED ON THE ASSOCIATED MAST/PLATFORM. STAGING WILL NOT BE ERECTED FOR THE SOLE PURPOSE OF CONDUCTING THE RAM ASSESSMENT. ACCOMPLISH ASSESSMENT AFTER THE START OF CNO AVAILABILITY IAW WITH MRC FMU9 AS FOLLOWS: 1. INSPECT AN/SPS-48 () RADAR ABSORBING MATERIAL (RAM). REPORT CONDITIONS FOUND TO SHIP'S CSMP AND TO THE REGIONAL MAINTENANCE CENTER (RMC) MAINTENANCE TEAM. CORRECTIVE ACTION SHOULD BE TAKEN WHILE ASSOCIATED MAST/PLATFORM IS STAGED. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. CONTACT WILLIAM MARKER NSWCDL, (540) 653-3489, FOR PLANNING PURPOSES.

Task/Abbreviation: I-40711-029- -SPS73 RDR ABSORB MATL-MRC FMV1**MJC:** EXECIIE2**Rev Date:** 9/28/2008**RCM Analysis:** 6/2/2008**Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 24**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-40711-029)RADAR ABSORBING MATERIAL (RAM)
FOR THE AN/SPS-73 RADAR SET REQUIRES
ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE RADAR ABSORBING MATERIAL (RAM)
ASSESSMENT FOR THE AN/SPS-73 RADAR SET ONLY WHEN
STAGING HAS ALREADY BEEN ERECTED ON THE ASSOCIATED
MAST/PLATFORM. STAGING WILL NOT BE ERECTED FOR THE SOLE
PURPOSE OF CONDUCTING THE RAM ASSESSMENT. ACCOMPLISH
ASSESSMENT AFTER THE START OF CNO AVAILABILITY IAW WITH
MRC FMV1 AS FOLLOWS: 1. INSPECT AN/SPS-73 RADAR ABSORBING
MATERIAL (RAM). REPORT CONDITIONS FOUND TO SHIP'S CSMP
AND TO THE REGIONAL MAINTENANCE CENTER (RMC)
MAINTENANCE TEAM. CORRECTIVE ACTION SHOULD BE TAKEN
WHILE ASSOCIATED MAST/PLATFORM IS STAGED. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B. CONTACT WILLIAM MARKER NSWCDL, (540)
653-3489, FOR PLANNING PURPOSES.

Task/Abbreviation: K-41000-004- -TMP 10198 K ACCOMPLISH			MJC: EXSAKAD7		Rev Date: 7/5/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: 10198K
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	TMP 10198 K PEOC4I TW11 ISNS NGT - NOT ACCOMPLISHED	IN SUPPORT OF TRIDENT WARRIOR 11 (TW11) THE INTEGRATED SHIPBOARD NETWORK SYSTEM (ISNS) NEXT GENERATION TECHNOLOGY (NGT) EXPERIMENT WILL DEMONSTRATE SEVERAL KEY TECHNOLOGIES TO INCLUDE BLADE SERVER TECHNOLOGY IN SUPPORT OF APPLICATION SERVICE PROVIDER (ASP) CAPABILITIES. PMW-160 HAS ALSO DETERMINED THAT IT IS IMPORTANT THAT THESE TECHNOLOGIES BE EXPLORED IN DEPTH IN THE LABORATORY ENVIRONMENT, AS WELL AS DEMONSTRATED AT-SEA ON OPERATIONAL SHIPS AND IN SHORE SITES. EMBARKED SHIP RIDERS WILL OPERATE AND MAINTAIN THE NPC WHILE IT IS ONBOARD FOR THE TW11 EXPERIMENT. UPON COMPLETION OF TW11, ALL EQUIPMENT AND SUPPORT EQUIPMENT WILL BE REMOVED AND RESTORED TO ORIGINAL CONFIGURATION NLT 2011. PARM AND TPOC; NAME: TOM LOFTIS, SSC-PACIFIC, CODE 55160, EMAIL: THOMAS.O.LOFTIS@NAVY.MIL,PH. 619-204-0060

Task/Abbreviation: Q-41111-007- -AN/UYQ-21 - RPR/TST				MJC: CXECQ007		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 30,000	ManDays: 50	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-41111-007)AN/UYQ-21(V) DATA DISPLAY GROUP REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING MAINTENANCE ACTIONS TO THE AN/UYQ-21(V) DATA DISPLAY GROUP PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS FOLLOWS: A. CALIBRATE, TEST AND ADJUST EQUIPMENT. B. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

Task/Abbreviation: Q-41111-008- -AN/UYQ-21 - REPL/TST			MJC: CXECQ008		Rev Date: 4/1/1998
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 150,000	ManDays: 70	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-41111-008)AN/UYQ-21(V) DATA DISPLAY GROUP REQUIRES REPLACEMENT	REPLACE THE AN/UYQ-21(V) DATA DISPLAY GROUP PER CONDITION ASSESSMENT RECOMMENDATIONS. DISCONNECT AND REMOVE EQUIPMENT. SHIP EQUIPMENT TO DESIGNATED REPAIR POINT. INSTALL REPLACEMENT EQUIPMENT. CALIBRATE AND ADJUST EQUIPMENT. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

Task/Abbreviation: A-41111-022- -AER LHD1-00601 - ACCOMP			MJC: EXTYA537		Rev Date: 3/7/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 21,000	ManDays: 325	Alt No: TYLHD 00601
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-41111-22) AER LHD1-00601, REPL CLSD W/CLARITY DIG CLSD, NOT ACCOMPLISHED	ACCOMPLISH AER LHD1-00601 WHICH CORRECTS INADEQUATE CONDITION OF THE EXISTING COLOR LARGE SCREEN DISPLAYS (CLSD) BY REPLACING THEM WITH CLARITY LION (WN-6720-SX) 67 INCH DIGITAL CLSD OR EQUIVALENT. IN ADDITION, ELECTROSONICS DIRECTOR COMMANDER PROCESSORS WITH AUTO-DETECT CAPABILITY, WHICH EMULATES THE AUTO-SYNC FUNCTIONS REQUIRED FOR ANALOG DISPLAYS, WILL BE INSTALLED TO CONTROL THE DIGITAL CLSD.

Task/Abbreviation: O-41111-195- -SWD TSSS 2.2 - ACCOMP				MJC: EXSAO080		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:		Alt No: SWD 2.2 TSSS	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(O-41111-195) SWD 2.2E, TSSS UPGRADE, NOT ACCOMPLISHED				ACCOMPLISH SWD 2.2E WHICH PROVIDES AN UPGRADE TO THE TSSS SOFTWARE SYSTEM.					

Task/Abbreviation: K-41111-230- -SHIPALT LHD1-70579K - ACCOMP			MJC: EXSAK654		Rev Date: 6/2/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 70579 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-41111-230) SHIPALT LHD1-70579K, REPLACE ACDS LEGACY EQUIPMENT, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-70579K WHICH REPLACES LEGACY AN/SYQ-20(V) EQUIPMENT, UYH-3, RD-358/A AND USQ-69, WITH COMMERCIAL OFF THE SHELF (COTS) EMULATOR DEVELOPED UNDER AN/UYQ-70(V) PRODUCT LINE. REPLACEMENT REDUCES EQUIPMENT SPACE, WEIGHT AND POWER REQUIREMENTS. REPLACED EQUIPMENT HAS BECOME HARD TO MAINTAIN AND RESULTS IN INCREASED DOWN TIME FOR ACDS BLOCK 0 SYSTEM. REPLACEMENT OF THESE EQUIPMENTS CAN BE ACCOMPLISHED WITHOUT MODIFICATIONS TO EXISTING COMBAT SYSTEM SOFTWARE, HARDWARE OR CABLING. FOR NEW APPLICATIONS, THE RACK-BASED CONSOLE/NEXT GENERATION PERIPHERAL (RBC/NGP) IS AN EXCELLENT PROCESSING AND DISPLAY PLATFORM FOR EMERGING TACTICAL APPLICATIONS.

Task/Abbreviation: O-41111-231- -SWD 72358 ACDS BLK 0 - ACCOMP				MJC: EXSAK655	Rev Date: 6/2/2006
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 72358 ACDS
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-41111-231) SWD 72358- ACDS BLOCK 0 C10.27A LHD, NOT ACCOMPLISHED	ACCOMPLISH SWD 72358- ACDS BLOCK 0 C10.27A LHD WHICH PROVIDES ENHANCED CORRELATION/DECORRELATION PROCESSING AND INCORPORATION OF SINGLE INTEGRATED AIR PICTURE (SIAP) CAPABILITY.

Task/Abbreviation: K-41111-246- -SHIPALT LHD1-71930K - ACCOMP			MJC: EXSAK686		Rev Date: 9/22/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 140	Alt No: SALHD 71930 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-41111-246) SHIPALT LHD1-71930K - REPLACE ACDS BLOCK 1 LEGACY EQUIPMENT, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71930K - WHICH INSTALLS THE SSDS MK2 MOD 3A. IT CONSISTS OF THE REMOVAL OF ACDS BLOCK 1 CONFIGURATION AND THE UPGRADE OF THE SSDS MK2 EQUIPMENT. SEPARATE LHD 7 GUIDANCE DOCUMENT CONTAINING DETAILED CHANGES BY COMPARTMENT CAN BE OBTAINED FROM THE TECHNICAL POINT OF CONTACT. SPACES AFFECTED ARE: TACTICAL LOGISTICS & HELICOPTER LOGISTICS SUPPORT CENTER (02-73-2-C), PRIFLY (07-86-1-Q), PILOT HOUSE & BRIDGE WING (06-65-1-C), DEBARK CONTROL (06-86-3-C), EW EQPT RM (05-69-1-C), RADAR RM 2 (05-80-3-C), RADAR RM 3 (05-85-1-C), RADAR RM 4 (05-89-1-C), RADAR RM 1 (04-69-1-C), CIC (02-65-0-C), SACC (02-65-3-C), TACC (02-70-0-C), HDC (02-70-2-C), CMPTR RM & DPC (02-71-1-C), LFOC (02-73-0-C), FLAG PLOT (02-77-0-C), SSES (02-85-4-C).

Task/Abbreviation: O-41111-248- -SWD 73350 TSSS 2.3.1 - ACCOMP				MJC: EXSAO184		Rev Date: 11/16/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No: SWD 73350	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-41111-248) SWD 73350 TSSS 2.3.1 TSSS 2.3.1 SOFTWARE UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SWD 73350 TSSS 2.3.1 SOFTWARE UPGRADE, WHICH THE TSSS 2.3 WAS DEVELOPED TO PROVIDE DIGITAL I/Q STIMULATION OF THE SPQ-9B RADAR BASED UPON THE SIMULATED ENVIRONMENT PROVIDED BY BFTT AND THE CURRENT OPERATING MODE OF THE SPQ-9B RADAR. THE TSSS 2.3.1 PATCH ADDRESSES ISSUES WITH THE NSSMS AND SPQ-9B STIMULATORS AND A HIGH STR. TSSS 2.3.1 WAS DEVELOPED TO INCORPORATE CORRECTIONS TO NSSMS STEP BIT AND VELOCITY GATE SIGNAL CHANGES, A FIX TO THE TSSS INTERFACE REQUIRED FOR SPQ-9B TUP OPERABILITY, AND A HIGH PRIORITY STR CORRECTION FOR THE SPQ-9B APPLICATION ID NUMBER. POC: DAVID KRUTE, 202-781-2105, DAVID.KRUTE@NAVY.MIL.

Task/Abbreviation: O-41111-296- -FC 76661 - ACCOMP				MJC: CXSAOA60	Rev Date: 11/25/2008
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 5	Alt No: FC 76661
Referenced Authority:	Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-41111-296) FC 76661, SACC-A SOFTWARE VERSION 1.2 UPGRADE , NOT ACCOMPLISHED	ACCOMPLISH FC 76661 WHICH WILL UPGRADE SACC-A SOFTWARE FROM VERSION 1.1 TO VERSION 1.2. THE SACC-A SOFTWARE VERSION 1.2 WILL REPLACE THE AFATDS PROGRAM VERSION 6.4.X WITH VERSION 6.5.X. THE NEW SOFTWARE WILL PROVIDE ENHANCED CAPABILITIES AND CORRECT THE DEFICIENCIES THAT WERE REPORTED AGAINST THE OLDER VERSION. THE NEW SOFTWARE WILL ALSO ENHANCE DIGITAL COMMUNICATIONS WITH NFCS ONBOARD DDG SHIPS. WHILE SACC-A SOFTWARE COMPONENTS REMAIN THE SAME, ONLY THEIR VERSIONS WILL BE THE CHANGED FOR THIS UPGRADE ONBOARD LHA AND LHD.

Task/Abbreviation: K-41111-338- -SCD 75275 SSDS MK2 UPG- ACCOM**MJC:** CXSAK697**Rev Date:** 7/6/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:** 75275K**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-41111-338) SHIPALT 75275K SSDS MK2 MLC
UPGRADE , NOT ACCOMPLISHEDACCOMPLISH SHIPALT 75275K SSDS MK2 MLC UPGRADE WHICH
CONSOLIDATES ECPS THAT UPGRADE MLCS WITHIN SSDS MK 2
SYSTEM: ECP 96R4 UPGRADES FIRMWARE, ECP 98R2 AND 153R1
CORRECTS INCORRECT CABLE LENGTH, ECP 95 REPLACES THE
INCORRECT CONNECTORS, ECP 155 CORRECTS SHOCK AND
VIBRATION FAILURES.. ALL FOUR ECPS WILL ENSURE A MORE
RELIABLE SSDS MK 2 SYSTEM. THIS CHANGE ALSO INCLUDES THE
MLC INSULATION AND WIRING UPGRADE. THE RUBBER BOOT WILL
BE REMOVED AND REPLACED WITH HEAT SHRINK MATERIAL. PARM
POC: TOM DELUCA, CODE: PEO IWS 1TD, PHONE: 202 782-2013,
EMAIL: THOMAS.DELUCA@NAVY.MIL TECHNICAL POC: DAVE LABBE,
CODE: NSWC DN F32, PHONE: 757 492-7709, EMAIL:
DAVID.LABBE@NAVY.MIL

Task/Abbreviation: I-41111-A01- -AN/KSQ-1 AADS			MJC: EXECIKE2		Rev Date: 3/28/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-41111-A01)THE AN/KSQ-1 AMPHIBIOUS ASSAULT DIRECTION SYSTEM (AADS) REQUIRES INSPECTION AND TEST.	ACCOMPLISH THE AN/KSQ-1 AMPHIBIOUS ASSAULT DIRECTION SYSTEM (AADS) INSPECTION AND TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-41211-002- -TAC DATA PRCSG GP - RPR/TST			MJC: CEXECQ009		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,000	ManDays: 30	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-41211-002)TACTICAL DATA PROCESSING GROUP REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING MAINTENANCE ACTIONS TO THE TACTICAL DATA PROCESSING GROUP PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS FOLLOWS: A. CALIBRATE, TEST AND ADJUST EQUIPMENT. B. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

Task/Abbreviation: Q-41211-003- -TAC DATA PRCSG GP - REPL/TST			MJC: CXECQ010		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 100,000	ManDays: 40	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-41211-003)TACTICAL DATA PROCESSING GROUP REQUIRES REPLACEMENT	REPLACE THE TACTICAL DATA PROCESSING GROUP PER CONDITION ASSESSMENT RECOMMENDATIONS. DISCONNECT AND REMOVE EQUIPMENT. SHIP TO DESIGNATED REPAIR POINT. INSTALL REPLACEMENT EQUIPMENT. CALIBRATE AND ADJUST EQUIPMENT. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

Task/Abbreviation: I-41211-048- -AN/UYK-43A - MRC NQ99				MJC: CXECI188	Rev Date: 7/20/2010
RCM Analysis: 8/2/2004	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-41211-048)THE AN/UYK-43A COMPUTER SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UYK-43A COMPUTER SET ASSESSMENT IN ACCORDANCE WITH MRC NQ99 AS FOLLOWS: 1. PERFORM AN/UYK-43A COMPUTER MATERIAL CONDITION INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-41211-073- -MK-162 SGS CMPTR - MRC A1P6			MJC: CXCIA63		Rev Date: 3/20/2009					
RCM Analysis: 8/2/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-41211-073)THE MK-162 MOD 0/1 GRIDLOCK SYSTEM COMPUTER REQUIRES ASSESSMENT.	ACCOMPLISH THE MK-162 MOD 0/1 GRIDLOCK SYSTEM COMPUTER ASSESSMENT IN ACCORDANCE WITH MRC A1P6 AS FOLLOWS: 1. PERFORM MK-162 MOD 0/1 GRIDLOCK PROGRAMMED OPERATIONAL FUNCTIONAL APPRAISAL (POFA) (MK-162 TO AN/UYK-43A,C). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-41211-095- -UYK43 TO UYK20 OR 44- MRC A1S3**MJC:** CXCIBI7**Rev Date:** 10/25/2010**RCM Analysis:** 9/6/2004**Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 24**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-41211-095)THE AN/UYK-43 TO AN/UYK-20 OR THE AN/UYK-43 TO AN/UYK-44 REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/UYK-43 TO AN/UYK-20 ASSESSMENT OR THE AN/UYK-43 TO AN/UYK-44 ASSESSMENT IN ACCORDANCE WITH MRC A1S3 AS FOLLOWS: 1. PERFORM (AN/UYK-43A,C TO AN/UYK-20) PROGRAMMED OPERATIONAL FUNCTIONAL APPRAISAL (POFA). 2. PERFORM (AN/UYK-43A,C TO AN/UYK-44) PROGRAMMED OPERATIONAL FUNCTIONAL APPRAISAL (POFA). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-41211-111- -AN/UYK-43A, C - MRC A2B2**MJC:** CXCIBX1**Rev Date:** 10/5/2010**RCM Analysis:** 3/7/2005**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:(I-41211-111)THE AN/UYK-43A COMPUTER SET
REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE AN/UYK-43A COMPUTER SET ASSESSMENT IN
ACCORDANCE WITH MRC A2B2 AS FOLLOWS: 1. INITIALIZE
AN/UYK-43A,C COMPUTER STANDARD TEST DRIVER. REPORT
CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: K-41211-115- -SHIPALT LHD1-70290K - ACCOMP			MJC: CXSAK094		Rev Date: 5/3/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 70290 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-41211-115) SHIPALT LHD1-70290K, BFTT ADNS UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-70290K WHICH INSTALLS THE BFTT AND ADNS SYSTEMS. THIS ADDS A SINGLE FIBER OPTIC JUNCTION BOX, AND TWO FIBER OPTIC CABLES BETWEEN THE BFTT AND RADIO ROOM COMPARTMENTS. AS DESCRIBED IN BFTT FIELD CHANGE 58, EXISTING FIBERS WILL BE RE-TERMINATED IN THE ADNS FLLI JUNCTION BOXES. POC: STEVEN LAWYER, 812-854-8645, STEVEN.LAWYER@NAVY.MIL.

Task/Abbreviation: O-41211-116- -SWD RLSE 2.1.7 USG-2 - ACCOMP				MJC: EXSAO081		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:		Alt No: SWD 2.1.7 USG	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-41211-116) SWD 2.1.7, CEC SOFTWARE RELEASE, NOT ACCOMPLISHED	ACCOMPLISH SWD 2.1.7 (SCD 902) WHICH PROVIDES QUALITY CONTROLLED RELEASE OF 2.1.7QC_USG2_TR (TECH REFRESH) CEC COMPUTER PROGRAM CONFIGURATION ITEMS REQUIRED FOR USE WITH THE AN/USG-2 CEC SYSTEM AS INTEGRATED WITH AWS 6.1.7, SSDS MK2 MOD 1 & 2. THE MAJOR CHANGE APPLICABLE TO THIS RELEASE IS TO PROVIDE SOFTWARE FOR THE FSEC LTN/CEPN COORDINATION FOR AEGIS/E-2C/SSDS.

Task/Abbreviation: O-41211-117- -SWD SGSAC B/L 6.0.7 - ACCOMP			MJC: EXSAO082		Rev Date: 5/17/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: SWD 6.0.7 SGS
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-41211-117) SWD SGSAC B/L 6.0.7 SGS/AC, SGSAC B/L 6.0.7, NOT ACCOMPLISHED	ACCOMPLISH SWD SGSAC B/L 6.0.7 SGS/AC WHICH UPGRADES THE COMPUTER PROGRAM TO SGS/AC B/L 6.0.7 WHICH INCORPORATES THE FOLLOWING: ENABLES JOINT CORRELATION COORDINATION WITH TRANSMIT AND RECEIVE CAPABILITY OF THE LINK 16 J7; MESSAGE (SFI OAG CHANGE); COOPERATIVE ENGAGEMENT PROCESSOR TRACK NUMBER/LINK TRACK NUMBER (CEPN/LTN) PAIRING TO MINIMIZE TRACK BLOOMING ON CEC EQUIPPED SHIPS AND ENABLES EXISTING SGS/AC ETHERNET INTERFACE TO PROVIDE ONE-WAY DATA TRANSFER OF TACTICAL DATA LINK (TDL) REPORTS TO TIPOFF.

Task/Abbreviation: O-41211-118- -SWD WIN2003 JATDI/OOMA - ACOMP			MJC: EXSAO083		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:	Alt No: SWD WIN2003	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-41211-118) SWD WIN2003, UPGRADE WIN NT 2000 TO WIN 2003, NOT ACCOMPLISHED	ACCOMPLISH SWD WIN2003 WHICH UPDATES THE SOFTWARE ON THE OOMA AND JATDI SERVERS TO WIN 2003 DUE TO WIN NT 200 UNSUPPORTABILITY.

Task/Abbreviation: Q-41211-120- -AN/UYK-43A CCA-REPL			MJC: CEXECQ141		Rev Date: 2/6/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 5,235	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-41211-120)AN/UYK-43A COMPUTER CIRCUIT CARD ASSEMBLY(CCA)/MODULE FAULTY.	REPAIR/REPLACE CIRCUIT CARD ASSEMBLY (CCA). ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-41211-122- -MK-162 SGS CCA-REPL			MJC: CXCQ143		Rev Date: 9/7/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 4,741	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-41211-122)MK-162 SGS CIRCUIT CARD ASSEMBLY FAULTY.	REPAIR/REPLACE CIRCUIT CARD ASSEMBLY. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-41211-123- -MK-162 SGS PWR SPLY-REPL			MJC: CEXECQ144		Rev Date: 9/7/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 22,593	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-41211-123)MK-162 SGS POWER SUPPLY FAULTY.	REPAIR/REPLACE POWER SUPPLY. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-41211-124- -MK-162 SGS RIMM-REPL			MJC: CEXECQ145		Rev Date: 9/7/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 10,418	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-41211-124)MK-162 SHIP GRIDLOCK SYSTEM REMOVABLE MAGNETIC MEDIA (RIMM) FAULTY.	REPLACE SGS REMOVABLE MAGNETIC MEDIA. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-41211-125- -MK-162 SGS CBL-REPL			MJC: CEXECQ146		Rev Date: 9/7/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 100	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-41211-125)MK-162 SGS INPUT/OUTPUT CABLE WORN AND DEFECTIVE.	REPLACE SGS INPUT/OUTPUT CABLE. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: O-41211-130- -SWD 72446 SGS/AC - ACCOMP			MJC: CXSAO252		Rev Date: 9/25/2006	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 72446	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-41211-130) SWD 72446 SGS/AC, SGS/AC B/L 6.0.7.3 SOFTWARE UP, NOT ACCOMPLISHED	ACCOMPLISH SWD 72446 SGS/AC (EQUIVALENT TO SCD 2446)) WHICH SATISFIES INTEROPERABILITY REQUIREMENTS FROM THE JOINT TACTICAL DATA LINK (TDL) AND BMD COMMUNITIES AS WELL AS CORRECTS DEFICIENCIES NOTED BY OPTEVFOR DURING THE CEC OPERATIONAL EVALUATION (OPEVAL). B/L 6.0.7.3 PROVIDES SOFTWARE CORRECTIONS TO LEGACY ALT SGS/AC B/L 6.0.7. THIS UPGRADE CORRECTS TWO EMERGENT HIGH PRIORITY ISSUES; ONE REPORTED BY CASREP USS RONALD REAGAN 102251ZJAN06/CAT: 2 AND ONE AS A RESULT OF AEGIS BALLISTIC MISSILE DEFENSE (BMD) ENGINEERING TESTING. THESE CORRECTIONS IMPROVE LONG RANGE TACTICAL AWARENESS AT THE COMBAT SYSTEM. IN ADDITION, THIS BUILD ALSO IMPLEMENTS 12 SOFTWARE CORRECTIONS FROM PREVIOUS SGS/AC B/L 6.0.7.2, WHICH PROVIDES CORRECTIONS TO BATTLEFORCE CORRELATION COORDINATION CAPABILITY/J7.2 MESSAGE PROCESSING, REMOTE TRACK PROCESSING, AND INTERFACE CARD ERROR PROCESSING, AND PREVENTS TRANSMISSION OF A DATA BLOCK THAT CANNOT BE PROCESSED BY THE HOST COMBAT SYSTEM. POC: ANITA BUTLER 540-653-1272, ANITA.BUTLER1@NAVY.MIL

Task/Abbreviation: O-41211-131- -SWD SGSAC B/L 5.2.0 - ACCOMP				MJC: EXSAO159		Rev Date: 6/27/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No: SWD 5.2.0 SGS	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-41211-131) SWD SGSAC B/L 5.2.0, NOT ACCOMPLISHED	ACCOMPLISH SWD SGSAC B/L 5.2.0 WHICH SGS/AC PROVIDES THE REQUIRED DATA REGISTRATION AND LOCAL TO REMOTE CORRELATION FOR THE HOST COMBAT SYSTEM. SGS/AC B/L 5.2 IMPLEMENTS CHANGES TO THE TACTICAL DATA LINK (TDL) MILITARY STANDARDS MIL-STD 6011 AND MIL-STD 6016 WITH RESPECT TO SURVEILLANCE TRACK AND PU/IU CORRELATION. IN PARTICULAR, B/L 5.2 1) SUPPORTS EXCHANGE OF CORRELATION INFORMATION ACROSS THE BATTLE FORCE VIA LINK 11 M.9B (AC=7) AND LINK 16 J7.2 MESSAGES AND 2) IMPLEMENTS THE MIL-STD 6011 AND 6016 TRACK QUALITY-BASED CORRELATION ALGORITHM, INCLUDING TAILORABLE PARAMETERS AND TRACK NUMBER RETENTION GUIDELINES.

Task/Abbreviation: O-41211-134- -SWD 71002 O - ACCOMP			MJC: CXSAO401		Rev Date: 7/13/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 4	Alt No: SWD 71002 0
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-41211-134) SWDý71002ý0, SWDýIRRIýV2.0, NOT ACCOMPLISHED	ACCOMPLISH SWD 71002 0, WHICH PROVIDES A COMPREHENSIVE SYSTEM TO ACCURATELY AND OBJECTIVELY STORE AND FORWARD DATA USED TO MEASURE READINESS IN A TIMELY MANNER TO ENSURE RESPONSIVENESS TO SUPPORT NATIONAL COMMAND AUTHORITY REVIEW OF CRUCIAL NATIONAL SECURITY ISSUES. IRRI IS A SERVICES ORIENTED ARCHITECTURE (SOA) WHICH PROVIDES HETEROGENEOUS COMMUNICATIONS ARCHITECTURE THAT SUPPORTS NEAR REAL TIME READINESS DATA COLLECTION/TRANSPORT OVER HTTPS TO STORE/FORWARD DATA OVER COLLABORATION AT SEA, SALTS AND SMTP. LEGACY SUPPORT FOR AUTODIN/DMS IS INCLUDED. POC: RICHARD STANFORD, 757-836-5241, RICHARD.STANFORD@NAVY.MIL OR MANUEL ALCALA, 619-437-3090, MANUEL.ALCALA@NAVY.MIL

Task/Abbreviation: K-41211-135- -SHIPALT LHD1-73053K - ACCOMP			MJC: CXSAK186		Rev Date: 9/21/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays:	Alt No: SALHD 73053 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-41211-135) SHIPALT LHD1-73053K - LHD CAPSTONE FIXES FOR BFTT, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-73053K WHICH THIS ALTERATION WILL: (1) REMOVE TWO PIECES OF EQUIPMENT, THE TSSS PERMISSION-TO-TRAIN (PTT) SWITCH AND THE BFTT GPS ANTENNA, (2) RELOCATE THE BFTT NAVSIM UNIT TO THE NAVSSI RACK IN THE COMPUTER ROOM/DPC, AND (3) SWAP THE BFTT DATA COLLECTION MODULE (DCM) FOR THE BFTT DATA COLLECTION SYSTEM (DCS) USED ON SSDS SHIPS. THE DCM AND DCS USE THE SAME CHASSIS AND ONLY DIFFER INTERNALLY. THEREFORE, SWAPPING THE DCM FOR THE DCS WILL NOT ALTER THE 3D FOOTPRINT NOR NEGATIVELY IMPACT THE SHIP'S DISTRIBUTIVE SYSTEMS. IN ADDITION TO THE EQUIPMENT CHANGES, SSDS MULTI-LAU CABINET NO. 1 WILL BE PLACED ON THE BFTT STOW LAN VIA SOME CABLE CHANGES. WITH THE BFTT IRIG TIME SOURCE CHANGING FROM THE REMOVED GPS ANTENNA TO NAVSSI, THE CABLE BETWEEN BFTT AND THE WSN-7 SYSTEM WILL BE RE-ROUTED TO NAVSSI. THE IMPACT OF EQUIPMENT CHANGES WILL NOT AFFECT THE PHYSICAL SIZE OR DESIGNATION OF COMPARTMENTS. THE BFTT INSTALLATION DRAWINGS SHALL BE DEVELOPED UTILIZING THE BFTT INSTALLATION CONTROL DRAWINGS (ICDS), AS GUIDANCE.

Task/Abbreviation: I-41211-138- -AN/UYK-43A (JRMCM) - ASSESS			MJC: CXCICW6		Rev Date: 10/25/2010					
RCM Analysis: 8/2/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
JRMC LHD 2	(I-41211-138)THE AN/UYK-43A COMPUTER SETS REQUIRE ASSESSMENT. THIS ASSESSMENT PROCEDURE HAS BEEN WRITTEN FOR USE BY OFF SHIP MATERIAL CONDITION ASSESSMENT TEAMS AND IS NOT INTENDED FOR SHIP"S FORCE ACCOMPLISHMENT.	ACCOMPLISH ON ALL AN/UYK-43A COMPUTER SETS (ACDS, ITAWDS) ASSESSMENT IN ACCORDANCE WITH (AS APPLICABLE) MRC A1E0, A1E1 AND A1S3. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE MATERIAL CONDITION REPORT TO PROJECT TEAM.

Task/Abbreviation: O-41211-142- -SWD 73000 SGS/AC - ACCOMP			MJC: EXSAO203		Rev Date: 1/30/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 5.2.1 SGS
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-41211-142) SWD 73000 SGS/AC B/L 5.2.1 SOFTWARE UP, NOT ACCOMPLISHED	ACCOMPLISH SWD 73000 SGS/AC B/L 5.2.1 WHICH SGS/AC B/L 5.2.1 PROVIDES SOFTWARE CORRECTIONS TO LEGACY ALT SWD B/L 5.2.0 SGS/AC. THESE SOFTWARE CORRECTIONS IMPROVE INTERFACE STABILITY BY: INCREASING THE ACDS INPUT BUFFER SIZE FROM ACDS FROM 128 TO 1022 16-BIT WORDS (ICR-003-003 TO WS 19704), IMPROVING THE INTERFACE ERROR PROCESSING, AND INCREASING INTERFACE POLLING FREQUENCY. IN ADDITION, IT INCORPORATES CORRECTIONS TO CORRELATION/DECORRELATION (J7.2 AND M.9B (AC=7) LINK MESSAGE) PROCESSING. POC, BRAD CLARK, 540-653-5426, DAVID.B.CLARK1@NAVY.MIL.

Task/Abbreviation: I-41511-019- -LINK 11 - INSP/TST			MJC: OXECI043		Rev Date: 10/27/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-41511-019)LINK 11 SYSTEM REQUIRES INSPECTION.	INSPECT AND TEST LINK 11 SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-41511-022- -AN/USQ-125V4 DTS - MRC A1R0			MJC: CEXECIBD6		Rev Date: 10/27/2010
RCM Analysis: 3/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-41511-022)THE AN/USQ-125 DATA TERMINAL SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/USQ-125 DATA TERMINAL SET ASSESSMENT IN ACCORDANCE WITH MRC A1R0 AS FOLLOWS: 1. PERFORM AN/USQ-125 TO UYK-43A,C LINK-11 PROGRAMMED OPERATIONAL FUNCTIONAL APPRAISAL (POFA). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-41511-024- -AN/SSW-1D DATA TERM - MRC A1H1**MJC:** CXECIBE6**Rev Date:** 10/4/2010**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:(I-41511-024)THE AN/SSW-1D DATA TERMINAL SET
LINK-4A REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE AN/SSW-1D DATA TERMINAL SET LINK-4A
ASSESSMENT IN ACCORDANCE WITH MRC A1H1 AS FOLLOWS: 1.
PERFORM (LINK-4A TO AN/UYK-43A,C) DATA TERMINAL SET
PROGRAMMED OPERATIONAL FUNCTIONAL APPRAISAL (POFA).
REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: I-41511-025- -AN/SSW-1D DATA TERM - MRC A1H2			MJC: CEXECIBE7		Rev Date: 10/4/2010					
RCM Analysis: 8/2/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-41511-025)THE AN/SSW-1D DATA TERMINAL SET LINK-4A REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SSW-1D DATA TERMINAL SET LINK-4A ASSESSMENT IN ACCORDANCE WITH MRC A1H2 AS FOLLOWS: 1. PERFORM (LINK-4A TO AN/UYK-7) DATA TERMINAL SET PROGRAMMED OPERATIONAL FUNCTIONAL APPRAISAL (POFA). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-41511-035- -AN/SSW-1D CBL-REPL			MJC: CEXECQ147		Rev Date: 9/7/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 80	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-41511-035)AN/SSW-1D DATA TERMINAL SET LINK-4A CABLE BROKEN.	REPAIR/REPLACE DATA TERMINAL CABLE. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: K-41511-038- -SHIPALT LHD1-00501K - ACCOMP				MJC: EXSAK653		Rev Date: 5/31/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 400,000		ManDays: 2000		Alt No: SALHD 00501 K	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-41511-38) SHIPALT LHD-00501K - COMMUNICATION DATA LINK SYSTEM, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD-00501K, WHICH INSTALLS THE CDLS CONSISTING OF FIVE RACKS AND TWO ANTENNAS. CONTROL-MONITOR GROUP (CMG), UNIT 1. TWO USER INTERFACE GROUPS (UIG), UNITS 2 AND 4. TWO ANTENNA GROUPS (AG), UNITS 3 AND 5. THE AG ALSO INCLUDES TWO DECK-MOUNTED ANTENNAS. THE CDLS WILL ALSO BE USED TO REPLACE THE CURRENTLY FIELDDED COMMON HIGH BANDWIDTH DATA LINK - SURFACE TERMINAL (CHBDL-ST) AN/USQ-123A(V) AND AN/USQ-123B(V) SYSTEMS. POC: DAVE EDWARDS, 858-537-8620, DAVID.EDWARDS@NAVY.MIL.

Task/Abbreviation: K-41511-044- -SHIPALT LHD1-03048.1K - ACCOMP			MJC: EXSAK734		Rev Date: 4/23/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 150,000	ManDays: 1088	Alt No: SALHD 3048.1 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-41511-44) SHIPALT LHD1-03048.1K R2 - (CHBDL-ST) AN/USQ-123B(V), NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03048.1K R2 - (CHBDL-ST) AN/USQ-123B(V), WHICH INSTALLS THE AN/USQ-123B(V) COMMON HIGH BANDWIDTH DATA LINK SURFACE TERMINAL ON LHD CLASS VESSELS. POC: DAVE EDWARDS, 858-537-8620, DAVID.EDWARDS@NAVY.MIL.

Task/Abbreviation: O-41511-054- -EC 75320 TSQ214 EC-10 - ACCOMP				MJC: CXSAO902		Rev Date: 2/26/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 2		Alt No: EC 75320	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-41511-54) EC 75320 TSQ214 EC-10 V12.2.0 SW, ADSI AN/TSQ-214 SW 12.2.0 UPGD, NOT ACCOMPLISHED	ACCOMPLISH EC 75320 TSQ214 EC-10 V12.2.0 SW WHICH INSTALLS A SOFTWARE PATCH TO ADSI FOR PROCESSING CORRECTLY 1553 BUS DATA RECEIVED VIA A PASSIVE TAP OF MOD4 UYK-43 C2P COMBAT SYSTEMS.

Task/Abbreviation: K-41511-055- -SHIPALT LHD1-70720K - ACCOMP			MJC: CXSAK420		Rev Date: 3/3/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 70720 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-41511-55) SHIPALT LHD1-70720K, PEOC4I VIDEO INTERFACE GROUP, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-70720K WHICH WILL INSTALL THE VIG, OL-711/USQ, WHICH WILL BE A TOTALLY GOVERNMENT FURNISHED EQUIPMENT (GFE) SUPPORTED BY SPAWARSYSCEN SAN DIEGO (N66001). THE VIG IS ONE RACK WHICH WILL CONSIST OF A COTS POWER DISTRIBUTION PANEL (PDP), AN AUDIO DISTRIBUTION UNIT (ADU), AN AVIATION HEADSET, A COTS KEYBOARD, VIDEO, MOUSE (KVM) SWITCH, A COMMAND CONSOLE (CC), A VIDEO INTERFACE UNIT (VIU), A VIDEO DISPLAY WORKSTATION (VDW), NETWORK SWITCHING UNIT (NSU), AND A COTS UNINTERRUPTIBLE POWER SUPPLY (UPS).

Task/Abbreviation: K-41511-062- -SHIPALT LHD1-71551K - ACCOMP			MJC: EXSAK907		Rev Date: 3/1/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SA LHD-71551K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-41511-62) SHIPALT LHD1-71551K - CNI FOR LHA & LHD - HARDWARE, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71551K WHICH WILL INSTALL COMMON NETWORK INTERFACE (CNI) FLIGHT 0 COMMERCIAL OFF-THE-SHELF (COTS) PROCESSORS, AND INSTALL OR UTILIZE EXISTING WORKSTATIONS AND LARGE SCREEN DISPLAYS IN ESG SPACES. A SEPARATE CNI SCD (4316) WILL ADDRESS THE INITIAL COMPUTER PROGRAM INSTALLATION. CNI WILL PROVIDE AN OPEN ARCHITECTURE (OA) ENTRY POINT ON LHA/LHD PLATFORMS TO ENABLE THE INTRODUCTION OF FUTURE OPERATIONAL CAPABILITY UPGRADES, AND WILL BE OA COMPUTING ENVIRONMENT CATEGORY 3 COMPLIANT. CNI WILL INTERFACE WITH LINK 16 (MODEL 5 TAXONOMY MONITORING THE 1553B BUS), AND NAVIGATION SYSTEMS. CNI PROVIDES INCREASED SITUATIONAL AWARENESS FOR THE EXPEDITIONARY STRIKE GROUP EMBARKED COMMANDER AND STAFF. CNI WILL FUNCTION AS A HOST FOR TACTICAL DECISION AID PROGRAMS, SUCH AS, SONAR TACTICAL DECISION AID (STDA), SPECIAL OPERATIONS FORCES TOOLS (SOFTTOOLS), OPEN OFFICE, AND SECRET INTER PROTOCOL NETWORK (SIPRNET) CHAT. POC: RICHARD BEAL, 540-469-9767 OR 919-323-5838, RICHARD.BEAL@NGC.COM OR ANTHONY THOMPSON, 202-781-0902, ANTHONY.THOMPSON3@NAVY.MIL OR PAUL BROWN, 619-437-2371, PAUL.E.BROWN@NAVY.MIL.

Task/Abbreviation: K-41511-067- -EC 79527 TSQ214 EC-11 - ACCOMP			MJC: EXSAKAC3		Rev Date: 9/29/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No: EC 79527
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-41511-067) EC 79527 TSQ214 EC-11 V14.1, NOT ACCOMPLISHED	AIT-ACCOMPLISH EC 79527 TSQ214 EC-11 V14.1 SOFTWARE MAINTENANCE RELEASE CONSISTING OF AN UPGRADE TO THE CURRENT WINDOWS OPERATING SYSTEM, SIMPLIFICATION OF THE HUMAN SYSTEMS INTERFACE (HSI) AND CORRECTION OF SEVERAL DOCUMENTED SOFTWARE TROUBLE REPORTS (STR'S).

Task/Abbreviation: A-41511-102- -SA 79851 SACC-A HARDWARE INST				MJC: EXTAAZ6		Rev Date: 8/24/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 5		Alt No: SA 79851 SACC	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	SA 79851 SACC-A HARDWARE INST NOT ACCOMPLISHED	THE SUPPORTING ARMS COORDINATION CENTER AUTOMATION (SACC-A) SYSTEM ON REQUISITE LHA/LHD PLATFORMS REQUIRES UPGRADED HARDWARE CONFIGURATION IN ORDER TO MEET UPGRADED SYSTEM REQUIREMENTS AND SUPPORT JOINT FORCES AND EMBARKING MARINE EXPEDITIONARY UNITS (MEU). THIS CHANGE IS BEING SUBMITTED CONCURRENTLY WITH SCD 9853 IN ORDER TO MEET MEU AND SACC-A SYSTEM REQUIREMENTS AND AVOID COMPATIBILITY ISSUES THAT MAY RESULT IN BLUE ON BLUE ENGAGEMENT. CONCURRENCE GRANTED BY PEO SHIPS SAM CAPITANO ON 4/9/10 TO PROCEED WITH EMERGENT NON PERMANENT SCD.

Task/Abbreviation: A-41511-103- -SA 79853 R2 SACC-A SW UPGR				MJC: EXTAAZ9		Rev Date: 9/1/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 5		Alt No: SA 79853	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	SA 79853 R2 SACC-A SW UPGR NOT ACCOMPLISHED NPC	THE SUPPORTING ARMS COORDINATION CENTER - AUTOMATION (SACC-A) SYSTEM ON REQUISITE LHA/LHD PLATFORMS REQUIRES UPGRADED COMPUTER SOFTWARE PROGRAM IN ORDER TO SUPPORT NEW SOFTWARE RELEASES BEING FIELDDED BY THE EMBARKING MARINE EXPEDITIONARY UNITS (MEU) AND JOINT FORCES. THIS CHANGE IS BEING SUBMITTED CONCURRENTLY WITH SCD 9851 IN ORDER TO MEET MEU AND SACC-A SYSTEM REQUIREMENTS AND AVOID COMPATIBILITY ISSUES THAT MAY RESULT IN BLUE ON BLUE ENGAGEMENT. CONCURRENCE GRANTED BY PEO SHIPS SAM CAPITANO ON 4/9/10 TO PROCEED WITH EMERGENT NON PERMANENT SCD.

Task/Abbreviation: I-42211-001-A-NAV LIGHTS - INSP/CERT**MJC:** CEXECIBE2**Rev Date:** 12/3/2007**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** X**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** X**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3

EXECUTIVE ORDER 11964 DATED 19 JAN 1977, COLREGS, 1972 GC:590100,MA:2900

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-42211-001)THE NAVIGATION LIGHTS REQUIRE CERTIFICATION.

INSPECT THE NAVIGATION LIGHTS TO ENSURE THEY ARE IN COMPLIANCE WITH EXECUTIVE ORDER 11964 DTD 19 JAN 1977, "IMPLEMENTATION OF THE CONVENTION ON THE INTERNATIONAL REGULATIONS FOR PREVENTING COLLISIONS AT SEA, 1972." PROVIDE A CERTIFICATION REPORT AS REQUIRED IN COMNAVSEASYS COM LTR 9422 OPR:56Z11 SER 56ZB/56Z1-73 DATED 23 AUGUST 1992. NOTE: TASK IS INITIATED BY TYCOMS AT THE COMPLETION OF AN AVAILABILITY WHEN INSTALLATION OF EQUIPMENT MAY IMPACT THE ARCS OF VISIBILITY. MINOR REPAIRS/REPLACEMENTS OF NAV LIGHTS AND CABLES ARE AUTHORIZED. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: A-42211-010- -AER 78822 - ACCOMP**MJC:** EXTAAAA4**Rev Date:** 9/21/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10**ManDays:** 30**Alt No:** AER 78822**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(A-42211-10) AER LHD1 78822 ISLAND NUMERAL LIGHTING, NOT ACCOMPLISHED.

ACCOMPLISH AER LHD1-78822 (SCD 8822) ISLAND NUMERAL LIGHTING WHICH IS A LED ROPE LIGHT INSTALLATION FOR ILLUMINATING THE HULL NUMBER ON BOTH SIDES OF THE ISLAND. THE LIGHTING SYSTEM WILL BE WRAPPED AROUND THE NUMBER IN THE SHAPE OF THE NUMBER ON BOTH SIDES OF THE ISLAND AND WILL ILLUMINATE THE SHIPS NUMBER FOR NIGHT TIME CONDITIONS WHILE THE SHIP IS OUT TO SEA. THIS WILL HELP FOR AIRCRAFT AND OTHER ALLIED SHIPS TO IDENTIFY THE VESSEL. THE NEW INSTALL INCLUDES TWO MINOR POWER MODIFICATIONS AND TWO SYM BOXES FOR POWER HOUSED ON THE OUTSIDE OF THE ISLAND. THE LED LIGHTING WILL BE HELD UP BY STACK STUDS OUTLINING THE NUMBER ON THE ISLAND. THE SWITCH FOR THE SYSTEM WILL BE LOCATED INSIDE THE FLIGHT DECK CONTROL STATION (03-69-1-Q). ANY EXISTING LIGHTING SYSTEMS WILL BE RIPPED OUT AND REPLACED. NO MAJOR IMPACTS TO ANY SYSTEMS OR SPACE WILL BE CREATED WITH INSTALLION OF THIS SYSTEM. SPACE AND NAVAL WARFARE SYSTEMS CENTER ATLANTIC WILL BE RESPONSIBLE FOR THE INSTALLATION OF AER LHD1-78822 (SCD 8822). POC: CONRADO CAJIGAS, 619-437-2704, CONRADO.CAJIGAS@NAVY.MIL

Task/Abbreviation: K-42311-004- -SHIPALT LHD1-73015K - ACCOMP			MJC: CXSAK506		Rev Date: 3/16/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: SALHD 73015 K
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-42311-4) SHIPALT LHD1-73015K, LHD-1 CLASS INTEGRATED BRIDGE SYSTEM, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-73015K WHICH INSTALLS THE SCALABLE INTEGRATED BRIDGE SYSTEM. THIS SYSTEM INSTALLS FIVE DISPLAY NODES AND ONE EQUIPMENT RACK. THIS SYSTEM PROVIDES ELECTRONIC NAVIGATION CHARTS AND WILL BE ELECTRONIC CHART DISPLAY & INFORMATION SYSTEM-NAVY (ECDIS-N) COMPLIANT. SOFTWARE WILL BE WINDOWS 2000 AND VOYAGE MANAGEMENT SYSTEM (VMS) 7.7.1 OR LATER. POC: KEVIN DRISCOLL, 215-907-1403, KEVIN.DRISCOLL@NAVY.MIL

Task/Abbreviation: Q-42313-002- -AS-3240()/URN ANT - REPL/TST			MJC: CXECQ016		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 765	ManDays: 17	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-42313-002)ANTENNA REQUIRES REPLACEMENT	REPLACE THE AS-3240()/URN TACAN ANTENNA OF THE OE-273()/URN ANTENNA GROUP AS PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE THE TACAN ANTENNA, INSTALL AND TEST A REPLACEMENT IN ACCORDANCE WITH TECHNICAL MANUAL. INSTALL NEW CRES MOUNTING FASTENERS CONFORMING TO MIL-DTL-1222, TYPE I, GRADE 316. GROUND EQUIPMENT IN ACCORDANCE WITH MIL-STD-1310(). ACCOMPLISH CONTINUITY TESTS OF INTERCONNECTING CABLES. WEATHERPROOF ALL EXPOSED CONNECTORS. CALIBRATE, TEST AND ADJUST EQUIPMENT. CONDUCT VOLTAGE STANDING WAVE RATIO (VSWR) AND INSERTION LOSS TEST. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: 1. SHIP'S FORCE TO ARRANGE CERTIFICATION.

Task/Abbreviation: I-42313-003- -AN/URN-25 TACAN - MRC A1P8**MJC:** CXCIC13**Rev Date:** 3/9/2010**RCM Analysis:** 12/11/2006**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-42313-003)THE AN/URN-25 TACAN NAVIGATIONAL SET REQUIRES ASSESSMENT.

ACCOMPLISH THE AN/URN-25 TACAN NAVIGATIONAL SET ASSESSMENT IN ACCORDANCE WITH MRC A1P8 AS FOLLOWS: 1. PERFORM ANTENNA INSPECTION CHECKS. 2. PERFORM BEACON UNIT INSPECTION CHECKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42313-004- -AN/URN-25 TACAN - MRC HJ30			MJC: CEXECICI4		Rev Date: 3/9/2010
RCM Analysis: 2/7/2005		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42313-004)THE AN/URN-25 TACAN NAVIGATIONAL SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/URN-25 TACAN NAVIGATIONAL SET ASSESSMENT IN ACCORDANCE WITH MRC HJ30 AS FOLLOWS: 1. TEST OPERATE AN/URN-25. 2. TEST OPERATE OE-273/URN ANTENNA GROUP. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42315-019- -AN/WRN-6V1,2 SAT NAV- MRC A1P7**MJC:** CXECICH5**Rev Date:** 10/27/2010**RCM Analysis:** 12/11/2006**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:(I-42315-019)THE AN/WRN-6(V)() SATELLITE
NAVIGATION RADIO SET REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE AN/WRN-6(V)() SATELLITE NAVIGATION RADIO
SET ASSESSMENT IN ACCORDANCE WITH MRC A1P7 AS FOLLOWS:
1. PERFORM GPS ADDITIONAL ANTENNA CHECKS. 2. PERFORM
ADDITIONAL GPS UNIT MATERIAL CONDITION INSPECTIONS. 3.
PERFORM ADDITIONAL GPS OPERATIONAL CHECKS. REPORT
CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: I-42315-020- -AS-3819 ANTENNA- MRC KR56			MJC: CXECICH6		Rev Date: 3/11/2010					
RCM Analysis: 12/11/2006		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42315-020)THE AS-3819()/SRN OR AS-4566/SRN ANTENNA OF THE AN/WRN-6(V)() SATELLITE NAVIGATION RADIO SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AS-3819()/SRN OR AS-4566/SRN ANTENNA OF THE AN/WRN-6(V)() SATELLITE NAVIGATION RADIO SET ASSESSMENT IN ACCORDANCE WITH MRC KR56 AS FOLLOWS: 1. CLEAN AND INSPECT ANTENNA AS-3819/SRN. REGIONAL MAINTENANCE ACTIVITIES CONDUCTING C5RA/CMAV ASSESSMENTS PERFORM INSPECTION STEPS ONLY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42315-021- -AN/WRN-6V1,2 SAT NAV- MRC KR57			MJC: CXECICH7		Rev Date: 10/27/2010
RCM Analysis: 4/4/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42315-021)THE AN/WRN-6(V)() SATELLITE NAVIGATION RADIO SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WRN-6(V)() SATELLITE NAVIGATION RADIO SET ASSESSMENT IN ACCORDANCE WITH MRC KR57 AS FOLLOWS: 1. PERFORM COMMANDED SELF TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-42315-024- -SHIPALT LHD1-04003K - ACCOMP			MJC: CXSAK095		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 285,000	ManDays: 300	Alt No: SALHD 04003 K	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-42315-24) SHIPALT LHD1-04003K, NAVSSI BLK 4.2.1, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-04003K WHICH INSTALLS NAVSSI 4.2.1 SYSTEM.WHICH CONSISTS OF AN/ SSN-6(V)4 BLOCK 4 NAVSSI REMOTE STATIONS(NRSS) IN THE PILOT HOUSE AND CIC, AN/SSN-6(V)4 DISPLAY CONTROL SUBSYSTEM (DCS) IN THE CHART ROOM, BLOCK 4 REAL TIME SUBSYSTEM (RTS) RACKS IN FWD IC/GYRO AND AFT IC/GYRO ROOMS, 2EA GPS ANTENNAS AND CONNECTION TO THE RTS RACKS. FOR SHIPS WITH AN/SSN-6B(V)3 AND AN/SSN-6D(V)4 INSTALLED, INSTALL THE UPGRADE KITS IN THE DCS AND TWO RTSS TO MAKE THEM BLOCK 4.2.1 SYSTEMS. REMOVE NWS IF INSTALLED AND REPLACE WITH AN/SSN-6F(V)4 NWS. "POC" JACK SHAKE, 858-537-8883, JACK.SHAKE1.CTR@NAVY.MIL.

Task/Abbreviation: O-42315-025- -SWD 70715 AN/KSQ-1 - ACCOMP			MJC: CXSAO923		Rev Date: 3/24/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: SWD 70715
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-42315-25) SWD 70715 AN/KSQ-1, GATOR 6.0, NOT ACCOMPLISHED	ACCOMPLISH SWD 70715 WHICH CORRECTS THE CONTROL OF ESG LCACS AND LCUS DURING AMPHIBIOUS OPERATIONS WHICH ARE LIMITED TO ANTIQUATED SYSTEMS THAT ARE NOT INTEROPERABLE WITH USMC UNITS. POC: RICHARD DOWNIE, 202-781-0550, RICHARD.DOWNIE@NAVY.MIL.

Task/Abbreviation: I-42315-028- -AN/PSN-11, 13 GPS - INSP/TST			MJC: CEXECICQ5		Rev Date: 3/9/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42315-028)THE AN/PSN-11 PORTABLE NAVIGATION SET(GLOBAL POSITIONING RECEIVER) OR THE AN/PSN-13, DEFENSE ADVANCED GLOBAL POSITIONING SYSTEM (GPS) RECEIVER REQUIRES INSPECTION.	INSPECT AND TEST THE AN/PSN-11 PORTABLE NAVIGATION SET(GLOBAL POSITIONING RECEIVER) OR THE AN/PSN-13, DEFENSE ADVANCED GLOBAL POSITIONING SYSTEM (GPS) RECEIVER IAW AB48. 1. INSPECT AND CLEAN MEMORY BATTERY CONTACTS AND MEMORY BATTERY COMPARTMENT CONTACTS. 2. REPLACE MEMORY BATTERY. 3. PERFORM COMMANDED SELF-TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42315-029- -NAVTEX RECEIVER - INSP/TST			MJC: CEXECICQ6		Rev Date: 3/9/2010	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42315-029)THE JRC NCR-300A NAVTEX RECEIVER REQUIRES INSPECTION.	INSPECT AND TEST THE JRC NCR-300A NAVTEX RECEIVER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-42315-030- -SHIPALT LHD1-00500K - ACCOMP			MJC: CXSAK141		Rev Date: 5/31/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 525,000	ManDays: 681	Alt No: SALHD 00500 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-42315-30) SHIPALT LHD1-00500K, NAVSSI BLK 4.2.1, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00500K, WHICH THE INSTALLATION OF NAVSSI BLK 4.2.1 SYSTEM INVOLVES THE FOLLOWING: REMOVE AN/WRN-6(V)1 GPS NAVIGATION SET EQUIPMENT (IF ONBOARD) FROM PILOT HOUSE, CHART ROOM, CIC AND TOPSIDE. REMOVE AN/SSN-6(V) NAVSSI BLOCK 2 SYSTEM (IF ONBOARD) FROM CHART ROOM, BRIDGE, IC/GYRO ROOMS. INSTALL AN/ SSN-6(V)4 BLOCK 4 NAVSSI REMOTE STATIONS(NRSS) IN THE PILOT HOUSE AND CIC. INSTALL THE AN/SSN-6(V)4 DISPLAY CONTROL SUBSYSTEM (DCS) IN THE CHART ROOM. INSTALL BLOCK 4 REAL TIME SUBSYSTEM (RTS) RACKS IN FWD IC/GYRO AND AFT IC/GYRO ROOMS. INSTALL 2 GPS ANTENNAS AND CONNECT TO THE RTS RACKS. FOR SHIPS WITH AN/SSN-6B(V)3 AND AN/SSN-6D(V)4 INSTALLED, INSTALL THE UPGRADE KITS IN THE DCS AND TWO RTSS TO MAKE THEM BLOCK 4.2.1 SYSTEMS. REMOVE NWS IF INSTALLED AND REPLACE WITH AN/SSN-6F(V)4 NWS. THIS CHANGE MODIFIES INTERNAL LAN SWITCH ARCHITECTURE, ELIMINATES OBSOLETE HARDWARE (STANAG BOARD, ATM BOARDS FOR INTERFACE WITH BFTT, ETC), ADDS IMPROVED PTU, ADDS IMPROVED IRIG-B DISTRIBUTION ARCHITECTURE AND ADDS IMPROVED COMDAC INS CHARTING SOFTWARE. POC: JACK SHAKE, 858-537-8883, JACK.SHAKE1.CTR@NAVY.MIL.

Task/Abbreviation: K-42315-032- -SHIPALT LHD1-70715K - ACCOMP			MJC: CXSAK187		Rev Date: 9/22/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays:	Alt No: SALHD 70715 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-42315-32) SHIPALT LHD1-70715K, AADS AN/KSQ-1 W/EPLRS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-70715K, WHICH THIS SHIPALT PACKAGE CONSISTS OF A 60 INCH RACK CONTAINING TWO EPLRS RADIOS, A JUNCTION BOX, KOK-13 CRYPTO DEVICE, MONITOR, KEYBOARD, TRACKBALL, ASSOCIATED ANTENNAS, CABLES AND CONNECTORS. THE RACK WILL RESIDE IN THE COMBAT INFORMATION CENTER (CIC). OBSOLETE AADS WITH POSITION LOCATION REPORTING SYSTEM OR LEGACY ENHANCED POSITION LOCATION REPORTING SYSTEM EQUIPMENT WILL BE REMOVED DURING INSTALLATION OF THIS TECHNOLOGICALLY REFRESHED AADS SHIPALT PACKAGE. "POC" RICHARD DOWNIE, 202-781-0550, RICHARD.DOWNIE@NAVY.MIL.

Task/Abbreviation: Q-42411-001- -FATHOMETER XDCR (DD)- REPL/TST**MJC:** CXECQ017**Rev Date:** 1/15/2003**RCM Analysis:** **Scheduled:** N **Sit Reqs:** D/D**Qty:** 1**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 1,500 **ManDays:** 30 **Alt No:****Referenced Authority:** **Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:(Q-42411-001)TRANSDUCER REQUIRES
REPLACEMENT**Recommended Solution:**

REPLACE THE FATHOMETER TRANSDUCER. CRATE AND RETURN REMOVED TRANSDUCER TO THE GOVERNMENT. ACCOMPLISH A PRE-INSTALLATION SHOP-TEST OF NEW TRANSDUCER. SUBMIT A REPORT OF CONDITIONS FOUND TO THE NAVAL SUPERVISING ACTIVITY. CLEAN, PRIME AND PAINT SEA CHEST. INSTALL NEW TRANSDUCER USING NEW RUBBER GASKET AND CRES FASTENERS AND CONNECT ELECTRICALLY. INSTALL A TEMPORARY SEA CHEST COVER PLATE. REMOVE TEMPORARY COVER PLATE. ACCOMPLISH SATISFACTORY POST-INSTALLATION TESTS (I.E., DRYDOCK AND WATERBORNE) IN ACCORDANCE WITH COMBAT SYSTEM TESTING AND APPLICABLE TECHNICAL MANUAL. NOTE: 1. DRYDOCKING ITEM. 2. PRIOR TO THE DEPOT LEVEL DRYDOCKING AVAILABILITY, ENSURE INSPECTION AND TESTING OF THE TRANSDUCER USING THE AN/WQM-8 SONAR TEST SET. TYPE COMMANDER WILL ARRANGE FOR ACCOMPLISHMENT OF THIS PRIOR TO START OF THE DEPOT LEVEL DRYDOCKING AVAILABILITY. FORWARD REPORT TO NAVAL UNDERSEA WARFARE CENTER, NEWPORT, RI (FOR EAST COAST AVAILABILITIES)/KEYPORT, WA (FOR WEST COAST AVAILABILITIES). USUALLY ACCOMPLISHED BY FTSC/LANT/FTSCPAC.

Task/Abbreviation: Q-42411-002- -FATHOMETER - RPR				MJC: CXECQ018		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,000		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-42411-002)FATHOMETER REQUIRES REPAIR				REPAIR THE FATHOMETER PER CONDITION ASSESSMENT RECOMMENDATIONS AND IN ACCORDANCE WITH THE APPLICABLE TECHNICAL MANUAL.					

Task/Abbreviation: I-42411-012- -AN/UQN-4() XDCR - MRC DWY9**MJC:** EXECIB02**Rev Date:** 5/27/2008**RCM Analysis:** 12/14/2007**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-42411-012)THE AN/UQN-4 () DEPTH SOUNDING EQUIPMENT TRANSDUCER REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/UQN-4 () DEPTH SOUNDING EQUIPMENT TRANSDUCER ASSESSMENT IN ACCORDANCE WITH MRC DWY9 AS FOLLOWS: 1. MEASURE TRANSDUCER IMPEDANCE. 2. MEASURE INSULATION RESISTANCE OF TRANSDUCER AND CABLE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42411-013- -AN/UQN-4() SNR SET - MRC DWZ6			MJC: EXECIB03		Rev Date: 5/27/2008
RCM Analysis: 12/14/2007		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42411-013)THE AN/UQN-4() DEPTH SOUNDING EQUIPMENT REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UQN-4()DEPTH SOUNDING EQUIPMENT ASSESSMENT IN ACCORDANCE WITH MRC DWZ6 AS FOLLOWS: 1. CONDUCT OPERABILITY TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42411-015- -AN/UQN-4() SNR SET - MRC FET7			MJC: EXECIB05		Rev Date: 5/27/2008
RCM Analysis: 12/14/2007	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42411-015)THE AN/UQN-4() DEPTH SOUNDING EQUIPMENT REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UQN-4() DEPTH SOUNDING EQUIPMENT ASSESSMENT IN ACCORDANCE WITH MRC FET7 AS FOLLOWS: 1. CLEAN AND INSPECT RECEIVER/TRANSMITTER RT-888/UQN-4, RT-888A/UQN-4A. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42411-017- -AN/UQN-4() SNR SET - MRC FEU1			MJC: EXECIB07		Rev Date: 5/27/2008
RCM Analysis: 12/14/2007		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42411-017)THE AN/UQN-4() DEPTH SOUNDING EQUIPMENT REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UQN-4() DEPTH SOUNDING EQUIPMENT ASSESSMENT IN ACCORDANCE WITH MRC FEU1 AS FOLLOWS: 1. VERIFY PRESENCE OF GROUNDING CONNECTION BETWEEN CASE, DOOR, CHASSIS, RECORDER, AND SHIP'S HULL OR GROUND REFERENCE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-42411-021- -EC 9 RT-888A/UQN-4A - ACCOMP				MJC: CXSAO186	Rev Date: 5/26/2006
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No: EC 9 RT-888A
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-42411-21) EC 9 RT-888A/UQN-4A, RSS-422 INTERFACE, NOT ACCOMPLISHED	ACCOMPLISH EC 9 RT-888/UQN-4A WHICH PROVIDES AN RS-422 INTERFACE TO THE ANUQN-4A SONAR SOUNDING SETS THAT HAVE NAVSSI INTERFACE REQUIREMENTS.

Task/Abbreviation: O-42411-022- -EC 73228 UQN-4A - ACCOMP				MJC: CXSAO436		Rev Date: 9/20/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 0			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-42411-22) EC 73228 RT-888A/UQN-4A, RSS-422 INTERFACE, NOT ACCOMPLISHED	ACCOMPLISH EC 73228 RT-888/UQN-4A WHICH PROVIDES AN RS-422 INTERFACE TO THE ANUQN-4A SONAR SOUNDING SETS THAT HAVE NAVSSI INTERFACE REQUIREMENTS. POC: DOUG HUGHES, 202-781-4419, DOUGLAS.E.HUGHES1@NAVY.MIL.

Task/Abbreviation: I-42411-023- -AN/UQN-4 /A SNR (JPMC)- ASSESS			MJC: EXECIH21		Rev Date: 3/11/2008
RCM Analysis: 3/1/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42411-023)THE AN/UQN-4() DEPTH SOUNDING EQUIPMENT REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UQN-4() DEPTH SOUNDING EQUIPMENT ASSESSMENT IN ACCORDANCE WITH MRC DWZ6, FET7 AND FEU1. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE MATERIAL CONDITION REPORT TO THE PROJECT TEAM.

Task/Abbreviation: Q-42411-028- -AN/UQN-4() XDCR - RPR			MJC: CXECQ536		Rev Date: 3/9/2009
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-42411-28)THE AN/UQN-4() TRANSDUCER REQUIRES REPAIR.	ACCOMPLISH THE FOLLOWING REPAIRS TO THE AN/UQN-4() TRANSDUCER PER CONDITION ASSESSMENT RECOMMENDATIONS: A. REPLACE FASTENERS. B. REPAIR HOUSING. C. REPLACE RUBBER WINDOW. D. REPLACE WINDOW. DIVERS INSPECTION REPORT AVAILABLE AT WWW._____.COM (REFERENCE JOB NUMBER_____).

Task/Abbreviation: Q-42622-002- -UW LOG SYS - RPR/TST				MJC: CEXECQ022		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1		Matl Cost: 1,000	ManDays: 20	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-42622-002)UNDERWATER LOG SYSTEM REQUIRES REPAIR	REPAIR THE UNDERWATER LOG SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS OR AS FOLLOWS: A. UNDERWATER LOG RODMETER - 1. RECORD STOPPING POINTS. 2. RETRACT, REMOVE, CLEAN, EXAMINE AND REPAIR DEFECTS. 3. RENEW O-RINGS AND PACKING AND ACCOMPLISH AN INSULATION RESISTANCE TEST. 4. REPAIR AND TEST THE HYDRAULIC SYSTEM AND ACCOMPLISH AN OPERATIONAL TEST. B. SPEED SERVO - CLEAN, TEST, REPLACE IF DEFECTIVE AND RETEST. C. INDICATOR TRANSMITTERS - CLEAN, INSPECT AND REPLACE DEFECTIVE PARTS. D. DISTANCE INTEGRATOR - CLEAN, TEST, REPLACE IF DEFECTIVE AND RETEST. E. DISTANCE AND SPEED INDICATORS - CLEAN, TEST, REPAIR IF DEFECTIVE AND RETEST. F. REASSEMBLE SYSTEM. G. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-42622-011- -AN/WSN-8, 8A DEML - MRC 9GTD			MJC: CXECI305		Rev Date: 8/2/2005					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42622-011)THE AN/WSN-8, 8A DIGITAL ELECTROMAGNETIC LOG REQUIRES ASSESSMENT (DEML).	ACCOMPLISH THE AN/WSN-8, 8A DIGITAL ELECTROMAGNETIC LOG ASSESSMENT IN ACCORDANCE WITH MRC 9GTD AS FOLLOWS: 1. TEST OPERATION OF AN/WSN-8(7093036), AN/WSN-8(7093036) (W/FC-1), OR AN/WSN-8A(7404776)INDICATOR-TRANSMITTER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42622-012- -AN/WSN-8, 8A DEML - MRC 9GTF			MJC: CXECI306		Rev Date: 8/2/2005					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42622-012)THE AN/WSN-8, 8A DIGITAL ELECTROMAGNETIC LOG REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WSN-8, 8A DIGITAL ELECTROMAGNETIC LOG ASSESSMENT IN ACCORDANCE WITH MRC 9GTF AS FOLLOWS: 1. MEASURE RODMETER COIL RESISTANCE. 2. MEASURE RODMETER INSULATION RESISTANCE. 3. MEASURE RODMETER BUTTON RESISTANCE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-42622-020- -UW LOG RODMETER - RPR**MJC:** CXECQ534**Rev Date:** 3/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 0**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-42622-20)THE UNDERWATER LOG RODMETER
(PITSWORD) REQUIRES REPAIR.ACCOMPLISH THE FOLLOWING REPAIRS TO THE UNDERWATER LOG
RODMETER (PITSWORD) PER CONDITION ASSESSMENT
RECOMMENDATIONS: A. REMOVE FOULING OR CORROSION. B.
REPLACE/TIGHTEN FASTENERS. C. REPLACE LOCK WIRES. D.
REPLACE PITSWORD. E. RESTORE__SQ FT OF COATING. DIVERS
INSPECTION REPORT AVAILABLE AT WWW._____.COM
(REFERENCE JOB NUMBER_____).

Task/Abbreviation: A-42622-040- -SA 11374 AN/WSN-9(V)2				MJC: EXTAAAY6		Rev Date: 8/5/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No: SA 11374	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	SA 11374 AN/WSN-9(V)2 NOT ACCOMPLISHED	REASON FOR EXPEDITE: AN/WQN-2 NO LONGER SUPPORTED BY OEM. NO SOURCE FOR REPLACEMENT TRANSDUCER ASSEMBLY. LHD 7 IS CURRENTLY WITHOUT A WORKING AN/WQN-2 DSVL. SUPPORTS CORRECTION OF AN/WQN-2 CASREP CITED IN LHD 7 MESSAGE DTG 012322ZJUN11. THIS CHANGE REPLACES THE OBSOLETE AN/WQN-2(V) DOPPLER SONAR VELOCITY LOG (DSVL) WITH THE AN/WSN-9 (V)2 DIGITAL HYBRID SPEED LOG (DHYSL) ON LHA 6, LHD 7, AND LHD 8. FURTHER, HARDWARE UPGRADE KITS WILL BE INSTALLED IN EXISTING NAVSSI RTS RACKS TO SUPPORT THE 100 FX DIGITAL HYBRID SPEED LOG (DHYSL) INTERFACE REQUIREMENTS. WITHOUT THESE CHANGES TO NAVSSI SHIP'S COMBAT SYSTEM ELEMENTS AND SHIP CONTROL DISPLAY SYSTEMS WILL NOT HAVE SPEED INFORMATION.

Task/Abbreviation: I-42623-005- -MK 10 MOD 0 DRAI - MRC 6JXA**MJC:** CXECI219**Rev Date:** 7/23/2005**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-42623-005)THE MK 10 MOD 0 DEAD RECKONING ANALYZER-INDICATOR (DRAI) REQUIRES ASSESSMENT.

ACCOMPLISH THE MK 10 MOD 0 DEAD RECKONING ANALYZER-INDICATOR ASSESSMENT IN ACCORDANCE WITH MRC 6JXA AS FOLLOWS: 1. TEST DEAD RECKONING ANALYZER INDICATOR (DRAI) (MK10 MOD 0) SYSTEM FOR ACCURACY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42623-006- -MK 10 MOD 0 DRAI - MRC T1A8			MJC: CXECI220		Rev Date: 7/23/2005
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42623-006)THE MK 10 MOD 0 DEAD RECKONING ANALYZER-INDICATOR REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 10 MOD 0 DEAD RECKONING ANALYZER-INDICATOR ASSESSMENT IN ACCORDANCE WITH MRC T1A8 AS FOLLOWS: 1. CONDUCT DRAI PERFORMANCE ASSESSMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42623-009- -MK 6 MOD 4C DRT - MRC 6JWZ			MJC: CXECI310		Rev Date: 7/29/2005					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42623-009)THE MK 6 MOD 4C DEAD RECKONING TRACER REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 6 MOD 4C DEAD RECKONING TRACER ASSESSMENT IN ACCORDANCE WITH MRC 6JWZ AS FOLLOWS: 1. CONDUCT DEAD RECKONING TRACER (DRT) (MK6 MOD 4C) ACCURACY TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42623-011- -MK 6 MOD 5 DDRT - MRC 9FJN			MJC: CXECI312		Rev Date: 6/11/2009					
RCM Analysis: 4/12/2009		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42623-011)THE MK 6 MOD 5 DIGITAL DEAD RECKONING TRACER REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 6 MOD 5 DIGITAL DEAD RECKONING TRACER ASSESSMENT IN ACCORDANCE WITH MRC 9FJN AS FOLLOWS: 1. CONDUCT INTERNAL ACCURACY TEST ON DDRT MK 6 MOD 5. 2. CONDUCT EXTERNAL CALIBRATION RUN. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42711-013- -AN/WSN-7 RLGN - MRC NB10			MJC: CXECI313		Rev Date: 10/27/2010
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42711-013)THE AN/WSN-7 RING LASER INERTIAL NAVIGATION REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WSN-7 RING LASER INERTIAL NAVIGATION ASSESSMENT IN ACCORDANCE WITH MRC NB10 AS FOLLOWS: 1. PERFORM AN/WSN-7 SIMULATED HEADING, PITCH, AND ROLL OUTPUT TESTING. 2. ELECTRICALLY ZERO SYNCHRO SIGNAL AMPLIFIERS (SSAS), IF APPLICABLE. 3. ELECTRICALLY AND MECHANICALLY ZERO HEADING REPEATERS, IF APPLICABLE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42711-014- -AN/WSN-7 RLGN - MRC LP10			MJC: CXECI314		Rev Date: 10/27/2010
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42711-014)THE AN/WSN-7 RING LASER INERTIAL NAVIGATION REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WSN-7 RING LASER INERTIAL NAVIGATION ASSESSMENT IN ACCORDANCE WITH MRC LP10 AS FOLLOWS: 1. PERFORM RECALIBRATION OF RLGN. 2. PERFORM DOCKSIDE CALIBRATION VERIFICATION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42711-015- -AN/WSN-7 RLGN - MRC LP12			MJC: CXECI315		Rev Date: 10/27/2010
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42711-015)THE AN/WSN-7 RING LASER INERTIAL NAVIGATION REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WSN-7 RING LASER INERTIAL NAVIGATION ASSESSMENT IN ACCORDANCE WITH MRC LP12 AS FOLLOWS: 1. TEST OPERATE RLGN ON BATTERY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-42711-018- -FC 70924 AN/WSN-7(V) - ACCOMP				MJC: CXSAO209		Rev Date: 5/9/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:		Alt No: FC 70924	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-42711-18) FC 70924 AN/WSN-7(V) RLGN FC4, FIRMWARE UPGRADE TO AB/W, NOT ACCOMPLISHED	ACCOMPLISH FC 70924 AN/WSN-7(V) RLGN FC4 WHICH UPGRADES THE FIRMWARE TO AB/W. POC: RAYMOND LAFRENIERE, 202-781-0696, RAYMOND.LAFRENIERE@NAVY.MIL.

Task/Abbreviation: O-42711-024- -FC 70130 AN/WSN-7(V)1- ACCOMP			MJC: CXSAO725		Rev Date: 7/12/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: FC 70130
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-42711-24) FC 70130 AN/WSN-7(V)1(V)2 RLGN FC11, SCALABLE INTEGRATED BRIDGE SYS, NOT ACCOMPLISHED	ACCOMPLISH FC 70130 (FC 11) WHICH INSTALLS SOFTWARE VERSION 2.0.6 IN THE IP-1747/WSN CONTROL DISPLAY UNIT AND IS REQUIRED BY SHIPALT CG47-755K SCALABLE INTEGRATED BRIDGE SYSTEM (SCIBS) TO ENABLE THE CAPABILITY FOR SCIBS TO RECEIVE AN/WSN-7(V)1 OR 7(V)2 NAVIGATION DATA VIA THE IP-1747/WSN CONTROL DISPLAY UNIT. FC 11 ENABLES THE INTEGRATED BRIDGE SYSTEM (IBS) TO RECEIVE NAVIGATION DATA FROM THE AN/WSN-7(V)1 OR AN/WSN-7(V)2 VIA THE IP-1747/WSN CONTROL DISPLAY UNIT. POC: PHYLLIS HINTON, 757-462-7750, PHYLLIS.HINTON@NAVY.MIL.

Task/Abbreviation: I-42711-A02- -AN/WSN-7 RLGN - MRC A4Z1			MJC: CXCIDQ1		Rev Date: 6/13/2011					
RCM Analysis: 7/1/2007		Scheduled: Y		Sit Reqs:		Qty: 2	Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42711-A02)THE AN/WSN-7 RING LASER INERTIAL NAVIGATION REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WSN-7 RING LASER INERTIAL NAVIGATION ASSESSMENT IN ACCORDANCE WITH MRC A4Z1 AS FOLLOWS: 1. MONITOR AND EXAMINE RLGN ATTITUDE DIVERGENCE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42721-002- -AIAS CABLES - MRC KD32			MJC: CXECI317		Rev Date: 7/29/2005					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42721-002)THE AIRCRAFT INERTIAL ALIGNMENT SYSTEM (AIAS) UMBILICALCABLES REQUIRES ASSESSMENT.	ACCOMPLISH THE AIRCRAFT INERTIAL ALIGNMENT SYSTEM UMBILICAL CABLES ASSESSMENT IN ACCORDANCE WITH MRC KD32 AS FOLLOWS: 1. INSPECT AND TEST DIGITAL UMBILICAL CABLES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42721-003- -AIAS AOB - MRC KD33			MJC: CXECI318		Rev Date: 7/29/2005					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42721-003)THE AIRCRAFT INERTIAL ALIGNMENT SYSTEM (AIAS) ALIGNMENT OUTLET BOXES (AOB) REQUIRES ASSESSMENT.	ACCOMPLISH THE AIRCRAFT INERTIAL ALIGNMENT SYSTEM ALIGNMENT OUTLET BOXES ASSESSMENT IN ACCORDANCE WITH MRC KD33 AS FOLLOWS: 1. CLEAN, INSPECT AND TEST OPERATE ALIGNMENT OUTLET BOXES (AOBS). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42721-004- -AN/SRC-40 RADIO - MRC ESC8			MJC: CEXECIBR7		Rev Date: 6/16/2005					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42721-004)THE AN/SRC-40 INERTIAL NAVIGATION SYSTEM RADIO SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SRC-40 INERTIAL NAVIGATION SYSTEM RADIO SET ASSESSMENT IN ACCORDANCE WITH MRC ESC8 AS FOLLOWS: 1. MEASURE TRANSMITTER RF OUTPUT POWER LEVEL. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42721-005- -AN/SRC-40 RADIO - MRC ESC9			MJC: CXCIBR8		Rev Date: 6/16/2005
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42721-005)THE AN/SRC-40 INERTIAL NAVIGATION SYSTEM RADIO SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SRC-40 INERTIAL NAVIGATION SYSTEM RADIO SET ASSESSMENT IN ACCORDANCE WITH MRC ESC9 AS FOLLOWS: 1. MEASURE TRANSMITTER FREQUENCY AND TEST TRANSMITTER MODULATION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42721-006- -AN/SRC-40 RADIO - MRC ESD6			MJC: CEXECIBR9		Rev Date: 6/16/2005
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42721-006)THE AN/SRC-40 INERTIAL NAVIGATION SYSTEM RADIO SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SRC-40 INERTIAL NAVIGATION SYSTEM RADIO SET ASSESSMENT IN ACCORDANCE WITH MRC ESD6 AS FOLLOWS: 1. VERIFY OPERATIONAL READINESS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42721-007- -AIAS AOB - MRC MA79**MJC:** CXECIBY1**Rev Date:** 7/29/2005**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-42721-007)THE AIRCRAFT INERTIAL ALIGNMENT SYSTEM (AIAS) REQUIRES ASSESSMENT.

ACCOMPLISH THE AIRCRAFT INERTIAL ALIGNMENT SYSTEM (AIAS) ASSESSMENT IN ACCORDANCE WITH MRC MA79 AS FOLLOWS: 1. CLEAN, INSPECT AND TEST OPERATE ALIGNMENT OUTLET BOXES (AOBS). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-42721-008- -FC 74420 K SRC-40 ACCOMPLISH**MJC:** EXSAKAC4**Rev Date:** 6/24/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 1**Alt No:** 74420**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

FC 74420 K AN/SRC-40 NOT ACCOMPLISHED

AIT-THE PURPOSE OF THIS SHIP CHANGE IS TO ADDRESS AND RESOLVE ISSUES PRESENTED BY A CREEPING OBSOLESCENCE AND UNAVAILABILITY OF REPAIR PARTS AND A GREATER DEMAND ON A MORE ROBUST PERFORMANCE OF THE AIAS OU-174 DATA CONVERTER GROUP AND THE AN/SRC-40 RADIO SET. THE AN/SRC-40 HAS HAD ON-GOING PROBLEMS WITH OVER-HEATING, COMMUNICATION LOSS BETWEEN THE TRANSMITTER AND REMOTE UNITS, LOSS OF CALIBRATION DATA, INTERFERENCE, AND A GENERAL HIGH RATE OF FAILURE. THERE IS NO DOCUMENTATION TO VERIFY THAT SHOCK TESTING WAS PERFORMED ON EITHER THE OU-174 OR AN/SRC-40 CURRENTLY IN THE FLEET. THIS SHIP CHANGE ADDRESSES THE ABOVE PROBLEMS, INCREASES THE SURVIVABILITY OF THE AIRCRAFT INERTIAL ALIGNMENT SYSTEM (AIAS), AND DOES NOT ALTER THE FOOTPRINT, OPERATIONS, OR ELECTRICAL INTERFACE ALLOWING SIMPLE RETROFITS

Task/Abbreviation: O-42811-015- -EC 72180 EC-1 SSN-6F - ACCOMP			MJC: CXSAO264		Rev Date: 6/7/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: EC 72180 SSN6F
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-42811-15) EC 72180 EC-1 AN/SSN-6F(V)4, EC-1 (SCD 2180), AN/SSN-6F(V)4 RTS/DCS SW, NOT ACCOMPLISHED	ACCOMPLISH EC 72180 EC-1 (SCD 2180) AN/SSN-6F(V)4 WHICH WILL INSTALL ELECTRONIC CHANGE (EC) 1 TO NAVIGATION SENSOR SYSTEM INTERFACE (NAVSSI) BLOCK 4.2.1. EC 1 WILL INSTALL NAVSSI DISPLAY CONTROL SUBSYSTEM (DCS) 4.2.1.90 AND REAL TIME SUBSYSTEM (RTS) 4.2.1.90 SOFTWARE IN CONJUNCTION WITH NAVSSI 4.2.1 AN/SSN-6F(V)4 HARDWARE INSTALLATION. SOFTWARE IS REQUIRED TO MAKE THE BLK 4.2.1 HARDWARE OPERATE. THIS SOFTWARE INCLUDES SUPPORT FOR GAS-1 GPS ANTENNA SYSTEM WHEN IT IS INSTALLED CONCURRENTLY OR IN THE FUTURE. EC 1 MUST BE INSTALLED CONCURRENTLY WITH BLK 4.2.1 INSTALLATIONS (CG 47-00769K, DDG 47-00468K, LHA 1-01201K, LHD 1-00500K, LHD 1-04003K, LCC-01538K SHIPALTS, LPD 17 A0134). POC: KRISTIN STITH, 619-524-7763, KRISTIN.STITH@NAVY.MIL OR REGINALD TUBBS, 757-443-3872, REGINALD.TUBBS@NAVY.MIL

Task/Abbreviation: K-42811-019- -SHIPALT LHD1-73328K - ACCOMP			MJC: KXSAK058		Rev Date: 9/25/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays:	Alt No: SALHD 73328 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-42811-19) SHIPALT LHD1-73328K PEOC41 NAVSSI AN/SSN-6H(V)4, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-73328K WHICH THE INSTALLATION OF THE NAVSSI SYSTEM WILL ADD THE CAPABILITY TO INTEGRATE PNT DATA INTO A SET OF STANDARD NAVIGATION MESSAGES DELIVERED OVER A NETWORK AND POINT-TO-POINT INTERFACES TO VARIOUS WEAPON SYSTEMS, FIRE CONTROL, NAVIGATION, AND OTHER CLIENT SYSTEMS. THE INSTALLATION WILL CONSIST OF A DISPLAY/CONTROL SUBSYSTEM (DCS), THREE REAL-TIME SUBSYSTEMS (RTS), THREE NAVSSI REMOTE STATIONS (NRS), TWO GPS ANTENNAS AND REMOVAL OF EXISTING AN/WRN-6 RECEIVER SET ONBOARD.

Task/Abbreviation: K-42811-021- -SHIPALT LHD1-71268 - ACCOMP			MJC: KXSAK059		Rev Date: 9/27/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 21	Alt No: SALHD 71268 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-42811-21) SHIPALT LHD1-71268 PEOC41 ADSI (AN/TSQ-214(V)), NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71268 WHICH THE ADSI VERSION 12 INCREASES FUNCTIONALITY AND ENHANCES THE COMMON OPERATIONAL TACTICAL PICTURE (COTP) ON LHD CLASS SHIPS. THIS INSTALLATION INCLUDES (1) ADSI PROCESSOR GROUP (APG). THE APG INCLUDES (1) COMMERCIAL OFF THE SHELF (COTS) BASED COMPUTER RUNNING WINDOWS 2000 AND LINUX BASED OPERATING SYSTEMS (OS); AND KVM SWITCH. FOR TACTICAL DIGITAL INFORMATION LINK (TADIL)-J AND TADIL-A INTERFACES, ADSI WILL CONNECT INTO JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS) 1553 BUS VIA COUPLER CONNECTION AND A TADIL-A PASSIVE LINK TAP (PLT) FOR RECEIVE ONLY SERIAL CONNECTIONS. IF A PLT DOESN'T EXIST ON CERTAIN PLATFORMS, A DATA TERMERINAL SET (DTS) WILL BE INSTALLED FOR TADIL_A INTERFACE. FOR NETWORK INTERFACES, ADSI WILL CONNECT TO EXISTING ROUTER FOR GLOBAL COMMAND AND CONTROL SYSTEM-MARITIME (GCCS-M) SYSTEM INTERFACE AND SIPRNET TO RPROVIDE THE JOINT RANGE EXTENSION (JRE) CAPABILITY. ADSI WILL ALSO CONNECT TO THE KG-84C FOR SATELLITE TADIL-J CAPABILITY.

Task/Abbreviation: K-42811-025- -SHIPALT LHD1-71127K - ACCOMP			MJC: KXSAK070		Rev Date: 5/10/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 10	Alt No: SALHD 71127 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-42811-25) SHIPALT LHD1-71127K PEOC4I BANDWIDTH OPT SOL(LHD7), NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71127K WHICH IN SUPPORT OF TRIDENT WARRIOR 05, THE BANDWIDTH OPTIMIZATION SOLUTION (BOS) WILL ENHANCE NAVAL NETWORK THROUGHPUT USING BANDWIDTH OPTIMIZATION TECHNOLOGY TO: A) PROVIDE DTAT COMPRESSION AND THROUGHOUT INCREASE AVERAGE OF NO LESS THAN 100% OVER NAVY MILSAT AND LEASED COMMERCIAL CHANNELS. B) INVESTIGATE THE IMPROVEMENT FOR WIDEBAND SATCOM MEDIUMS AS WELL AS LINE-OF-SIGHT (LOS) ROUTING SCENARIOS. C) ENSURE THAT THE BANDWIDTH OPTIMIZATION SOLUTION CAN BE BYPASSED AND NORMAL SATCOM OPERATION CAN BE RETSTORED WITHIN FIVE MINUTES AFTER DETECTION OF THE SOLUTION CAUSING DEGRADING EFFECTS.

Task/Abbreviation: K-42811-026- -SHIPALT LHD1-71460K - ACCOMP			MJC: KXSAK072		Rev Date: 5/16/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 71460 K
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-42811-26) SHIPALT LHD1-71460K, PEOC4I FLIR VIDEO (NOVISS REC), NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71460K WHICH THE NORM VIDEO STREAMING SYSTEM (NOVISS) IS A VIDEO CONVERSION AND TRANSMISSION SYSTEM THAT WILL CONVERT NATIONAL TELEVISION STANDARDS COMMITTEE (NTSC) VIDEO FROM THE LIGHT AIRBORNE MULTIPURPOSE SYSTEM (LAMPS) (AN/SRQ-4 RADIO TERMINAL SET) TO INTERNET PROTOCOL (IP) PACKETS. THE IP PACKETS ARE THEN SENT VIA MULTICAST ON THE IBGWN TO ONE OR MORE NOVISS RECEIVERS LOCATED ON NEARBY SHIPS. THE NOV ISS RECEIVERS THEN ASSEMBLE AND DISPLAY THE VIDEO ON A CLIENT TERMINAL. EACH NOVISS BOX (TRANSMITTER OR RECEIVER) WILL REQUIRE 3U OF SPACE IN A 19 INCH RACK IN A SECURE SPACE ON THE HOST SHIP. EACH NOVISS BOX WILL ALSO WEIGH LESS THAN 10 POUNDS AND REQUIRE LESS THAN 4 AMPS AT 120 VOLTS.

Task/Abbreviation: O-42811-044- -EC 77832 NAVSSI ST-2 - ACCOMP			MJC: CXSAOAE7		Rev Date: 10/14/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No: EC 77832
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-42811-44) EC 77832 NAVSSI AN/SSN-6 F(V)4 ST2, NAVSSI BLK AN/SSN-6 F(V)4 EC2, NOT ACCOMPLISHED	ACCOMPLISH EC 77832 NAVSSI AN/SSN-6 F(V)4 ST2 WHICH UPGRADES SOFTWARE FOR SHIPS THAT HAVE NAVSSI BLK 4.2.1 HARDWARE INSTALLED AND FOR SHIPS THAT ARE GETTING AN/SSN-6F(V)4 (NAVSSI BLK 4.2.1) INSTALL OR FUTURE UPGRADES. INSTALL IN CONJUNCTION WITH BLOCK 4.2.1 SHIPALT INSTALLATIONS OR ON SHIPS THAT HAVE BLK 4.2.1 ALREADY INSTALLED. THIS SOFTWARE CORRECTS VARIOUS SOFTWARE TROUBLE REPORTS (STRS) ASSOCIATED WITH EARLIER BLK 4.2.1 SOFTWARE VERSIONS, SUPPORTS FUTURE ADVANCE DIGITAL ANTENNA PRODUCTION (ADAP) INSTALLATIONS. IT PROVIDES A PERMANENT FIX FOR THE TMDM GPS-ICD-150 ISSUE IN WHICH NAVSSI IS NOT ABLE TO PROCESS THE PRESENCE OF THE GPS SV23/PRN32 SATELLITE. POC: STEVEN MURPHY, (619)553-6571 OR DARRIN BRENDEL, 619-524-7832, DARRIN.BRENDEL@NAVY.MIL.

Task/Abbreviation: O-42811-046- -SWD 78044 - ACCOMP			MJC: CXSAOAJ1		Rev Date: 3/15/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 78044
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-42811-46) SWD 78044 VECTOR DATA UPDATE (VDU), VECTOR DATA UPDATE SOFTWARE UP, NOT ACCOMPLISHED	ACCOMPLISH SWD 78044 WHICH UPGRADES THE VECTOR DATA UPDATE (VDU) FROM VERSION 1.0.0.2 TO VERSION 2.0. THIS UPGRADE WILL PROVIDE THE FOLLOWING: ELIMINATE LOST MANHOURS WHEN CONVERTING MAPS DUE TO LACK OF OPERATOR UNDERSTANDING; ELIMINATE EXCESSIVE CONVERSIONS & ELIMINATE FALSE LOCK-UPS. POC: MICHAEL BENHAM, 215 897 1402, MICHAEL.BENHAM@NAVY.MIL OR MICHAEL P GOODE, 215-897-1067, MICHAEL.P.GOODE@NAVY.MIL OR SHARON MCILNAY, 202-781-2286, SHARON.A.MCILNAY@NAVY.MIL OR RAY LAFRENIERE, 202-781-0696, RAYMOND.LAFRENIERE@NAVY.MIL.

Task/Abbreviation: O-42811-048- -EC 77832 r1 NAVSSI - ACCOMP			MJC: CXSAOAJ8		Rev Date: 4/26/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No: EC 77832 r1
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASLINE	(O-42811-48) EC 77832 r1 NAVSSI AN/SSN-6 F(V)4 ST2, NAVSSI BLK AN/SSN-6 F(V)4 EC2, NOT ACCOMPLISHED	ACCOMPLISH EC 77832 r1 WHICH UPGRADES SOFTWARE FOR SHIPS THAT HAVE NAVSSI BLK 4.2.1 HARDWARE INSTALLED AND FOR SHIPS THAT ARE GETTING AN/SSN-6F(V)4 (NAVSSI BLK 4.2.1) INSTALL OR FUTURE UPGRADES. INSTALL IN CONJUNCTION WITH BLOCK 4.2.1 SHIPALT INSTALLATIONS OR ON SHIPS THAT HAVE BLK 4.2.1 ALREADY INSTALLED. THIS SOFTWARE CORRECTS VARIOUS SOFTWARE TROUBLE REPORTS (STRS) ASSOCIATED WITH EARLIER BLK 4.2.1 SOFTWARE VERSIONS, SUPPORTS FUTURE ADVANCE DIGITAL ANTENNA PRODUCTION (ADAP) INSTALLATIONS. IT PROVIDES A PERMANENT FIX FOR THE TMDM GPS-ICD-150 ISSUE IN WHICH NAVSSI IS NOT ABLE TO PROCESS THE PRESENCE OF THE GPS SV23/PRN32 SATELLITE. THIS ALTERATION FIXES HIGH LEVEL SOFTWARE PROBLEMS NOT ADDRESSED IN THE ORIGINAL EC 77832. POC: STEVEN MURPHY, (619)553-6571 OR DARRIN BRENDEL, 619-524-7832, DARRIN.BRENDEL@NAVY.MIL

Task/Abbreviation: I-43121-018- -AN/USQ-82 DMS - MRC A2C3			MJC: CEXECIB4		Rev Date: 8/27/2010
RCM Analysis: 11/1/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-43121-018)THE AN/USQ-82 DATA MULTIPLEX SYSTEM (DMS) REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/USQ-82 DATA MULTIPLEX SYSTEM (DMS) ASSESSMENT IN ACCORDANCE WITH MRC A2C3 AS FOLLOWS: 1. PERFORM MATERIAL CONDITION INSPECTION OF INPUT OUTPUT UNITS (IOUS) AND AREA REMOTE MULTIPLEXER (ARMS). 2. PERFORM POWER SUPPLY AND LAMP TEST. 3. PERFORM END-AROUND SYSTEM SUBTEST (WRAP TEST). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-43211-012- -DEFINITY 75 TEL - MRC T1K0**MJC:** CXECIA84**Rev Date:** 12/7/2006**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-43211-012)THE DEFINITY 75 SHIPS SERVICE TELEPHONE SYSTEM (SSTS) REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE DEFINITY 75 SHIPS SERVICE TELEPHONE SYSTEM (SSTS) ASSESSMENT IN ACCORDANCE WITH MRC T1K0 AS FOLLOWS: 1. PERFORM ELECTRICAL TESTS. 2. PERFORM PROGRAMMING ASSESSMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-43211-013- -DEFINITY IVN - MRC 9JRR**MJC:** CXECIA85**Rev Date:** 6/16/2005**RCM Analysis:** 2/7/2005**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-43211-013)THE DEFINITY INTEGRATED VOICE NETWORK (IVN) REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE DEFINITY INTEGRATED VOICE NETWORK (IVN) ASSESSMENT IN ACCORDANCE WITH MRC 9JRR AS FOLLOWS: 1. VERIFY ALARM AND ERROR STATUS OF PBX. 2. VERIFY ALARM AND ERROR STATUS OF DCSS. 3. VERIFY ALARM AND ERROR STATUS OF DDM-2000. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-43211-015- -DEFINITY IVN - MRC 9JRW			MJC: CXECIA87		Rev Date: 6/16/2005					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-43211-015)THE DEFINITY INTEGRATED VOICE NETWORK (IVN) REQUIRES ASSESSMENT.	ACCOMPLISH THE DEFINITY INTEGRATED VOICE NETWORK (IVN) ASSESSMENT IN ACCORDANCE WITH MRC 9JRW AS FOLLOWS: 1. MEASURE VOLTAGE READINGS. 2. TEST ALARM SETPOINTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-43211-018- -DEFINITY IVN - MRC 9JSA			MJC: CXECIA90		Rev Date: 1/2/2007						
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:				
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:		
Referenced Authority:			Repair Pool:			MCC: 3					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-43211-018)THE DEFINITY INTEGRATED VOICE NETWORK (IVN) REQUIRES ASSESSMENT.	ACCOMPLISH THE DEFINITY INTEGRATED VOICE NETWORK (IVN) ASSESSMENT IN ACCORDANCE WITH MRC 9JSA AS FOLLOWS: 1. HARD SELECT THE ON-LINE SWITCH PROCESSING ELEMENT (SPE). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-43211-019- -DEFINITY IVN - MRC 9JSB			MJC: CXECIA91		Rev Date: 6/16/2005					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-43211-019)THE DEFINITY INTEGRATED VOICE NETWORK (IVN) REQUIRES ASSESSMENT.	ACCOMPLISH THE DEFINITY INTEGRATED VOICE NETWORK (IVN) ASSESSMENT IN ACCORDANCE WITH MRC 9JSB AS FOLLOWS: 1. HARD RESET/CONTROLLER SELECT ON DCSS CABINET. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-43211-021- -DEFINITY IVN - MRC 9JSQ			MJC: CXECIA93		Rev Date: 6/16/2005					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-43211-021)THE DEFINITY INTEGRATED VOICE NETWORK (IVN) REQUIRES ASSESSMENT.	ACCOMPLISH THE DEFINITY INTEGRATED VOICE NETWORK (IVN) ASSESSMENT IN ACCORDANCE WITH MRC 9JSQ AS FOLLOWS: 1. CLEAN AND INSPECT IVN SYSTEM BATTERIES. 2. ACCOMPLISH LONG DURATION LOAD TEST ON BATTERIES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-43211-023- -DEFINITY IVN - MRC 9JSV			MJC: CXECIA95		Rev Date: 6/16/2005					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-43211-023)THE DEFINITY INTEGRATED VOICE NETWORK (IVN) REQUIRES ASSESSMENT.	ACCOMPLISH THE DEFINITY INTEGRATED VOICE NETWORK (IVN) ASSESSMENT IN ACCORDANCE WITH MRC 9JSV AS FOLLOWS: 1. ACCOMPLISH PROGRAMMABLE INTEGRATED COMMUNICATION TERMINAL (PICT) OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-43211-024- -DIMENSION TEL SYS - MRC T1K1**MJC:** CXECIA96**Rev Date:** 6/17/2005**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-43211-024)THE DIMENSION 2000 TELEPHONE SYSTEM REQUIRES ASSESSMENT.

ACCOMPLISH THE DIMENSION 2000 TELEPHONE SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC T1K1 AS FOLLOWS: 1. ASSESS DIMENSION 2000 TELEPHONE SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-43211-029- -DEFINITY IVN - MRC 9JSU			MJC: CXECICA6		Rev Date: 7/29/2005					
RCM Analysis: 8/2/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-43211-029)THE DEFINITY INTEGRATED VOICE NETWORK (IVN) REQUIRES ASSESSMENT.	ACCOMPLISH THE DEFINITY INTEGRATED VOICE NETWORK (IVN) ASSESSMENT IN ACCORDANCE WITH MRC 9JSU AS FOLLOWS: 1. MEASURE INDIVIDUAL IVN BATTERY VOLTAGE. 2. ACCOMPLISH EQUALIZING CHARGE ON IVN BATTERIES. 3. SECURE EQUALIZING CHARGE ON IVN BATTERIES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-43311-016- -1MC BTRY DROP TST - MRC 9SQN			MJC: CXECIAA1		Rev Date: 12/6/2006
RCM Analysis: 8/2/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-43311-016)THE 1MC ANNOUNCING SYSTEM BATTERY DROP TEST REQUIRES ASSESSMENT.	ACCOMPLISH THE 1MC ANNOUNCING SYSTEM BATTERY DROP TEST ASSESSMENT IN ACCORDANCE WITH MRC 9SQN AS FOLLOWS: 1. CHECK BATTERIES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-43311-022- -AN/SIA-119A, 120B - MRC 6PEF			MJC: CEXECIBY4		Rev Date: 3/31/2008					
RCM Analysis: 12/6/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-43311-022)THE AN/SIA-119, 120 AMPLIFIER REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SIA-119, 120 AMPLIFIER ASSESSMENT IN ACCORDANCE WITH MRC 6PEF AS FOLLOWS: 1. TEST AMPLIFIER CONTROL GROUP AN/SIA-119A, AN/SIA-120, AN/SIA-120B OR AN/SIA-125 WITH TEST MICROPHONE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-43311-026- -1MC INSULATION RES - MRC 9DAU			MJC: CEXECIDE8		Rev Date: 9/18/2009
RCM Analysis: 7/7/2008	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-43311-017)THE 1MC ANNOUNCING SYSTEM SPEAKER RESISTANCE TO GROUND ASSESSMENT .	ACCOMPLISH THE 1MC ANNOUNCING SYSTEM LOAD ANALYSIS ASSESSMENT IN ACCORDANCE WITH MRC 9DAU AS FOLLOWS: 1. MEASURE SPEAKER GROUP RESISTANCE TO GROUND. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-43311-027- -1MC LD ANALYSIS - MRC 9SRM			MJC: CEXECIDE9		Rev Date: 9/18/2009
RCM Analysis: 7/7/2008	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-43311-017)THE 1MC/3MC/5MC/6MC ANNOUNCING SYSTEM LOAD ANALYSIS REQUIRES ASSESSMENT.	ACCOMPLISH THE 1MC ANNOUNCING SYSTEM LOAD ANALYSIS ASSESSMENT IN ACCORDANCE WITH MRC 9SRM AS FOLLOWS: 1. MEASURE SPEAKER LOAD, IMPEDANCE AND RESISTANCE TO GROUND. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-43411-003- -OE-556/U ANTENNA GP - MRC N2P1			MJC: CXCIBY5		Rev Date: 8/25/2010
RCM Analysis: 9/6/2004		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-43411-003)THE OE-556/U, OE-556A/U (TV-DTS) ANTENNA GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE OE-556A/U, OE-556A/U (TV-DTS) ANTENNA GROUP ASSESSMENT IN ACCORDANCE WITH MRC N2P1 AS FOLLOWS: 1. PERFORM VISUAL INSPECTION. 2. PERFORM OPERATIONAL TESTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-43411-004- -EC 71042 OE-556 EC1 - ACCOMP				MJC: CEXECICP6		Rev Date: 9/26/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 3		Alt No: EC 71042 OE556	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-43411-4) EC 71042 OE-556, A/U EC-1, TV-DTS SOLID STATE IMU UPG, NOT ACCOMPLISHED	ACCOMPLISH EC 71042 OE-556, A/U EC-1 WHICH REDUCES THE NUMBER OF TV-DTS ANTENNA PEDESTAL AND IMU FAILURES BY UTILIZING THE MK 1V SOLID-STATE IMU. THE SYSTEMS OPERATING SOFTWARE MUST BE UPGRADED TO V3.5 OR HIGHER TO SUPPORT THE MK IV IMU. NON-SOLID STATE IMUSs ARE NO LONGER IN PRODUCTION. POC: CHARLES VINSON (PMW 170) 619-890-6033, CHARLES.VINSON@NAVY.MIL & RICHARD DIAZ, 619-725-6729, DIAZ.RICHARD@BAH.COM.

Task/Abbreviation: K-43411-009- -SWD 78460 BFTT 3.5 - ACCOMP			MJC: EXSAO330		Rev Date: 9/23/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: 78460
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-43411-9) SWD 78460 BFTT 3.5, NOT ACCOMPLISHED	AIT ACCOMPLISH SWD 78460 BFTT 3.5, BFTT 3.5 SWD, WHICH INCORPORATES ELEVEN BFTT SOFTWARE ECPS THAT PRIMARILY ADDRESS TRAINING SUPPORT OF THE AN/SQQ-89A(V)15 SYSTEM AND BFTT MEETING ITS IA OBJECTIVES IMPOSED BY DITSCAP REQUIREMENTS. POC: TIM GILBERT, 757-672-0037, TIMOTHY.A.GILBERT@NAVY.MIL

Task/Abbreviation: K-43411-010- -SWD 78694 BEWT 3.5 - ACCOMP				MJC: EXSAO332	Rev Date: 9/23/2011
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 0	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: 78694
Referenced Authority:	Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-43411-010) SWD 78694 BEWT 3.5, NOT ACCOMPLISHED	AIT ACCOMPLISH SWD 78694 BEWT 3.5, BEWT BUILD 3.5, WHICH IS A COMPLEMENT TO THE BFTT 3.5 SOFTWARE (SCDS 8460 & 8601) AND MEETS THE INFORMATION ASSURANCE (IA) OBJECTIVES INTENDED FOR THAT BFTT LOAD. THIS ALLOWS BFTT, BEWT AND TSSS TO FINALLY GET A PERMANENT AUTHORITY TO OPERATE (ATO) UNDER THE DITSCAP REQUIREMENTS. OVERALL BEWT 3.5 INITIALLY INCORPORATES THE EIGHT IA ECPS THAT WERE INCLUDED IN BFTT 3.5. POC: TIM GILBERT, 757-672-0037, TIMOTHY.A.GILBERT@NAVY.MIL

Task/Abbreviation: O-43411-011- -SWD 78695 TSSS 2.4 - ACCOMP			MJC: EXSAO334		Rev Date: 5/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: 78695
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-43411-11) SWD 78695 TSSS 2.4, TSSS 2.4 SWD, NOT ACCOMPLISHED	ACCOMPLISH SWD 78695 TSSS 2.4, TSSS BUILD 2.4, WHICH IS A COMPLEMENT TO THE BFTT 3.5 SOFTWARE (SCDS 8460 & 8601) AND MEETS THE INFORMATION ASSURANCE (IA) OBJECTIVES INTENDED FOR THAT BFTT LOAD, WHICH WILL ALLOW BFTT, BEWT AND TSSS TO FINALLY GET A PERMANENT AUTHORITY TO OPERATE (ATO) UNDER THE DITSCAP REQUIREMENTS. OVERALL TSSS 2.4 INITIALLY INCORPORATES THE EIGHT IA ECPS THAT WERE INCLUDED IN BFTT 3.5. POC: TIM GILBERT, 757-672-0037, TIMOTHY.A.GILBERT@NAVY.MIL

Task/Abbreviation: I-43611-063- -ALARM SWBD - MRC 6CPR**MJC:** EXECI835**Rev Date:** 5/30/2008**RCM Analysis:** 7/24/2006**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-43611-063)THE ALARM SWITCHBOARDS AND PANELS REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE ALARM SWITCHBOARDS AND PANELS ASSESSMENT IN ACCORDANCE WITH MRC 6CPR AS FOLLOWS: 1. TEST ALARM SWITCHBOARDS AND PANELS AND TEST B51/B52 ALARM PANELS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-43611-075- -RFGT LEAK MON SYS - MRC 9MAT**MJC:** CXECIAA8**Rev Date:** 12/6/2006**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-43611-075)THE PARASENSE MODEL 3304/3308
FSV-N REFRIGERANT LEAK MONITORING SYSTEM
REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE PARASENSE MODEL 3304/3308 FSV-N
REFRIGERANT LEAK MONITORING SYSTEM ASSESSMENT IN
ACCORDANCE WITH MRC 9MAT AS FOLLOWS: 1. PERFORM STYX
MODULE ACCURACY CHECK. REPORT CONDITIONS FOUND TO
SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN
THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD
(2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-43611-078- -RFGT LEAK MON SYS - MRC T1P0			MJC: CXECIC70		Rev Date: 12/6/2006					
RCM Analysis: 8/2/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-43611-078)THE PARASENSE MODEL 3304/3308 FSV-N REFRIGERANT LEAK MONITORING SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE PARASENSE MODEL 3304/3308 FSV-N REFRIGERANT LEAK MONITORING SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC T1P0 AS FOLLOWS: 1. PERFORM REFRIGERANT MONITOR SYSTEM ASSESSMENT PROCEDURE AND SAMMS TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-43611-080- -SHIPALT LHD1-03267K - ACCOMP			MJC: CXSAK096		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 15,500	ManDays: 232	Alt No: SALHD 03267 K	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-43611-80) SHIPALT LHD1-03267K, JOINT BIOLOGICAL POINT DETECTION, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03267K WHICH INSTALLS THE JOINT BIOLOGICAL POINT DETECTION SYSTEM (JBPDs). THIS MONITORS OUTSIDE AIR FOR THE PRESENCE OF BIOLOGICAL AGENTS, AND PROVIDES WARNINGS TO THE SHIP'S FORCE. POC: PAT WILSON, 812-854-4917, MANIA.WILSON@NAVY.MIL.

Task/Abbreviation: K-43611-091- -SHIPALT LHD1-00451K - ACCOMP			MJC: CXSAK219		Rev Date: 12/11/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 15,500	ManDays: 232	Alt No: SALHD 00451 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-43611-91) SHIPALT LHD1-00451K, JOINT BIOLOGICAL POINT DETECTION, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00451K WHICH INSTALLS THE JOINT BIOLOGICAL POINT DETECTION SYSTEM (JBPDS). THIS MONITORS OUTSIDE AIR FOR THE PRESENCE OF BIOLOGICAL AGENTS, AND PROVIDES WARNINGS TO THE SHIP'S FORCE, ALLOWING TIMELY PROTECTIVE AND EVASIVE ACTIONS. POC: JENNIFER GADBERRY, 812-854-2340, JENNIFER.GADBERRY@NAVY.MIL.

Task/Abbreviation:		K-43611-096- -SHIPALT LHD1-03251K - ACCOMP		MJC: CXSAK263		Rev Date: 4/26/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 45		Alt No: SALHD 03251 K	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-43611-96) SHIPALT LHD1-03251K, JOINT CHEMICAL AGENT DETECTOR, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03251K WHICH THE JOINT CHEMICAL AGENT DETECTOR SYSTEM (JCADS), PROVIDES HAND HELD AUTOMATIC REAL-TIME DETECTION OF CHEMICAL VAPORS AND HAS BOTH AUDIO AND VISUAL ALARM. FUTHER, THE JCAD PROVIDES THE INDENTIFICATION AND QUANTIFICATION OF NERVE, BLISTER AND BLOOD AGENTS.

Task/Abbreviation: K-43611-097- -SHIPALT LHD1-71786K - ACCOMP**MJC:** CXSAK280**Rev Date:** 5/16/2007**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10**ManDays:** 10**Alt No:** SALHD 71786 K**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-43611-97) SHIPALT LHD1-71786K JOINT BIOLOGICAL POINT DETECTION, NOT ACCOMPLISHED

ACCOMPLISH SHIPALT LHD1-71786K WHICH THIS SHIP CHANGE DOCUMENT PROVIDES THE NECESSARY INFORMATION TO INSTALL THE JOINT BIOLOGICAL POINT DETECTION SYSTEM (JBPDS) EQUIPMENT ONBOARD LHA-01, LHD-01, LSD-41 AND LSD-49 CLASS SHIPS. THE JBPDS CONTAINS THE FOLLOWING: ONE BASIC BIO-SUITE UNIT (BBSU), ONE POWER PACK, AND TWO EXTERNAL CONTROL SYSTEMS (ECS) AND ASSOCIATED ATTACHING HARDWARE. THE ATTACHING HARDWARE CONSISTS OF ONE COLLECTION INLET AND ONE BIOLOGICAL AEROSOL WARNING SENSOR (BAWS) INLET, WITH ASSOCIATED EXHAUST OUTLETS. THE ECSS WILL BE LOCATED IN DAMAGE CONTROL CENTRAL AND COMBAT INFORMATION CENTER. THE BBSU AND POWER PACK ARE CO-LOCATED INSIDE AN EXTERIOR BULKHEAD AS FAR FORWARD AND HIGH AS POSSIBLE. PENETRATIONS THROUGH THE BULKHEAD OR OVERHEAD ARE REQUIRED FOR TWO AIR INLET STACKS AND TWO EXHAUST PORTS. THE JBPDS INTEGRATES WITH SHIP'S 1MC AND NAVSSI SYSTEMS.. POC, JENNIFER GADBERRY, 812-854-2340, JENNIFER.GADBERRY@NAVY.MIL.

Task/Abbreviation: O-43611-101- -MACHALT 74628 - ACCOMP				MJC: EXSAO226		Rev Date: 8/17/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 12		Alt No: MA 74628	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-43611-101) MACHALT 74628, MOD AIR FLOW MONITORING/ALARM, NOT ACCOMPLISHED	ACCOMPLISH MACHALT 74628 WHICH INSTALLS THE AIRFLOW INDICATOR SYSTEM WITH A SOFTWARE-CONTROLLED BATTERY PROTECTION CIRCUIT. THE PROCESSOR MONITORS BATTERY CHARGE AND DISCONNECTS THE BATTERY BEFORE THE BATTERY VOLTAGE IS DRAWN DOWN TO THE LEVEL WHICH RESULTS IN DEEP DISCHARGE DAMAGE. POC: MICHAEL BENHAM, 215-897-7016, MICHAEL.BENHAM@NAVY.MIL.

Task/Abbreviation: K-43611-105- -SHIPALT LHD1-71265K - ACCOMP**MJC:** CXSAK407**Rev Date:** 5/14/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10**ManDays:** 10**Alt No:** SALHD 71265 K**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-43611-105) SHIPALT LHD1-71265K, INSTALL LOW
LT FLT DK SURV SYS, NOT ACCOMPLISHED.ACCOMPLISH SHIPALT LSD41-71265K WHICH SUPPLEMENTS THE
EXISTING DAY-ONLY CAMERA SYSTEM. THE CHANGE INSTALLS A
NIGHT VISION DEVICE (NVD) COMPATIBLE LOW-LIGHT-LEVEL
SURVEILLANCE SYSTEM FOR FLIGHT DECK, HANGAR BAY, WELL
DECK, WATERLINE AND ENGRG SPACES. THE SYSTEM PROVIDES
PRIFLY, FLIGHT DECK CONTROL, DEBARK CONTROL, DC CENTRAL,
MAA AND ENGRG SPACES WITH REAL-TIME CCTV VISUAL DISPLAY
AND DIGITAL RECORDING CAPABILITY OF ANY SELECTED SYSTEM
VIDEO SIGNALS. THE SYSTEM WILL GREATLY IMPROVE
SITUATIONAL AWARENESS AND CAPABILITY IN SUPPORT OF THE
GLOBAL WAR ON TERROR. POC: KURT HARTIG, 732-323-1696,
KURT.HARTIG@NAVY.MIL OR LAURA SILVERI, 732 323 2997,
LAURA.SILVERI@NAVY.MIL

Task/Abbreviation: A-43611-175- -AER LHD1-04800 H2S ALM-ACCOMP			MJC: EXTAAAA3		Rev Date: 12/10/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: AER LHD1 04800
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-43611-175) AER LHD1 04800 INSTALL H2S ALARM SYSTEM, NOT ACCOMPLISHED.	ACCOMPLISH AER LHD1 04800 WHICH INSTALLS H2S ALARM SYSTEM IN TWO (2) CHT PUMPS (1 AND 2) AND SEWAGE RECEIVING ROOM.

Task/Abbreviation: I-43711-018- -SALINITY IND PNL - MRC 6USD				MJC: EXECI839		Rev Date: 6/27/2005					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-43711-018)THE SALINITY INDICATING PANEL REQUIRES ASSESSMENT.	ACCOMPLISH THE SALINITY INDICATING PANEL ASSESSMENT IN ACCORDANCE WITH MRC 6USD AS FOLLOWS: 1. CHECK AND SET ALARM SET POINTS. 2. CHECK METER OPERATION. 3. TEST ALARM SET POINT. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1. DUE TO EPA REGULATIONS, ALL SALINITY CHANNELS WITH A DUMP VALVE ASSOCIATED WITH IT SHALL BE TESTED/OPERATED 12 MILES OFFSHORE TO PREVENT DUMPING WASTEWATER PIER SIDE.

Task/Abbreviation: I-43711-019- -SALINITY IND PNL - MRC 8BNG			MJC: EXECI840		Rev Date: 6/27/2005					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-43711-019)THE SALINITY INDICATING PANEL REQUIRES ASSESSMENT.	ACCOMPLISH THE SALINITY INDICATING PANEL ASSESSMENT IN ACCORDANCE WITH MRC 8BNG AS FOLLOWS: 1. TEST METER AND ALARM SETPOINTS. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1. DUE TO EPA REGULATIONS, ALL SALINITY CHANNELS WITH A DUMP VALVE ASSOCIATED WITH IT SHALL BE TESTED/OPERATED 12 MILES OFFSHORE TO PREVENT DUMPING WASTEWATER PIER SIDE.

Task/Abbreviation: Q-43721-014- -FO TK TLI - RPR				MJC: EXECQAK0		Rev Date: 3/2/1999	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 55	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 55	Matl Cost: 50,000	ManDays: 110	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-43721-014)TANK LEVEL INDICATING SYSTEM REQUIRES REPAIR	REPAIR THE TANK LEVEL INDICATING SYSTEM FOR THE FUEL OIL TANKS (COMPENSATING AND NON-COMPENSATING STORAGE, SETTLING, SERVICE AND CARGO, AS APPLICABLE) PER CONDITION ASSESSMENT RECOMMENDATIONS. FOR GEMS TRANSMITTER EQUIPPED SHIPS ONLY, THE TASK INCLUDES REPLACEMENT OF FSS2 CABLE WITH RAYCHEM CABLE AND NITRAL BUSHINGS, REPAIR OR REPLACEMENT OF THE TRANSMITTER, AND REPAIR OR REPLACEMENT OF EPOXY COATING ON THE TRANSMITTER.

Task/Abbreviation: Q-43721-015- -JP5 TK TLI - RPR				MJC: EXECQAK1		Rev Date: 3/3/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 15		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 15		Matl Cost: 10,000		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-43721-015)TANK LEVEL INDICATING SYSTEM REQUIRES REPAIR	REPAIR THE TANK LEVEL INDICATING SYSTEM FOR THE JP5 TANKS (STORAGE, SERVICE, CARGO, AS APPLICABLE) PER CONDITION ASSESSMENT RECOMMENDATIONS. FOR GEMS TRANSMITTER EQUIPPED SHIPS ONLY, THE TASK INCLUDES REPLACEMENT OF FSS2 CABLE WITH RAYCHEM CABLE AND NITRAL BUSHINGS, REPAIR OR REPLACEMENT OF THE TRANSMITTER, AND REPAIR OR REPLACEMENT OF EPOXY COATING ON THE TRANSMITTER.

Task/Abbreviation: Q-43721-016- -FDW TK TLI - RPR				MJC: EXECQAK2		Rev Date: 10/26/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: X		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: X		Matl Cost: 2,500		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-43721-016)TANK LEVEL INDICATING SYSTEM REQUIRES REPAIR	REPAIR THE TANK LEVEL INDICATING SYSTEM FOR THE FEEDWATER TANKS PER CONDITION ASSESSMENT RECOMMENDATIONS. FOR GEMS TRANSMITTER EQUIPPED SHIPS ONLY, THE TASK INCLUDES REPLACEMENT OF FSS2 CABLE WITH RAYCHEM CABLE AND NITRAL BUSHINGS, REPAIR OR REPLACEMENT OF THE TRANSMITTER, AND REPAIR OR REPLACEMENT OF EPOXY COATING ON THE TRANSMITTER.

Task/Abbreviation: Q-43721-017- -POTW TK TLI - RPR			MJC: EXECQAK3		Rev Date: 3/3/1999
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 6	Matl Cost: 5,000	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-43721-017)TANK LEVEL INDICATING SYSTEM REQUIRES REPAIR	REPAIR THE TANK LEVEL INDICATING SYSTEM FOR THE POTABLE WATER TANKS PER CONDITION ASSESSMENT RECOMMENDATIONS. FOR GEMS TRANSMITTER EQUIPPED SHIPS ONLY, THE TASK INCLUDES REPLACEMENT OF FSS2 CABLE WITH RAYCHEM CABLE AND NITRAL BUSHINGS, REPAIR OR REPLACEMENT OF THE TRANSMITTER, AND REPAIR OR REPLACEMENT OF EPOXY COATING ON THE TRANSMITTER.

Task/Abbreviation: Q-43721-018- -BLST TK TLI - RPR				MJC: EXECQAK4		Rev Date: 10/25/1999	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 34	Removal Required:	
Lvl of Maint: 1		Freq: 0	Equip/Task: 34	Matl Cost: 10,000	ManDays: 20	Alt No:	
Referenced Authority:			Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-43721-018)TANK LEVEL INDICATING SYSTEM REQUIRES REPAIR	REPAIR THE TANK LEVEL INDICATING SYSTEM FOR THE BALLAST TANKS PER CONDITION ASSESSMENT RECOMMENDATIONS. FOR GEMS TRANSMITTER EQUIPPED SHIPS ONLY, THE TASK INCLUDES REPLACEMENT OF FSS2 CABLE WITH RAYCHEM CABLE AND NITRAL BUSHINGS, REPAIR OR REPLACEMENT OF THE TRANSMITTER, AND REPAIR OR REPLACEMENT OF EPOXY COATING ON THE TRANSMITTER.

Task/Abbreviation: Q-43721-019- -CONTAM TK TLI - RPR			MJC: EXECQAK5		Rev Date: 3/3/1999
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 2	Matl Cost: 5,000	ManDays: 8	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-43721-019)TANK LEVEL INDICATING SYSTEM REQUIRES REPAIR	REPAIR THE TANK LEVEL INDICATING SYSTEM FOR THE CONTAMINATED OIL/WATER TANKS PER CONDITION ASSESSMENT RECOMMENDATIONS. FOR GEMS TRANSMITTER EQUIPPED SHIPS ONLY, THE TASK INCLUDES REPLACEMENT OF FSS2 CABLE WITH RAYCHEM CABLE AND NITRAL BUSHINGS, REPAIR OR REPLACEMENT OF THE TRANSMITTER, AND REPAIR OR REPLACEMENT OF EPOXY COATING ON THE TRANSMITTER.

Task/Abbreviation: Q-43721-020- -LO STOR TK TLI - RPR			MJC: EXECQAK6		Rev Date: 3/3/1999
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 8	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 8	Matl Cost: 720	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-43721-020)TANK LEVEL INDICATING SYSTEM REQUIRES REPAIR	REPAIR THE TANK LEVEL INDICATING SYSTEM FOR THE LUBE OIL STORAGE TANKS PER CONDITION ASSESSMENT RECOMMENDATIONS. FOR GEMS TRANSMITTER EQUIPPED SHIPS ONLY, THE TASK INCLUDES REPLACEMENT OF FSS2 CABLE WITH RAYCHEM CABLE AND NITRAL BUSHINGS, REPAIR OR REPLACEMENT OF THE TRANSMITTER, AND REPAIR OR REPLACEMENT OF EPOXY COATING ON THE TRANSMITTER.

Task/Abbreviation: Q-43721-021- -LO SETLG TK TLI - RPR			MJC: EXECQAK7		Rev Date: 3/3/1999
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 8	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 8	Matl Cost: 720	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-43721-021)TANK LEVEL INDICATING SYSTEM REQUIRES REPAIR	REPAIR THE TANK LEVEL INDICATING SYSTEM FOR THE LUBE OIL SETTLING TANKS PER CONDITION ASSESSMENT RECOMMENDATIONS. FOR GEMS TRANSMITTER EQUIPPED SHIPS ONLY, THE TASK INCLUDES REPLACEMENT OF FSS2 CABLE WITH RAYCHEM CABLE AND NITRAL BUSHINGS, REPAIR OR REPLACEMENT OF THE TRANSMITTER, AND REPAIR OR REPLACEMENT OF EPOXY COATING ON THE TRANSMITTER.

Task/Abbreviation: D-43721-066- -SHIPALT LHD1-03149D - ACCOMP				MJC: EXSAD451		Rev Date: 2/17/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 178,065		ManDays: 2793		Alt No: SALHD 03149 D	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-43721-66) SHIPALT LHD1-03149D, INSTL RADAR TYPE TLI/DFM TKS, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-03149D, INSTL RADAR TYPE TLI/DFM TKS, WHICH REPLACES THE EXISTING DFM TANK LEVEL INDICATING (TLI) SYSTEM WITH A GUIDED WAVE PULSE RADAR TYPE TLI SYSTEM FOR ALL DFM STOWAGE, SERVICE AND CONTAMINATED SETTLING TANKS.

Task/Abbreviation: D-43721-067- -SHIPALT LHD1-03150D - ACCOMP			MJC: EXSAD452		Rev Date: 5/3/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 69,839	ManDays: 603	Alt No: SALHD 03150 D
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-43721-67) SHIPALT LHD1 03150D, INSTL RADAR TYPE TLI/PW TKS, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1 03150D, INSTL RADAR TYPE TLI/PW TKS, WHICH REPLACES THE EXISTING POTABLE WATER TANK LEVEL INDICATING (TLI) SYSTEM WITH A GUIDED WAVE PULSE RADAR TYPE TLI SYSTEM FOR ALL POTABLE WATER TANKS.

Task/Abbreviation: D-43721-068- -SHIPALT LHD1-03151D - ACCOMP			MJC: EXSAD453		Rev Date: 2/17/2005	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 96,981	ManDays: 1184	Alt No: SALHD 03151 D	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-43721-68) SHIPALT LHD1-03151D, INSTL RADAR TYPE TLI/JP-5 TKS, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-03151D, INSTL RADAR TYPE TLI/JP-5 TKS, WHICH REPLACES THE EXISTING JP-5 TANK LEVEL INDICATING (TLI) SYSTEM WITH A GUIDED WAVE PULSE RADAR TYPE TLI SYSTEM FOR ALL JP-5 STORAGE AND SERVICE TANKS.

Task/Abbreviation: D-43721-074- -SHIPALT LHD1-00342D - ACCOMP			MJC: EXSAD516		Rev Date: 2/23/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 32,000	ManDays: 567	Alt No: SALHD 00342 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-43721-74) SHIPALT LHD1-00342D, INSTL RADAR TYPE TLI'S/DFM TKS, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-00342D WHICH REPLACES THE EXISTING DFM TANK LEVEL INDICATING SYSTEM.

Task/Abbreviation: D-43721-075- -SHIPALT LHD1-00343D - ACCOMP			MJC: EXSAD517		Rev Date: 2/23/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 27,000	ManDays: 65	Alt No: SALHD 00343 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-43721-75) SHIPALT LHD1-00342D, INSTL RADAR TYPE TLI'S/DFM TKS, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-00342D WHICH REPLACES THE EXISTING DFM TANK LEVEL INDICATING SYSTEM.

Task/Abbreviation: D-43721-076- -SHIPALT LHD1-00344D - ACCOMP			MJC: EXSAD518		Rev Date: 2/23/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 45,000	ManDays: 109	Alt No: SALHD 00344 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-43721-76) SHIPALT LHD1-00344D, INSTL RADAR TYPE TLI'S/JP-5TKS, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-00344D WHICH REPLACES THE EXISTING JP-5 TANK LEVEL INDICATING SYSTEM.

Task/Abbreviation: D-43721-091- -SHIPALT LHD1-73098D - ACCOMP				MJC: EXSAD626		Rev Date: 9/21/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 10		ManDays: 10		Alt No: SA 73098 D	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		SHIPALT 73098D, REP FLOAT TLIS WITH RADAR TLIS, NOT ACCOMPLISHED				ACCOMPLISH SHIPALT 73098D WHICH REPLACES (34) FLOAT TYPE TANK LEVEL INDICATION (TLI)SYSTEMS WITH RADAR TLIS FOR ALL THE BALLAST TANKS. POC: JOSEPH AMADORO, 215 897 7274, JOSEPH.AMADORO@NAVY.MIL					

Task/Abbreviation: D-43721-094- -SHIPALT LHD1-74095D - ACCOMP			MJC: EXSAO292		Rev Date: 12/9/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 300	Alt No: SCD 74095
Referenced Authority:	Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-43721-94) SHIPALT LHD1-74095 (FORMERLY SCD 74095), INSTL RADAR TYPE TLI'S/FEED WTR TKS, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-74095 (SCD 74095) WHICH REPLACES APPROXIMATELY 4 FEED WATER TANK FLOAT TYPE TANK LEVEL INDICATION SYSTEMS WITH RADAR TLIS. THIS ALT REPLACES THE GEMS TANK LEVEL INDICATOR PROBES AND THE PRIMARY AND SLAVE TLI RECEIVERS WITH RADAR TANK LEVEL INDICATOR SENSORS. SOUNDING TUBE PIPING SHALL BE MODIFIED OR NEW PIPING INSTALLED TO ACCOMMODATE THE NEW RADAR TLIS. THE SIGNALS FROM THE RADAR TLIS SHALL BE RUN TO I/O DROPS (INPUT/OUTPUT) WHICH WILL FORWARD THE INDICATION TO THE FUEL CONTROL CONSOLES. ALL FEED WATER TANK LEVELS CAN BE MONITORED FROM A FLAT PANEL DISPLAY IN DCC. POC: ERIC MSCISZ, ERIC.MSCISZ@NAVY.MIL, 215 897 1212

Task/Abbreviation: K-43731-011- -SHIPALT LHD1-03144K - ACCOMP				MJC: CXSAK097		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost: 82,125		ManDays: 896		Alt No: SALHD 03144 K	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-43731-11) SHIPALT LHD1-03144K, MORIAH WIND SYS (MWS) INSTLN, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03144K WHICH INSTALLS THE MORIAH WIND SYSTEM.

Task/Abbreviation: O-43731-012- -SWD 3144 MORIAH *1.1 - ACCOMP				MJC: EXSAO084		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No: SWD 3144 MORIA	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-43731-12) SWD 3144, MORIAH WIND SOFTWARE *1.1, NOT ACCOMPLISHED	ACCOMPLISH SWD 3144 WHICH INSTALLS MORIAH WIND SOFTWARE WITH THE MORIAH HARDWARE. "POC" JOHN ZIRKEL, 732-323-4044, JOHN.ZIRKEL@NAVY.MIL.

Task/Abbreviation: K-43731-013- -SHIPALT LHD1-00339K - ACCOMP			MJC: CXSAK158		Rev Date: 6/23/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 82,000	ManDays: 895	Alt No: SALHD 00339 K
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-43731-13) SHIPALT LHD1-00339K, MORIAH WIND SYS (MWS) INSTLN, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00339K WHICH IS A FULL REPLACEMENT FOR THE CURRENT TYPE F WIND MEASURING AND INDICATING SYSTEM (WMIS). THE MWS IS COMPRISED FOR WIND SENSORS, REDUNDANT PROCESSING CAPABILITIES, HIGH-END DISPLAY(S) (HED) AND LOW-END DISPLAY(S) (LED). INSTALLATION WILL CONSIST OF 2 DIGITAL ANEMOMETERS, REDUNDANT PROCESSORS, AND HEDS AND LEDS IN MULTIPLE LOCATIONS. THE EXACT LOCATION OF THE MWS COMPONENTS WILL BE DETERMINED DURING THE SHIP CHECK. POC: JOANN HELLER, 732-600-6460, JOANN.HELLER@NAVY.MIL

Task/Abbreviation: O-43731-014- -SWD 73725 MORIAH *1.2 - ACCOMP				MJC: EXSAO202		Rev Date: 1/30/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No: SWD 73725	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-43731-14) SWD 73725 MORIAH *1.2, MORIAH WIND SOFTWARE, NOT ACCOMPLISHED	ACCOMPLISH SWD 73725 MORIAH *1.2 WHICH THIS CHANGE UPDATES AN/SMQ-13 MORIAH WIND SYSTEM (MWS) SOFTWARE FROM VERSION 1.1 TO VERSION 1.2 TO CORRECT SOFTWARE TROUBLE REPORT #6115-CVN-001. ALT AND INSTALLATION HAVE BEEN FULLY FUNDED. POC, JOHN ZIRKEL, 732-323-4044, JOHN.ZIRKEL@NAVY.MIL.

Task/Abbreviation: O-43731-099- -SWD 75394 MORIAH 1.3 - ACCOMP			MJC: EXSAO522		Rev Date: 3/17/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 1	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 75397
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-43731-99) SWD 75397, MORIAH WIND SOFTWARE 1.3, NOT ACCOMPLISHED	ACCOMPLISH SWD 75397. THIS CHANGE UPDATES AN/SMQ-13 MORIAH WIND SYSTEM SOFTWARE FROM VERSION 1.1/1.2 TO VERSION 1.3 WHICH ADDS NAVIGATIONAL INPUTS FROM THE NAVIGATION SENSOR SYSTEM INTERFACE (NAVSSI) AS REQUIRED AS WELL AS OTHER ENHANCEMENTS AND FUNCTIONAL UPGRADES TO ENABLE SMOOTHER OPERATION AND MAINTAINABILITY. "POC" KERRY NICHOLS AT NAVAIR LAKEHURST, PHONE 732-323-4544, KERRY.NICHOLS@NAVY.MIL.

Task/Abbreviation: A-43811-009- -AER 00402 ACCOMPLISH			MJC: EXTAAW9		Rev Date: 6/29/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: AER 00402
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	AER 00402 MODIFY/INSTALL SSTG CONTROLS NOT ACCOMPLISHED	INDUSTRIAL- ACCOMPLISH AER 00402 WHICH MODIFIES AND INSTALLS THE SSTG CONTROLS. THE GLAND SEAL STEAM SYSTEM IS MODIFIED, AND IT ADDS THE AUX CONDENSER HOTWELL LEVEL CONTROL AND THE AUX AIR EJECTOR CONDENSATE TEMPERATURE CONTROL. POC: THOMAS BENNETT, 215-599-7001, ROCKIE.BENNETT@NGC.COM

Task/Abbreviation: I-43911-014- -CCTV DISTR SYS - MRC A1W2			MJC: CXECIAB1		Rev Date: 6/11/2007					
RCM Analysis: 12/4/2006		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 6	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-43911-014)THE AN/SXQ-10A(V) 23TV CCTV DISTRIBUTION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SXQ-10A(V) 23TV CCTV DISTRIBUTION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC A1W2 AS FOLLOWS: 1. PERFORM SYSTEM PERFORMANCE TEST. 2. PERFORM REMOTE OUTPUT VERIFICATION TESTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: D-43911-023- -SHIPALT LHD1-71883D - ACCOMP			MJC: EXSAD649		Rev Date: 5/11/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 28	Alt No: SALHD 71883 D
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-43911-23) SHIPALT LHD1-71883D, INSTL ENG SURV SYS MONITORING, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71883D, INSTL ENG SURV SYS (ESS) MONITORING WHICH IS A COTS SYSTEM THAT MONITORS THE VARIOUS ENGINEERING GAUGE BOARDS, EQUIPMENT AND WATCH STATIONS IN MMRS, SHAFT ALLEYS AND OTHER ENGINEERING SPACES. THE ESS CONSISTS OF A COTS CCTV SWITCH MATRIX AND CONTROL SYSTEM, APPROXIMATELY (3) CONTROL STATIONS, (5) MONITORS AND (18) CAMERAS LOCATED IN CRITICAL ENGINEERING SPACES.

Task/Abbreviation: I-44111-017- -LF/HF WHIP ANT - MRC ECZ5			MJC: CXECIAB3		Rev Date: 8/25/2010
RCM Analysis: 10/23/2006	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 75	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44111-017)THE LF/HF WHIP ANTENNAS REQUIRES ASSESSMENT.	ACCOMPLISH THE LF/HF WHIP ANTENNAS ASSESSMENT IN ACCORDANCE WITH MRC ECZ5 AS FOLLOWS: 1. INSPECT AND CLEAN WHIP ANTENNA. 2. INSPECT AND CLEAN MATCHING UNIT, COUPLER, TUNER, OR JUNCTION BOX, AND INSULATORS. 3. MEASURE ANTENNA INSULATION RESISTANCE. 4. MEASURE METAL WHIP ANTENNA CONTINUITY. REGIONAL MAINTENANCE ACTIVITIES CONDUCTING ASSESSMENTS PERFORM MEASUREMENT STEPS, AND INSPECTION STEPS ONLY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44111-019- -VHF/UHF DIPOLE ANT - MRC ARU1			MJC: CXECIAB5		Rev Date: 10/3/2010
RCM Analysis: 10/23/2006	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44111-019)THE VHF/UHF DIPOLE ANTENNAS REQUIRES ASSESSMENT.	ACCOMPLISH THE VHF/UHF DIPOLE ANTENNAS ASSESSMENT IN ACCORDANCE WITH MRC ARU1 AS FOLLOWS: 1. INSPECT AND CLEAN VHF/UHF ANTENNA. 2. MEASURE VSWR. REGIONAL MAINTENANCE ACTIVITIES CONDUCTING ASSESSMENTS PERFORM ASSESS STEPS ONLY (I.E. NO CLEANING, NO SERVICING, NO LUBRICATING, ETC.). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44111-022- -HF WIRE ANT - MRC ECY5			MJC: CXCIBY6		Rev Date: 11/4/2010					
RCM Analysis: 10/23/2006		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44111-022)THE WIRE ANTENNA REQUIRES ASSESSMENT.	ACCOMPLISH THE WIRE ANTENNA ASSESSMENT IN ACCORDANCE WITH MRC ECY5 AS FOLLOWS: 1. INSPECT ANTENNA WIRES AND GROUND WIRES. 2. INSPECT, CLEAN, AND PRESERVE MATCHING NETWORK INSULATOR. 3. MEASURE ANTENNA INSULATION RESISTANCE. REGIONAL MAINTENANCE ACTIVITIES CONDUCTING C5RA/TSRA ASSESSMENTS PERFORM INSPECTION STEPS ONLY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44111-023- -OA-9242/3 (ATG) - MRC N2U4**MJC:** CXECIBY7**Rev Date:** 11/4/2010**RCM Analysis:** 9/6/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-44111-023)THE ANTENNA TILTING GROUPS (ATG)
OA-9242/3(V)/SR; OA-9242A/3A(V)/SR REQUIRES
ASSESSMENT.

ACCOMPLISH THE ANTENNA TILTING GROUPS (ATG)
OA-9242/3(V)/SR; OA-9242A/3A(V)/SR ASSESSMENT IN ACCORDANCE
WITH MRC N2U4 AS FOLLOWS: 1. INSPECT ATG. 2. MANUALLY
OPERATE ATG. 3. ELECTRICALLY OPERATE ATG. 4. INSPECT
BUMPER STOP. 5. CHECK MANUAL BRAKE RELEASE/HOLD
FUNCTION/LUBRICATE. 6. MEASURE MANUAL BRAKE RELEASE
HANDLE TRAVEL. REPORT CONDITIONS FOUND TO SHIP'S CSMP.
PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND
POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64)
IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44111-024- -OA-9242/3 - MRC N2U5			MJC: CEXECIBY8		Rev Date: 11/4/2010
RCM Analysis: 9/6/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44111-024)THE THE ANTENNA TILTING GROUPS (ATG) OA-9242/3(V)/SR; OA-9242A/3A(V)/SR REQUIRES ASSESSMENT.	ACCOMPLISH THE ANTENNA TILTING GROUPS (ATG) OA-9242/3(V)/SR; OA-9242A/3A(V)/SR ASSESSMENT IN ACCORDANCE WITH MRC N2U5 AS FOLLOWS: 1. INSPECT ANTENNA TILTING PLATFORM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-44111-032- -SHIPALT LHD1-73363K - ACCOMP			MJC: CXSAK409		Rev Date: 2/19/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 73363 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44111-32) SHIPALT LHD1- 73363K, USMC EMUT ANTENNA INSTALLATION, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-73363K (EQUIVALENT TO SCD 3363) WHICH PROVIDES FOR THE PERMANENT INSTALLATION OF USMC ENHANCED MANPACK UHF TERMINAL (EMUT) ANTENNA MOUNTS, CONICAL LOG SPIRAL MOBILE (CLSM) ANTENNAS, POWER SUPPLIES, AND ASSOCIATED CABLES ON AMPHIBIOUS SHIPS. THE CLSM ANTENNA IS DESIGNED TO BE OPERABLE WITH RF SIGNALS BETWEEN 150 MHZ AND 1200MHZ AND PROVIDES AMPLIFICATION OF UHF SATCOM SIGNALS. IN ORDER TO INSTALL THE CLSM ANTENNAS, PLATFORMS PROVIDING A FLAT AREA OF APPROXIMATELY 12 SQUARE INCHES AND SUFFICIENT COAXIAL CABLE TO REACH A MAXIMUM LENGTH OF 300 FT. POC, CHUCK VINSON, 619-890-6033, CHARLES.VINSON@NAVY.MIL.

Task/Abbreviation: K-44111-035- -SHIPALT 75951K ACCOMP			MJC: EXSAKAC7		Rev Date: 6/27/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 75951 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44111-35) SHIPALT 75951K, PEOC4I HF SAR (HF ALE), NOT ACCOMPLISHED	AIT-ACCOMPLISH SHIPALT LHD1-75951K WHICH WILL RE-ENGINEER THE HFRG CU-2475 COUPLER TO SUPPORT DUAL OPERATION, NARROW-BAND LEGACY HF AND HF ALE (HFSAR). POC: KARI ATKINS, 858-537-8621, KARI.ATKINS@NAVY.MIL

Task/Abbreviation: K-44111-040- -SHIPALT LSD49-78887K - ACCOMP			MJC: EXSAK905		Rev Date: 4/19/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: SA 78887
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44111-40) SHIPALT 78887K, PEOC41 USMC EMUT ANTENNA UPDTE, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT 78887K, PEOC41 USMC EMUT ANTENNA UPDATE, WHICH PROVIDES FOR THE PERMANENT INSTALLATION OF ENHANCED MANPACK UHF TERMINAL (EMUT) ANTENNA MOUNTS, CONICAL LOG SPIRAL MOBILE (CLSM) ANTENNAS AND ASSOCIATED CABLES ON AMPHIBIOUS SHIPS. THE CLSM ANTENNA IS DEIGNED TO BE OPERABLE WITH RF SIGNALS BETWEEN 150 MHZ AND 1200MHZ AND PROVIDES AMPLIFICATION OF UHF SATCOM SIGNALS. THIS INSTALLATION WILL ALSO INCLUDE AN EMI SHIELD WHICH WAS IDENTIFIED AS A REQUIREMENT BY DAHLGREN Q53 DURING MIL-STD 464 TESTING. POC: JAMES GOETTELMAANN, 858-537-8883, JAMES.GOETTELMAANN@NAVY.MIL

Task/Abbreviation: I-44121-006- -AN/URA-38() CPLR - MRC BQC0			MJC: CXECI232		Rev Date: 11/8/2010					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44121-006)THE AN/URA-38() ANTENNA COUPLER GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/URA-38() ANTENNA COUPLER GROUP ASSESSMENT IN ACCORDANCE WITH MRC BQC0 AS FOLLOWS: 1. TEST OPERATE ANTENNA COUPLER GROUP. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44121-008- -AN/URA-38() CPLR - MRC DNV4			MJC: CXECI320		Rev Date: 11/8/2010
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44121-008)THE AN/URA-38() ANTENNA COUPLER GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/URA-38() ANTENNA COUPLER GROUP ASSESSMENT IN ACCORDANCE WITH MRC DNV4 AS FOLLOWS: 1. TEST AN/URA-38(), C-3698A, C-3698C CONTROL UNIT INTERLOCKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44131-023- -EPIRB - MRC EYC9			MJC: CXECIAC5		Rev Date: 10/28/2010
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44131-023)THE EMERGENCY POSITION INDICATING RADIO BEACON (EPIRB) REQUIRES ASSESSMENT.	ACCOMPLISH THE EMERGENCY POSITION INDICATING RADIO BEACON (EPIRB) ASSESSMENT IN ACCORDANCE WITH MRC EYC9 AS FOLLOWS: 1. INSPECT EMERGENCY POSITION-INDICATING RADIO BEACON (EPIRB). 2. CONDUCT EMERGENCY POSITION-INDICATING RADIO BEACON (EPIRB) SELF-TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8SERIES.

Task/Abbreviation: I-44131-025- -AN/GRT-21 XMTR - INSP/TST				MJC: CEXECICQ3		Rev Date: 10/27/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44131-025)THE AN/GRT-21(V)3 RADIO TRANSMITTING SET REQUIRES INSPECTION.	INSPECT AND TEST THE AN/GRT-21(V)3 RADIO TRANSMITTING SET. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44151-023- -AN/SRC-55(V) HYDRA - MRC N1B4			MJC: CEXECI238		Rev Date: 8/24/2011					
RCM Analysis: 6/7/2004		Scheduled: Y		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 18		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASILINE	(I-44151-023)THE AN/SRC-55(V) HIERARCHICAL YET DYNAMIC REPROGRAMMABLE ARCHITECTURE REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SRC-55(V) HIERARCHICAL YET DYNAMIC REPROGRAMMABLE ARCHITECTURE ASSESSMENT IN ACCORDANCE WITH MRC N1B4 AS FOLLOWS: 1. TEST OPERATE HYDRA RADIO AND SUPPORT EQUIPMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44151-031- -AN/URC-93 RADIO SET - MRC EEZ7			MJC: CXECI339		Rev Date: 10/3/2010					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44151-031)THE AN/URC-93 RADIO SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/URC-93 RADIO SET ASSESSMENT IN ACCORDANCE WITH MRC EEZ7 AS FOLLOWS: 1. PERFORM POWER TURN-ON/CONTROL SELF-TEST. 2. PERFORM RECEIVER SELF-TEST. 3. PERFORM TRANSMITTER SELF-TEST. 4. PERFORM ANTENNA SELF-TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44151-032- -AN/URC-93 RADIO SET - MRC DWQ1			MJC: CXECI340		Rev Date: 10/3/2010
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44151-032)THE AN/URC-93 RADIO SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/URC-93 RADIO SET ASSESSMENT IN ACCORDANCE WITH MRC DWQ1 AS FOLLOWS: 1. MEASURE AN/URC-93(V)1 TRANSMITTER POWER OUTPUT AND FREQUENCY. 2. MEASURE TRANSMITTER FSK DEVIATION. 3. MEASURE TRANSMITTER FM DATA DEVIATION. 4. MEASURE TRANSMITTER FM DATA RESPONSE. 5. MEASURE RECEIVER FM/FSK QUIETING. 6. MEASURE RECEIVER FM DATA RESPONSE. 7. MEASURE RECEIVER FM DATA OUTPUT LEVEL. 8. MEASURE RECEIVER FSK OUTPUT LEVEL. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44151-041- -AN/SRC-57(V)2,3 - MRC N2J5			MJC: CXECIAD4		Rev Date: 10/3/2010
RCM Analysis: 8/2/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44151-041)THE AN/SRC-57(V)2,3 REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SRC-57(V)2,3 ASSESSMENT IN ACCORDANCE WITH MRC N2J5 AS FOLLOWS: 1. PERFORM OPERATIONAL TEST. 2. PERFORM ON AIR TESTING. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44151-046- -AN/PRC-96 - MRC DHN7			MJC: EXECIEL8		Rev Date: 10/28/2010					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44151-046)THE AN/PRC-96 RADIO SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/PRC-96 RADIO SET ASSESSMENT IN ACCORDANCE WITH MRC DHN7 AS FOLLOWS: 1. INSPECT AN/PRC-96 RADIO SET AND BATTERIES. 2. TEST OPERATE RADIO SET. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44151-047- -AN/PRC-25, 77, 1077 - MRC DHP1			MJC: EXECIEL9		Rev Date: 10/28/2010
RCM Analysis: 2/7/2005		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44151-047)THE AN/PRC-25,77,1077 RADIO SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/PRC-25,77,1077 RADIO SET ASSESSMENT IN ACCORDANCE WITH MRC DHP1 AS FOLLOWS: 1. INSPECT AN/PRC-25,77,1077 RADIO SET. 2. TEST OPERATE RADIO SET. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44151-049- -AN/PRC-138, 150 - MRC FAB3**MJC:** EXECIEO5**Rev Date:** 11/4/2010**RCM Analysis:** 2/7/2005**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-44151-049)THE AN/PRC-138B SERIES RADIO SET AND AN/PRC-150 (V) SERIES RADIO SET REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/PRC-138B SERIES RADIO SET AND AN/PRC-150 (V) SERIES RADIO SET ASSESSMENT IN ACCORDANCE WITH MRC FAB3 AS FOLLOWS: 1. CONDUCT RADIO SET SELF-TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44151-050- -AN/PRC-138, 150 - MRC FAB4			MJC: EXECIEO6		Rev Date: 11/4/2010					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44151-050)THE AN/PRC-138B SERIES RADIO SET AND AN/PRC-150 (V) SERIES RADIO SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/PRC-138B SERIES RADIO SET AND AN/PRC-150 (V) SERIES RADIO SET ASSESSMENT IN ACCORDANCE WITH MRC FAB4 AS FOLLOWS: 1. MEASURE RECEIVER SENSITIVITY. 2. MEASURE RF POWER OUTPUT. 3. MEASURE TRANSMITTER FREQUENCY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44151-059- -AN/UYQ-86(V) - MRC A1R2			MJC: CXCIBZ0		Rev Date: 10/4/2010					
RCM Analysis: 10/4/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44151-059)THE AN/UYQ-86(V) COMMON DATA LINK MANAGEMENT SYSTEM (CDLMS) REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UYQ-86(V) COMMON DATA LINK MANAGEMENT SYSTEM (CDLMS) ASSESSMENT IN ACCORDANCE WITH MRC A1R2 AS FOLLOWS: 1. PERFORM VISUAL MATERIAL CONDITION ASSESSMENT ON AN/UYQ-86 COMMON DATA LINK MANAGEMENT SYSTEM (CDLMS). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44151-061- -AN/UYQ-86(V) - MRC A1R4			MJC: CXCIBZ2		Rev Date: 10/4/2010					
RCM Analysis: 10/4/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44151-061)THE AN/UYQ-86(V) COMMON DATA LINK MANAGEMENT SYSTEM (CDLMS) REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UYQ-86(V) COMMON DATA LINK MANAGEMENT SYSTEM (CDLMS) ASSESSMENT IN ACCORDANCE WITH MRC A1R4 AS FOLLOWS: 1. PERFORM UYQ-86 (V) COMMON DATA LINK MANAGEMENT SYSTEM (CDLMS) TO COMMON SHIPBOARD DATA TERMINAL SET (CSDTS) PROGRAMMED OPERATIONAL FUNCTIONAL APPRAISAL (POFA). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44151-062- -AN/UYQ-86(V) - MRC A1S4			MJC: CXCIBZ3		Rev Date: 10/4/2010					
RCM Analysis: 10/4/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44151-062)THE AN/UYQ-86(V) COMMON DATA LINK MANAGEMENT SYSTEM (CDLMS) REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UYQ-86(V) COMMON DATA LINK MANAGEMENT SYSTEM (CDLMS) ASSESSMENT IN ACCORDANCE WITH MRC A1S4 AS FOLLOWS: 1. PERFORM UYQ-86 (V) COMMON DATA LINK MANAGEMENT SYSTEM (CDLMS) LINK-16 OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44151-065- -AN/WSC-3(V)6,7,11,14 -MRC ETB2			MJC: CXECIBZ6		Rev Date: 10/3/2010					
RCM Analysis: 12/11/2006		Scheduled: N		Sit Reqs:		Qty: 24	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44151-065)THE AN/WSC-3(V) 6,7,11,14 LINE OF SIGHT (LOS) COMMUNICATIONS SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WSC-3(V) 6,7,11,14 LINE OF SIGHT (LOS) COMMUNICATIONS SET ASSESSMENT IN ACCORDANCE WITH MRC ETB2 AS FOLLOWS: 1. MEASURE AM AND FM RECEIVER SENSITIVITY. 2. MEASURE RECEIVER SQUELCH SENSITIVITY. 3. MEASURE NARROWBAND RECEIVE AUDIO OUTPUT. 4. MEASURE AM WIDEBAND RECEIVE AUDIO OUTPUT. 5. MEASURE LINK 11 RECEIVE AUDIO OUTPUT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44151-066- -AN/URC-107(V)7 RADIO-MRC A1Q9			MJC: CXCIBZ7		Rev Date: 8/24/2011					
RCM Analysis: 10/23/2006		Scheduled: Y		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44151-066)THE AN/URC-107(V)7 RADIO SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/URC-107(V)7 RADIO SET ASSESSMENT IN ACCORDANCE WITH MRC A1Q9 AS FOLLOWS: 1. PERFORM VISUAL INSPECTION. 2. PERFORM SYSTEM OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44151-067- -AN/URC-107(V)7 ANT-MRC LN63			MJC: CXCIBZ8		Rev Date: 10/27/2010					
RCM Analysis: 10/23/2006		Scheduled: N		Sit Reqs:		Qty: 2	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44151-067)THE AS-4127A/URC-107(V), AS-4400/URC, OR AS-177()/UPX JTIDS SHIPBOARD ANTENNA REQUIRES ASSESSMENT.	ACCOMPLISH THE AS-4127A/URC-107(V), AS-4400/URC, OR AS-177()/UPX JTIDS SHIPBOARD ANTENNA ASSESSMENT IN ACCORDANCE WITH MRC LN63 AS FOLLOWS: 1. INSPECT ANTENNA. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44151-068- -AN/URC-107(V)7 RADIO-MRC AB55			MJC: CEXECICH4		Rev Date: 10/27/2010
RCM Analysis: 8/2/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44151-068)THE AN/URC-107(V)7 RADIO SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/URC-107(V)7 RADIO SET ASSESSMENT IN ACCORDANCE WITH MRC AB55 AS FOLLOWS: 1. INSPECT RECHARGEABLE NI-CAD BATTERY. 2. REPLACE LITHIUM CELLS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-44151-069- -EC 71046 10 AN/UYQ-86 - ACCOMP			MJC: EXSAO079		Rev Date: 5/24/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: EC 71046 10
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44151-69) EC 71046 10 AN/UYQ-86(V), C2P REHOST SW VER R4600A00, NOT ACCOMPLISHED	ACCOMPLISH EC 71046 10 WHICH PROVIDES INSTALLATION INSTRUCTIONS AND SOFTWARE UPGRADE TO C2P HOST VERSION R4600A00 FOR THE AN/UYQ-86(V) SYSTEM. THIS SOFTWARE UPGRADE PROVIDES IMPROVEMENT IN SOFTWARE CAPABILITIES AND FUNCTIONALITY.

Task/Abbreviation: O-44151-072- -FC 71147 AN/SRC-54D - ACCOMP			MJC: EXSAO141		Rev Date: 6/23/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 5	Alt No: FC 71147 1
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44151-72) FC 71147 AN/SRC-54D - UPGRADE THE EXISTING AN/SRC-54C SINGARS, NOT ACCOMPLISHED	ACCOMPLISH FC 71147 AN/SRC-54D - UPGRADE THE EXISTING AN/SRC-54C SINGARS TO AN/SRC-54D WITH MIL-STD 188-184 SERIAL DATA TO IP DATA MODEMS. WHICH INSTALLS AN/SRC-54D SINGLE CHANNEL GROUND & AIRBORNE RADIO SYSTEM (SINGARS) EQUIPMENT RACKS WILL HAVE VIASAT VDC-500 MODEMS, SB-4124 PATCH PANEL, CAT5 PATCH PANEL AND ASSOCIATED CABLING INSTALLED. THIS EQUIPMENT HARDWARE WILL BE DISTRIBUTED BETWEEN 2 OF THE SINGARS EQUIPMENT RACKS. (1) SB-4124 PATCH PANEL WILL BE INSTALLED IN EQUIPMENT RACK #2 AND (2) VDC-500 MODEMS AND (1) CAT5 PATCH PANEL WILL BE INSTALLED IN EQUIPMENT RACK #3.

Task/Abbreviation: I-44151-073- -AN/SRC-61 DMR - INSP/TST				MJC: EXECIGL7		Rev Date: 10/3/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 0			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44151-073)THE AN/SRC-61 DIGITAL MODULAR RADIO REQUIRES INSPECTION.	INSPECT AND TEST THE AN/SRC-61 DIGITAL MODULAR RADIO. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B

Task/Abbreviation: O-44151-074- -EC 72514 AN/UYQ-86(V) - ACCOMP			MJC: CXSAO246		Rev Date: 9/13/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No: EC 72514
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44151-74) EC 72514 AN/UYQ-86(V) EC 8R1 SW, CDLMS SW VER 3.4.4.2.0-2 UPG, NOT ACCOMPLISHED	ACCOMPLISH EC 72514 AN/UYQ-86(V) EC 8R1 SW (EQUIVALENT TO SCD 2514) WHICH PROVIDES THE COMMON DATA LINK MANAGEMENT SYSTEM (CDLMS) VERSION 3.4.4.2.0-1 UPGRADE FOR THE AN/UYQ-86(V) SYSTEM. IT SUPERCEDES EARLIER VERSIONS OF THE CDLMS SOFTWARE AND PROVIDES IMPROVED SOFTWARE CAPABILITIES AND FUNCTIONALITY. THE CDLMS 3.4.4.2.0-1 INSTALLATION PROVIDES AN UPGRADE TO THE COMMON SHIPBOARD DATA TERMINAL SET (CSDTS) AUDIO CHANNEL CARD SET SOFTWARE. THIS BASELINE APPLIES TO SHIPS WITHOUT THE JOINT RANGE EXTENSION (JRE) CAPABILITY.

Task/Abbreviation: O-44151-078- -FC 71137 1 AN/URC-109 - ACCOMP			MJC: EXSAO157		Rev Date: 6/26/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 5	Alt No: FC 71137
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44151-78) FC 71137 1 AN/URC-109(V) - ANALOG TO DIGITAL CHANGEOUT, NOT ACCOMPLISHED	ACCOMPLISH FC 71137 1 AN/URC-109(V), WHICH THIS FC IMPLEMENTS AN/URC-109 ANALOG RADIOS REPLACEMENT WITH DIGITAL RADIOS. POC, LINDELL EDWARDS, 619-524-7571, LINDELL.EDWARDS@NAVY.MIL.

Task/Abbreviation: O-44151-079- -FC 1 AN/SRC-54D - ACCOMP				MJC: EXSAO158		Rev Date: 6/27/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 5		Alt No: FC 1 SRC-54D	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44151-79) FC 1 AN/SRC-54D TACTICAL DATA INTERFACE UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH FC 1 AN/SRC-54D TACTICAL DATA INTERFACE UPGRADE WHICH AN/SRC-54D SINGLE CHANNEL GROUND & AIRBORNE RADIO SYSTEM (SINGARS) EQUIPMENT RACKS WILL HAVE VDC-500 MODEMS, SB-4124 PATCH PANEL, CAT5 PATCH PANEL AND ASSOCIATED CABLING INSTALLED. THIS EQUIPMENT HARDWARE WILL BE DISTRIBUTED BETWEEN 2 OF THE SINGARS EQUIPMENT RACKS. (1) SB-4124 PATCH PANEL WILL BE INSTALLED IN EQUIPMENT RACK #2 AND (2) VDC-500 MODEMS AND (1) CAT5 PATCH PANEL WILL BE INSTALLED IN EQUIPMENT RACK #3.

Task/Abbreviation: O-44151-088- -FC 72580 HF ALE DATA - ACCOMP			MJC: EXSAO192		Rev Date: 12/12/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: EC 72580
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44151-88) FC 72580 HF ALE DATA UPG W/VDC 500., NOT ACCOMPLISHED	ACCOMPLISH FC 72580 HF ALE DATA UPG W/VDC 500, WHICH THIS ENGINEERING CHANGE WILL INTEGRATE THE VDC-500 AND THE TELEBYTE 62-1 CONVERTER BETWEEN THE MARINE AIR GROUND TASK FORCE (MAGTF) ROUTER AND THE ADVANCED NARROWBAND DIGITAL VOICE TERMINAL (ANDVT) USED TO ENCRYPT THE HF-ALE COMMUNICATIONS LINK. THIS PROPOSED CONFIGURATION TO LHD CLASS SHIPS WILL ENABLE THE URC-109S AUTOMATIC LINK ESTABLISHMENT (ALE) CAPABLE RADIOS TO EXCHANGE DATA WITH THE U.S MARINES AN/PRC-150. THE MARINE EXPEDITIONARY UNIT (MEU) ELEMENTS OPERATING ABOARD SHIP NEED TO HAVE THE CAPABILITY TO EXCHANGE SECURE VOICE AND DATA WITH MEU ELEMENTS OPERATING ASHORE. POC: LINDELL EDWARDS, 619-524-7571, LINDELL.EDWARDS@NAVY.MIL.

Task/Abbreviation: O-44151-089- -EC 73513 AN/UYQ-86(V) - ACCOMP			MJC: CXSAO512		Rev Date: 12/12/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: EC 73513
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44151-89) EC 73513 C2PR UYQ-86 R4R601A00 UPGD, NOT ACCOMPLISHED	ACCOMPLISH EC 73513 C2PR UYQ-86 R4R601A00 UPGD WHICH PROVIDES THE INSTALLATION INSTRUCTIONS AND SOFTWARE UPGRADE TO C2P REHOST VERSION R4R601A00 FOR THE AN/UYQ-86(V) SYSTEM. THIS SOFTWARE UPGRADE SUPERCEDES EARLIER VERSION OF C2PR SOFTWARE AND PROVIDES IMPROVED SOFTWARE CAPABILITIES AND FUNCTIONALITY. POC: TOM SWANSON, 619-606-2382, THOMAS.SWANSON@NAVY.MIL.

Task/Abbreviation: K-44151-097- -SHIPALT LHD1-00493K-ACCOMP			MJC: CXSAK253		Rev Date: 4/13/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: SALHD 00493 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44151-97) SHIPALT LHD1-00493K, M5 NGC2P, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00493K WHICH INSTALLS M5 NGC2P WHICH IS DESIGNED FOR MODEL 5 CDLMS PLATFORMS THAT WILL PROVIDE JREAP AND LINK 22 CAPABILITIES. THIS ALTERATION REQUIRES ADDITIONAL EXTERNAL INTERFACES TO CDLMS AN/UYQ-70 ESPG (EMBEDDED SYSTEM PROCESSOR GROUP) CABINET THAT CONNECTS TO THE LINK-LEVEL COMSEC (LLC), NAVSSI (BLOCK 3 OR HIGHER), EHF MDR TIP AND ADNS PORTS. A FIELD CHANGE TO THE Q-70 CABINET WILL ACCOMMDATE THIS LATERNATION BY DELIVERING AN ADJUNCT PROCESSOR. THE ADJUNCT PROCESSOR ADDS/MODIFIES COMPONENTS WITH THE Q-70 CABINET, ADDS A LINK-LEVEL COMSEC(LLC) DEVICE ON AN EXISTING COMSEC BRACKET, AND DELIVERS A NEW CDLMS SOFTWARE VERSION 3.4 OR HIGHER. POC: JACK SHAKE, 858-5378883, JACK.SHAKE1.CTR@NAVY.MIL

Task/Abbreviation: O-44151-103- -SWD 75138 AN/KSQ-1 - ACCOMP				MJC: CXSAO914	Rev Date: 2/29/2008
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 10	Alt No: SWD 75138
Referenced Authority:	Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44151-103) SWD 75138 AN/KSQ-1, AADS AN/KSQ-1 S/W UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SWD 75138 AN/KSQ-1 WHICH UPGRADES THE SOFTWARE TO PROVIDE SITUATIONAL AWARENESS (SA) CAPABILITY TO LCAC ASSAULT CRAFT EQUIPPED WITH AADS AND MAINTAINS INTEROPERABILITY WITH AMPHIBIOUS SHIPS EQUIPPED WITH AADS. POC: RICHARD DOWNIE, 202-781-0550, RICHARD.DOWNIE@NAVY.MIL

Task/Abbreviation: K-44151-111- -SHIPALT 76210K ACCOMP			MJC: CXSAK427		Rev Date: 4/19/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: SA 76210
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44151-111) SHIPALT 76210K, PEOC4I SINCGARS (AN/SRC-54C), NOT ACCOMPLISHED	ACCOMPLISH SHIPALT 76210K WHICH WILL PROVIDE A RELIABLE, ADEQUATE, EMERGENT CAPABILITY ENABLING INTERNET PROTOCOL (IP) TACTICAL DATA EXCHANGE BETWEEN SHIP-TO-SHIP AND SHORE-TO-SHORE TACTICAL DATA PRODUCTS. POC: CHUCK VINSON, 619-890-6033

Task/Abbreviation: K-44151-114- -SHIPALT LHD1-75610K-ACCOMP			MJC: CXSAK458		Rev Date: 6/17/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost: 10	ManDays: 10	Alt No: SALHD 75610 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44151-114) SHIPALT LHD1-75610K, PEO C4I SUBNET RELAY, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-75610K WHICH WILL PROVIDE A SOLUTION FOR ACHIEVING TACTICAL INTERNET PROTOCOL (IP) NETWORKING AT SEA USING CONVENTIONAL LINE OF SIGHT/EXTENDED LINE OF SIGHT (LOS/ELOS) RADIO CIRCUITS. SNR IS AN EFFECTIVE SOLUTION IN PROVIDING NETWORK CONNECTIVITY TO A DISPARATE TASK GROUP (TG) MEMBERSHIP WHICH ARE UP TO 60 MILES DISTANT WITH TCP/IP SERVICES TO SECURELY DELIVER TACTICAL AND LOGISTICS INFORMATION AMONG ALL MEMBERS OF THE AFLOAT IT21 NETWORK AS WELL AS FIND A LEAST-COST PATH INTO THE ASHORE ENVIRONMENT. THE RESULT IS A SIGNIFICANT IMPROVEMENT IN EXTENDED LINE OF SIGHT-WIDE AREA NETWORK. POC: CHUCK VINSON, 619-890-6033

Task/Abbreviation: K-44151-115- -SHIPALT LHD1-75626K-ACCOMP			MJC: CXSAK460		Rev Date: 6/17/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost: 10	ManDays: 10	Alt No: SALHD 75626 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44151-115) SHIPALT LHD1-75626K, PEO C4I HF IP GATEWAY, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-75626K WHICH WILL INSTALL THE HIGH FREQUENCY INTERNET PROTOCOL (HF IP) GATEWAY WHICH WILL DELIVER AN INTEROPERABLE AND SECURE INTERNET PROTOCOL (IP) GATEWAY CLIENT CAPABILITY FOR CONTROLLING THE EXCHANGE OF TEXT CHAT, EMAIL, AND WEB DATABASE REPLICATION DATA PACKETS IN A NETWORK-CENTRIC MULTI-NODE ENVIRONMENT AT 19.2 KILO BITS PER SECOND (KBPS). THESE DATA PACKET EXCHANGES WILL BE CONDUCTED BETWEEN BATTLE GROUP (BG) OPERATIONAL UNITS USING THEIR EXISTING HF COMMUNICATIONS EQUIPMENT AS THE TRANSFER MEDIUM. POC: CHUCK VINSON, 619-890-6033

Task/Abbreviation: K-44151-136- -EC 77785 R1 JTIDS 4.09- ACCOMP**MJC:** EXSAKA57**Rev Date:** 9/29/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 2**Alt No:** 77785**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-44151-136) EC 77785 R1 JTIDS 4.09 EC02 (ST1),
NOT ACCOMPLISHED AIT CAPABLEAIT INSTALL. 77785 R1 JTIDS 4.09 (EC02) WHICH PROVIDES
INSTALLATION INSTRUCTIONS AND SOFTWARE UPGRADE TO THE
JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)
SUBSCRIBER INTERFACE COMPUTER PROGRAM (SICP) AND NET
INTERFACE COMPUTER PROGRAM (NICP) FOR THE AN/URC-107 (V).
THE SOFTWARE UPGRADE IS BACKWARD COMPATIBLE WITH
EARLIER VERSIONS OF JTIDS SOFTWARE. REQUEST PHASE IIA
PROCESSING AS THIS INTERNAL EQUIPMENT (SOFTWARE) SCD IS
MEETS THE CRITERIA FOR PHASE IIA PROCESSING. POC: TOM
SCHMITZ, 858-537-0378, TOM.SCHMITZ@NAVY.MIL OR JOSE
MEDELLIN, 858-537-0556, JOSE.MEDELLIN@NAVY.MIL OR HUAN
TONG, 858-537-0412, HUAN.TONG@NAVY.MIL OR JEFFREY FORBES,
858-537-8849, JEFFREY.FORBES@NAVY.MIL.

Task/Abbreviation: A-44151-240- -SA 6581 3G HIGH FREQ**MJC:** EXTAAAY4**Rev Date:** 8/3/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:** SA 6581**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

ACCOMPLISH SA 6581 3G HIGH FREQUENCY
AUTOMATIC LINK ESTABLISHMENT

MAGTF ELEMENTS OPERATING ABOARD SHIP NEED TO HAVE THE CAPABILITY TO EXCHANGE SECURE VOICE AND DATA WITH MEU ELEMENTS OPERATING ASHORE. MAGTFs REQUIRE RELIABLE BEYOND-LINE-OF-SIGHT (BLOS) TACTICAL VOICE AND DATA COMMUNICATIONS TO CONDUCT WARFARE OPERATIONS IN SUPPORT OF THE GLOBAL WAR ON TERRORISM (GWOT), MARITIME DOMAIN AWARENESS (MDA) AND NATIONAL POLICY ON MARITIME SECURITY. HF ALE IS A CRITICAL BLOS AND OVER-THE-HORIZON (OTH) VOICE AND DATA CAPABILITY USED BY THE USMC IN SUPPORT OF OPERATION IRAQI FREEDOM (OIF)/OPERATION ENDURING FREEDOM (OEF). THE LANDING FORCE (LF) RELIES HEAVILY ON THE CAPABILITIES PROVIDED BY HF ALE. ANTENNAS AND COUPLERS WILL BE PLACED AS NEAR AS POSSIBLE TO THE BELOW LOCATIONS TO TAKE ADVANTAGE TOPSIDE SURVEY CONDUCTED TO SUPPORT SCD-5951.

Task/Abbreviation: I-44151-A01- -AN/URC-139 XCVR - MRC FEX1**MJC:** CXCIDO2**Rev Date:** 10/5/2011**RCM Analysis:** 4/7/2010**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:(I-44151-A01)THE AN/URC-139 TRANSCEIVER SET
REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE AN/URC-139 TRANSCEIVER SET ASSESSMENT IN
ACCORDANCE WITH MRC FEX1 AS FOLLOWS: 1. CONDUCT
TRANSCEIVER PERFORMANCE TEST. 2. SETUP FOR UNDERWAY
OPERATION. REPORT CONDITIONS FOUND TO SHIP'S CSMP.
PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND
POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64)
IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44151-A02- -AN/PRC-113 - MRC FWS1				MJC: EXECIKM2		Rev Date: 10/5/2011					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44151-048)THE AN/PRC-113 RADIO SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/PRC-113 RADIO SET ASSESSMENT IN ACCORDANCE WITH MRC FWS1 AS FOLLOWS: 1. Measure AN/PRC-113 Series Radio Set Parameters Using IFR 2947A Test Set. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-44160-012- -SHIPALT LHD1-00446K - ACCOMP			MJC: OXSAK064		Rev Date: 1/30/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 30,000	ManDays: 65	Alt No: SALHD 00446 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44160-12) SHIPALT LHD1-00446K CENTRIXS BLOCK 2, FORCE LEVEL, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00446K , WHICH IMPROVES FUNCTIONALITY, REFRESH TECHNOLOGY, CONSOLIDATE SPAWAR RESOURCES, AND INCREASE PERFORMANCE, AVAILABILITY, MAINTAINABILITY AND SURVIVABILITY OF COALITION TACTICAL DATA PROCESSING SYSTEM AND NETWORKS. THIS CHANGE ADVANCES COMPATIBILITY OF SPAWAR SERVER AND CLIENT HARDWARE AS WELL AS SOFTWARE OPERATING AND APPLICATIONS SOFTWARE, AND THEREFORE REDUCES FUTURE MAINTENANCE AND UPGRADE COSTS. POC, ERIC KAREH, 619-524-7901, ERIC.KAREH@NAVY.MIL.

Task/Abbreviation: K-44160-013- -SHIPALT LHD1-03262K - ACCOMP			MJC: OXSAK067		Rev Date: 4/26/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 30,000	ManDays: 65	Alt No: SALHD 03262 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44160-13) SHIPALT LHD1-03262K CENTRIXS BLOCK 2, FORCE LEVEL, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03262K, WHICH IMPROVES FUNCTIONALITY, REFRESH TECHNOLOGY, CONSOLIDATE SPAWAR RESOURCES, AND INCREASE PERFORMANCE, AVAILABILITY, MAINTAINABILITY AND SURVIVABILITY OF COALITION TACTICAL DATA PROCESSING SYSTEM AND NETWORKS. THIS CHANGE ADVANCES COMPATIBILITY OF SPAWAR SERVER AND CLIENT HARDWARE AS WELL AS SOFTWARE OPERATING AND APPLICATIONS SOFTWARE, AND THEREFORE REDUCES FUTURE MAINTENANCE AND UPGRADE COSTS. POC, ERIC KAREH, 619-524-7901, ERIC.KAREH@NAVY.MIL.

Task/Abbreviation: K-44160-014- -SHIPALT LHD1-71765K - ACCOMP			MJC: OXSAK068		Rev Date: 5/16/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 71765 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44160-14) SHIPALT LHD1-71765K PEOC4I CNF EXPERIMENTAL CAP, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71765K, WHICH REQUEST THIS SCD TO BE EXPEDITED IN ORDER TO SUPPORT AN EMERGENT 19OCT 05 INSTALLATION START DATE ONBOARD USS IWO JIMA (LHD-7) TO SUPPORT TRIDENT WARRIOR 05 EXERCISE. THE SUITE OF HARDWARE EQUIPMENT FOR THIS TEMPORARY INSTALL WILL CONSIST OF THE FOLLOWING: (1)3005 CISCO VIRTUAL PRIVATE NETWORK (VPN) APPLIANCE AND VARIOUS CABLE CONNECTORS AND MOUNTING HARDWARE. (1) A28AA CISCO ROUTER AND (13) ENCLAVE HARD DRIVES. THE COALITION NAVAL FORCES (CNF) EXPERIMENTAL CAPABILITY WILL ONLY IMPACT THE EXISTING CENTRIX SYSTEM IN THE RADIO ROOM SPACE ONBOARD LHD-7. THE 2811 CISCO ROUTER (CNF ROUTER) WILL CONNECT TO EXISTING CENTRIX WORKSTATION(S) AND TO THE 3005 CISCO VPN APPLIANCE. THE 3005 CISCO VPN APPLIANCE WILL INTERFACE TO THE EXISTING CENTRIX CISCO 2611 (GCTF) ROUTER. THE 13 ENCLAVE HARD DRIVES WILL BE ADDED TO THE EXISTING CENTRIX WORKSTATIONS FOR ADDITIONAL STORAGE. THE TEMPORARY INSTALL WILL BE REMOVED AND RETURNED TO ORIGINAL CONFIGURATION AFTER THE TRIDENT WARRIOR 05 EXERCISE.

Task/Abbreviation: K-44160-015- -SHIPALT LHD1-73333K - ACCOMP			MJC: OXSAK069		Rev Date: 5/18/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: SALHD 73333 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44160-15) SHIPALT LHD1-73333K PEOC4I CENTRIXS BLK0 AND BLK1 CLIENT EXPANSION, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-73333K, PEOC4I CENTRIXS BLK0 AND BLK1 CLIENT EXPANSION, WHICH THE PURPOSE OF THIS SCD IS TO PROVIDE ADDITIONAL WORKSTATIONS CONNECTING TO THE EXISTING CENTRIXS LAN TO MEET OPERATIONAL REQUIREMENTS IN SUPPORT OF GWOT AND VARIOUS SGS. ADDITIONAL WORKSTATIONS PROVIDE INCREASED ACCESS TO CENTRIXS FOR WATCH PERSONNEL AND STAFF PLANNERS. THE NEED FOR ADDITIONAL WORKSTATIONS HAS BEEN DOCUMENTED IN THE FOLLOWING MESSAGES: 231941ZMAR05, COMSECONDFLT, C2F VALIDATION FOR TRCSG EXPANDED CENTRIX REQUIREMENTS; 091527ZMAR05, COMTRSTRKGRU, TRSCG REQUEST FOR EXPANDED CENTRIXS CONNECTIVITY, AND 082015ZOCT02, COMFLTFORCOM N6, COALITION AND ALLIED INTEROPERABILITY PLAN.

Task/Abbreviation: I-44161-011- -RD-379/390 - MRC EDQ8			MJC: CXECIAD9		Rev Date: 10/5/2010					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 7	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44161-011)THE RD-379(V), RD-379A(V), RD-390(V)/UNH REQUIRES ASSESSMENT.	ACCOMPLISH THE RD-379(V), RD-379A(V), RD-390(V)/UNH ASSESSMENT IN ACCORDANCE WITH MRC EDQ8 AS FOLLOWS: 1. MONITOR AND ADJUST RECORDING AND REPRODUCE LEVELS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-44161-080- -EC 80654 ACCOMPLISH**MJC:** EXSAKA14**Rev Date:** 8/1/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:** 80654**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

EC 80654 NOT ACCOMPLISHED

THE SCI GCCS-M CLIENTS WILL BE REPURPOSED AS GENERIC SCI CLIENTS. THESE SCI CLIENTS WILL HAVE THE GENERAL PURPOSE WORKSTATION SOFTWARE BASED OFF OF COMPOSE 3.X LOAD PUSHED TO THEM FROM THE SCI NETWORKS DOMAIN CONTROLLER ONCE THEY JOIN THE DOMAIN. A FIREFOX BROWSER WILL BE LOADED ON THEM AS WELL.

PEOC4I DCGS-N SCI UPGRADE AMPHIB SCD 10634 IS A CONCURRENT ALTERATION OF THIS SCD.

THIS SCD IS NOT APPLICABLE TO LHD-1, LHD-6, AND LHD-7. WASP (LHD-1) GETS CANES AND DCGS-N BLOCK 2 IN FY13. BONHOMME RICHARD (LHD-6) GETS 148G(V)2 IN FY11. IWO JIMA (LHD-7) GETS CANES AND DCGS-N BLOCK 1 ECP IN FY13.

NIKOLAS SIMON IS THE SCI NETWORKS APM. HIS E-MAIL ADDRESS IS NIKOLAS.A.SIMON@NAVY.MIL. HIS PHONE NUMBER IS (858) 537-0425.

Task/Abbreviation: K-44164-008- -SCD 79270K - ACCOMP			MJC: EXSAKA50		Rev Date: 7/22/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: 79270 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44164-008) SCD 79270K , USMC VIDEOSCOUT-CM/2 INSTALL, NOT ACCOMPLISHED.	ACCOMPLISH SCD 79270K , USMC VIDEOSCOUT-CM/2 INSTALLWHICH INSTALLS VIDEOSCOUT-CM/2 IS A STAND ALONE, SITUATIONAL AWARENESS RECEIVER SYSTEM CAPABLE OF COLLECTING ISR PLATFORM INFORMATION ON L, C AND S BANDS. ON LHD CLASS SHIPS, TWO UNITS WILL BE INSTALLED PER SHIP AND RESULT IN THE ABILITY TO COLLECT FOUR (4) UAS FEEDS (VIDEO AND METADATA). INSTALLATION INCLUDES TOPSIDE INSTALLATION OF 2 RECEIVERS, POWER AND ETHERNET CABLES, AND A LAPTOP HOSTING THE VIDEOSCOUT CM/2 SOFTWARE. POC ADAM FARNSWORTH 301.995.8187

Task/Abbreviation: Q-44171-002- -AS-3018/WSC-1 ANT - REPL/TST				MJC: CXECQ026		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-44171-002)ANTENNA REQUIRES REPLACEMENT	REPLACE THE OE-82()/WSC-1(V) ANTENNA GROUP EQUIPMENT PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS FOLLOWS: A. ANTENNA AS-3018()/WSC-1(V) - 1. REMOVE ANTENNA TO BE EXCHANGED. 2. INSTALL EXCHANGED ANTENNA. 3. TEST ANTENNA. B. AMPLIFIER-FILTER AM-6691/WSC-1 - 1. REMOVE UNIT TO BE EXCHANGED. 2. INSTALL EXCHANGED AMPLIFIER FILTER. 3. TEST AMPLIFIER FILTER. C. ACCOMPLISH TDR AND VSWR TESTS TO RF CABLES AND REPORT CONDITIONS FOUND TO SHIP'S CSMP.

Task/Abbreviation: Q-44171-003- -AS-2815/SSR-1 ANT - REPL/TST			MJC: CXECQ078		Rev Date: 2/26/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-44171-003)ANTENNA REQUIRES REPLACEMENT	AS-2815/SSR-1 SATELLITE BROADCAST ANTENNA - ACCOMPLISH THE FOLLOWING: A. REMOVE THE AS-2815/SSR-1 SATELLITE BROADCAST ANTENNA, INSTALL AND TEST REPLACEMENT OBTAINED FROM THE MRIL TURNAROUND PROGRAM. B. SUBMISSION OF AN OPNAV 4790/CK FORM IS REQUIRED UPON COMPLETION OF THIS TASK. NOTE: 1. IF PAINTING ANTENNA IS REQUIRED, OR IF ANTENNA IS REPAIRED, THEY ARE TO BE PAINTED GRAY IN ACCORDANCE WITH REQUIREMENTS OF ACN 1/11 TO NSTM CHAPTER 631. * FFG-7 UNIQUE REMOVE AND REPLACE ITEM.

Task/Abbreviation: I-44171-062- -AN/USQ-122 SAT RCVR - MRC MA26			MJC: CXECIAE3		Rev Date: 8/25/2010
RCM Analysis: 8/2/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44171-062)THE AN/USQ-122A SATELLITE RECEIVER; AM-7317A LOW NOISE AMPLIFIER REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/USQ-122A SATELLITE RECEIVER; AM-7317A LOW NOISE AMPLIFIER ASSESSMENT IN ACCORDANCE WITH MRC MA26 AS FOLLOWS: 1. CLEAN AND INSPECT LOW NOISE AMPLIFIERS AND ANTENNAS. 2. PRESSURIZE LOW NOISE AMPLIFIERS. REGIONAL MAINTENANCE ACTIVITIES CONDUCTING ASSESSMENTS PERFORM ASSESS STEPS ONLY (I.E. NO CLEANING, NO SERVICING, NO LUBRICATING, ETC.). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44171-072- -OE-82B,C,D - MRC CYP9**MJC:** CXECIC00**Rev Date:** 9/15/2010**RCM Analysis:** 9/7/2004**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-44171-072)THE OE-82B/WSC-1(V),
OE-82C/WSC-1(V) AND OE-82D/WSC ANTENNA
GROUPS REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE OE-82B/WSC-1(V), OE-82C/WSC-1(V) AND
OE-82D/WSC ANTENNA GROUPS ASSESSMENT IN ACCORDANCE
WITH MRC CYP9 AS FOLLOWS: 1. MEASURE RF TRANSMISSION LINE
LOSSES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: I-44171-073- -OE-82B,C,D - MRC DMX1				MJC: CEXECIC01	Rev Date: 9/15/2010
RCM Analysis: 9/7/2004	Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44171-073)THE OE-82B/WSC-1(V), OE-82C/WSC-1(V) AND OE-82D/WSC ANTENNA GROUPS REQUIRES ASSESSMENT.	ACCOMPLISH THE OE-82B/WSC-1(V), OE-82C/WSC-1(V) AND OE-82D/WSC ANTENNA GROUPS ASSESSMENT IN ACCORDANCE WITH MRC DMX1 AS FOLLOWS: 1. CONDUCT OE-82()/WSC-1(V) AND OE-82D/WSC ANTENNA GROUP PERFORMANCE TESTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44171-074- -OE-82B,C,D - MRC FPY2			MJC: CXECIC02		Rev Date: 8/25/2010					
RCM Analysis: 9/7/2004		Scheduled: N		Sit Reqs:		Qty: 2	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44171-074)THE OE-82()WSC-1(V) ANTENNA GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE OE-82()WSC-1(V) ANTENNA GROUP ASSESSMENT IN ACCORDANCE WITH MRC FPY2 AS FOLLOWS: 1. TEST TRANSMISSION LINE AND AMPLIFIER-FILTER PRESSURIZATION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44171-075- -AN/WSC-3(V) SATCOM - MRC EYB1			MJC: CEXECIC03		Rev Date: 10/3/2010					
RCM Analysis: 9/6/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44171-075)THE AN/WSC-3(V) SATELLITE COMMUNICATIONS (SATCOM) REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WSC-3(V) SATELLITE COMMUNICATIONS (SATCOM) ASSESSMENT IN ACCORDANCE WITH MRC EYB1 AS FOLLOWS: 1. VERIFY VOLTAGE REGULATOR VOLTAGES. 2. MEASURE AN/WSC-3(V)(ÿ) 5 MHZ FREQUENCY OUTPUT. 3. ACCOMPLISH AFC SWEEP PERFORMANCE TEST. 4. ACCOMPLISH VCXO PERFORMANCE TEST. 5. ACCOMPLISH PSK AFC/AGC PERFORMANCE TEST. 6. VERIFY PSK INTEGRATOR OUTPUT. 7. VERIFY BIT TIMING VXCO FREQUENCY. 8. TEST DATA SIGNAL ACQUISITION LAMP ACTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44171-076- -INMARSAT A/B/M - MRC N2W2**MJC:** CEXECIC04**Rev Date:** 9/15/2010**RCM Analysis:** 12/11/2006**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-44171-076)THE INTERNATIONAL MARITIME SATELLITE INMARSAT A/B SYSTEM REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE INTERNATIONAL MARITIME SATELLITE INMARSAT A/B SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC N2W2 AS FOLLOWS: 1. PERFORM INTERNATIONAL MARITIME SATELLITE (INMARSAT) SYSTEM INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44171-078- -OK-454(V)/455(V) - MRC N2F4			MJC: CEXECIC06		Rev Date: 10/5/2010					
RCM Analysis: 12/4/2006		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 2	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44171-078)THE OK-454/455 TD-1271/DAMA REQUIRES ASSESSMENT.	ACCOMPLISH THE OK-454/455 TD-1271/DAMA ASSESSMENT IN ACCORDANCE WITH MRC N2F4 AS FOLLOWS: 1. PERFORM OK-454/455 CHECKOUT. 2. PERFORM TD-1271 CHECKOUT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44171-079- -AN/WSC-8(V)1,2 - MRC N2W8			MJC: CEXECIC07		Rev Date: 8/24/2011					
RCM Analysis: 12/11/2006		Scheduled: Y		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 2	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44171-079)THE AN/WSC-8(V)1,2 SHF SATELLITE COMMUNICATIONS SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WSC-8(V)1,2 SHF SATELLITE COMMUNICATIONS SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC N2W8 AS FOLLOWS: 1. PERFORM MATERIAL CONDITION INSPECTION. 2. PERFORM BELOW DECKS EQUIPMENT (BDE) TEST. 3. PERFORM OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44171-081- -AN/USR-10 - MRC N2X0			MJC: CXECIC09		Rev Date: 1/11/2011					
RCM Analysis: 12/11/2006		Scheduled: N		Sit Reqs:		Qty: 0	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44171-081)THE AN/USR-10(V)1,2,3,4,5, 10A(V)4, 10A(V)5 GLOBAL BRAODCAST SYSTEM) REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/USR-10(V)1,2,3,4,5, 10A(V)4, 10A(V)5 GLOBAL BRAODCAST SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC N2X0 AS FOLLOWS: 1. PERFORM VISUAL INSPECTION. 2. PERFORM RECEIVE COAXIAL CABLE CERTIFICATION (PASS/FAIL). 3. PERFORM TRACKING RECEIVER CONTROLLER ASSEMBLY (TR/CA), DUAL ANTENNA SWITCH (DAS) AND SHIPBOARD RECEIVE BROADCAST MANAGER (RBM) POWER-UP. 4. PERFORM SHIPBOARD ANTENNA SYSTEM (SAS) TEST (PASS/FAIL). 5. PERFORM SHIPBOARD ANTENNA SYSTEM INITIALIZATION (PASS/FAIL). 6. PERFORM SHIPBOARD ANTENNA SYSTEM UNDERWAY ACQUISITION (PASS/FAIL). 7. SRBM UNCLASSIFIED AUDIO/VIDEO TEST PROCEDURES (PASS/FAIL). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-44171-090- -SHIPALT LHD1-04000K - ACCOMP			MJC: CXSAK099		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 45,000	ManDays: 60	Alt No: SALHD 04000 K	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44171-90) SHIPALT LHD1-04000K, EBEM MODEM FOR WSC-6 VARIANTS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-04000K WHICH REMOVES THE CQM-248A MODEMS AND/OR SLM-3650 MODEMS AND INSTALLS TWO (2) MD-1366A/U EBEM MODEMS. IT ALSO LOADS THE EBEM GUI ON THE SHF BASEBAND LAPTOP, AND PROGRAMS THE CODE OPERATED SWITCH TO CONTROL THE MODEMS REMOTELY. IT USES EXISTING POWER, MOD / DEMOD IF, EXTERNAL REFERENCE, DIGITAL DATA, AND REMOTE CONTROL CABLING.

Task/Abbreviation: O-44171-106- -EC 71126 USQ-145(V) - ACCOMP			MJC: EXSAO140		Rev Date: 7/3/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: EC 71126
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-106) EC 71126 AN/USQ-145(V)1-8, SW UP 12.29/10.11&VTC 300 V2.7, NOT ACCOMPLISHED	ACCOMPLISH EC 71126 AN/USQ-145(V)1-8 WHICH PROVIDES INSTALLATION INSTRUCTIONS FOR AN/USQ-145(V)1-8 SOFTWARE VERSION DIGITAL SIGNAL PROCESSOR (DSP) 12.28/10.11 AND VIASAT TERMINAL CONTROLLER (VTC-300) V2.7 THIS UPGRADE WILL REPLACE DSP 12.11/10.9 AND VTC-300 V2.0 RESPECTIVELY. MD-1324A DSP 12.28 SOFTWARE BUILD CORRECTS SYSTEM LOCK-UP PROBLEMS. MD-1324 DSP 10.11 SOFTWARE FIXES THE REQUEST TO SEND (RTS) DATA DUMP FEATURE TO THE SYSTEM. VTC-300 V2.7 SOFTWARE ENHANCES THE GRAPHICAL USER INTERFACE (GUI) REED SOLOMON ERROR THRESHOLD PULL DOWN MENU IN SUPPORT OF THE ADVANCED DIGITAL WAVEFORM (ADW). POC: SIMON CHAMMAS, 619-524-2584, SIMON.CHAMMAS@NAVY.MIL. OR MICHAEL FISHER, 619-524-7153, MICHAEL.FISHER@NAVY.MIL

Task/Abbreviation: O-44171-108- -EC 71156 7 USC-38(V)9 - ACCOMP			MJC: CXSAO241		Rev Date: 8/30/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: EC 71156
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-108) EC 71156 (SCD 1156) AN/USC-38(V)9, SURFACE FOT BASELINE UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH EC 71156 (SCD 1156), AN/USC-38(V)9 WHICH WILL UPGRADE THE AN/USC-38(V)9 SURFACE EHF FOTS TO ENGINEERING HARDWARE BASELINE. THIS INCLUDES THE FOLLOWING UPGRADES: VME RECTIFIER, DOWN CONVERTER MODULATOR, BASEBAND INTERFACE, INTERFACE ADAPTER, SYNTHESIZER MODULE, RF CONVERTER, C-BAND INTERFACE (CIF), STRUCTURE BORN NOISE IMPROVEMENTS, 5MHZ NOISE IMMUNITY IMPROVEMENTS, RUBIDIUM STANDARD, PRIME POWER INTERFACE, ANTENNA CABLE MARKERS, ANTENNA KICK PLATES, SSA FAN MOTORS, SSA BAND PASS MOTORS, SLIP RINGS, INERTIAL DATA ASSEMBLIES, RADAR ABSORBING MATERIAL, VERIFICATION OF HARDENED SOLID STATE AMPLIFIER AND ELECTRO MAGNETIC INTERFERENCE CABLES, ANTENNA BALANCE, NAVIGATION EMP ADAPTER, ANTENNA MOTOR BOX EMP FILTER, NAMEPLATES, OPERATOR INTERFACE UNIT. POC: GARY FORD, 858-537-0523, GARY.T.FORD@NAVY.MIL.

Task/Abbreviation: I-44171-109- -AN/SSR-1,1A SATL SET-MRC BTT8			MJC: CEXECICR1		Rev Date: 9/15/2010					
RCM Analysis: 6/6/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44171-109)THE AN/SSR-1, 1A SATELLITE RECEIVING SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SSR-1, 1A SATELLITE RECEIVING SET ASSESSMENT IN ACCORDANCE WITH MRC BTT8 AS FOLLOWS: 1. INSPECT AN/SSR-1() AMPLIFIER-CONVERTERS AND ANTENNAS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44171-110- -AN/SSR-1,1A SATL SET-MRC BQD2			MJC: CEXECICR2		Rev Date: 9/15/2010
RCM Analysis: 6/6/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44171-110)THE AN/SSR-1, 1A SATELLITE RECEIVING SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SSR-1, 1A SATELLITE RECEIVING SET ASSESSMENT IN ACCORDANCE WITH MRC BQD2 AS FOLLOWS: 1. ADJUST LOCAL OSCILLATOR FREQUENCY. 2. ADJUST PSK FREQUENCY. 3. ADJUST BIT SYNC FREQUENCY FOR BIT SYNCHRONIZER P/N 01-P00139F001. 4. ADJUST BIT SYNCHRONIZER ANALOG TO DIGITAL CONVERTER INPUT LEVEL FOR BIT SYNCHRONIZER P/N 01-P00139F002. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44171-111- -AN/SSR-1,1A SATL SET-MRC BCV5			MJC: CEXECICR3		Rev Date: 9/15/2010
RCM Analysis: 6/6/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44171-111)THE AN/SSR-1, 1A SATTELITE RECEIVING SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SSR-1, 1A SATTELITE RECEIVING SET ASSESSMENT IN ACCORDANCE WITH MRC BCV5 AS FOLLOWS: 1. PERFORM SYSTEM OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-44171-112- -SHIPALT LHD1-70477K - ACCOMP			MJC: CXSAK142		Rev Date: 5/31/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 50,000	ManDays: 10	Alt No: SALHD 70477 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44171-112) SHIPALT LHD1-70477K, ADNS AN/USQ-144J(V)4, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-70477K, ADNS AN/USQ-144J(V)4, WHICH PROVIDES FOR A STANDARD TECHNICAL APPROACH AND PROCEDURES FOR ROUTING AND TERMINATING OF IP DATA CONNECTIVITY FROM MULTIPLE SHIPBOARD LOCAL AREA NETWORKS (LAN) OPERATING AT DIFFERENT SECURITY LEVELS TO INCLUDE SHORE NETWORKING OPERATING CENTERS. AN/USQ-144J(V)4 IMPROVES ON FIRST-STAGE BY BETTER-ADVANCING QOS, MONITORING CAPABILITY, AND LOAD-BALANCING OVER MULTIPLE RF PATHS. ALSO, AN/USQ-144J(V)4 TAKES ADVANTAGE OF INCREASED SATELLITE BANDWIDTH AVAILABLE IN THE FY06-QTR3 WGS (WIDEBAND GAP-FILLED SATELLITE) PROGRAM. AT A MINIMUM, FORCE-LEVEL SHIPS CAN EXPECT A SIGNIFICANT INCREASE IN THROUGH-PUT. AN/USQ-144J(V)4 PROVIDES THE SAME CAPABILITIES OF THE AN/USQ-144J(V)2 CONFIGURATION WHILE INTEGRATING THE MARINE AIR GROUND TRANSPORT (MAGTF) ROUTER. IN SOME CASES, OLDER CONFIGURATIONS MAY NEED TO BE REMOVED BECAUSE THE ARCHITECTURE CANNOT BE UPGRADED. POC: JOHN KMET, 619-524-3540, JOHN.KMET@NAVY.MIL.

Task/Abbreviation: I-44171-113- -AN/USQ-145 JOINT DAMA-MRC N2W3			MJC: CEXECICR5		Rev Date: 9/15/2010					
RCM Analysis: 12/11/2006		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44171-113)THE AN/USQ-145 (V) 1 THROUGH 8 JOINT DAMA SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/USQ-145 (V) 1 THROUGH 8 JOINT DAMA SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC N2W3 AS FOLLOWS: 1. PERFORM MATERIAL CONDITION INSPECTION. 2. PERFORM SYSTEM OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-44171-115- -EC 71405 AN/USC-38 - ACCOMP			MJC: CXSAO262		Rev Date: 8/30/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 6	Alt No: EC 71405
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-115) EC 71405 (SCD 1405) AN/USC-38(V)9, 10, 11, NESP L03 SOFTWARE, NOT ACCOMPLISHED	ACCOMPLISH EC 71405 (SCD 1405) AN/USC-38(V)9, 10, 11, NESP L03 SOFTWARE, WHICH CORRECTS THE SOFTWARE PROBLEMS IDENTIFIED DURING OPERATIONAL TESTING AND OPERATIONAL USE IN THE FLEET. THESE CORRECTIONS INCREASE RELIABILITY. THESE CHANGES ARE SOFTWARE TROUBLE REPORT FIXES TO THE K31 SOFTWARE FIELDLED UNDER EC 2 R1. POC: GARY FORD, 858-537-0523, GARY.T.FORD@NAVY.MIL.

Task/Abbreviation: I-44171-118- -AN/USC-38(V)2-(V)7 - MRC N4Y3**MJC:** OXECI052**Rev Date:** 8/24/2011**RCM Analysis:** 12/11/2006**Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 18**Equip/Task:** 1**Matl Cost:****ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-44171-118)THE AN/USC-38(V)2, (V)3, (V)4, (V)5, (V)6, (V)7 EHF SATTELITE COMMUNICATIONS TERMINAL REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/USC-38(V)2, (V)3, (V)4, (V)5, (V)6, (V)7 EHF SATTELITE COMMUNICATIONS TERMINAL ASSESSMENT IN ACCORDANCE WITH MRC N4Y3 AS FOLLOWS: 1. CHECK RUBIDIUM STANDARD CALIBRATION AND MODEM-TCP BATTERY VOLTAGES. 2. PERFORM MATERIAL INSPECTION. 3. CHECK TWT FILAMENT, CATHODE, AND COLLECTOR VOLTAGES. 4. CHECK TWT RF POWER. 5. PERFORM SYSTEM OPERATIONAL TEST (SOT). 6. CONDUCT NAVY EHF COMMUNICATIONS CONTROLLER (NECC) OR TIP SYSTEM OPERATION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44171-119- -AN/USC-38,A(V)9&(V)10-MRC N4Y4			MJC: OXECI053		Rev Date: 8/24/2011					
RCM Analysis: 12/11/2006		Scheduled: Y		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 12		Equip/Task: 1		Matl Cost:		ManDays: 2	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44171-119)THE AN/USC-38(V)9, (V)10 & A(V)9 EHF SATELLITE COMMUNICATIONS TERMINAL REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/USC-38(V)9, (V)10 & A(V)9 EHF SATELLITE COMMUNICATIONS TERMINAL ASSESSMENT IN ACCORDANCE WITH MRC N4Y4 AS FOLLOWS: 1. PERFORM MATERIAL INSPECTION. 2. PERFORM SYSTEM OPERATIONAL TEST. 3. CONDUCT NAVY EHF COMMUNICATIONS CONTROLLER (NECC) OR TIP SYSTEM OPERATION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-44171-120- -SHIPALT LHD1-00503K - ACCOMP			MJC: CXSAK159		Rev Date: 6/27/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 45,000	ManDays: 60	Alt No: SALHD 00503 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44171-120) SHIPALT LHD1-00503K, EBEM MODEM FOR WSC-6 VARIANTS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00503K WHICH UPGRADE THE MODEM ASSEMBLY OF THE AN/WSC-6(V)5 AND AN/WSC-6A(V)5 SHF SATCOM WITH MD-1366A/U ENHANCED BANDWIDTH EFFICIENT MODEM (EBEM). THE EBEM IS A FULL FUNCTIONED MODEM THAT EMPLOYS STATE-OF-ART MODULATION AND CODING TECHNIQUES TO OPTIMIZE WIDEBAND GAPFILLER SYSTEM (WGS) SATELLITE TRANSPONDER BANDWIDTH USAGE WHILE MAINTAINING BACKWARD COMPATIBILITY WITH A WIDE RANGE OF LEGACY MODEMS CURRENTLY IN USE. THE EBEM USES APPLICATIONS TO PROVIDE DATA TRANSFER AT REQUIRED SYSTEM RATE. THIS MODEM WILL ALSO MINIMIZE THE ADVERSE EFFECTS ON COMMUNICATION SERVICES CAUSED BY THE TRANSMIT AND RECEIVE SIGNAL INTERRUPTION DUE TO ANTENNA HANDOVER. POC: SAMUEL BAKER, 858-537-0429, SAMUEL..BAKER@NAVY.MIL.

Task/Abbreviation: O-44171-132- -FC 73339 ADNS, USQ144 - ACCOMP**MJC:** CXSAO463**Rev Date:** 1/22/2007**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:** FC 73339**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-44171-132) FC 73339 ADNS, USQ-144 FLLI UPGD, ADNS, AN/USQ-144, FLLI UPGRADE, NOT ACCOMPLISHED

ACCOMPLISH FC 73339 ADNS, USQ-144 FLLI UPGD WHICH WILL PROVIDE THE METHOD FOR CONNECTING THE ENCRYPTION DEVICE INLINE BETWEEN THE EXISTING CHANNEL SERVICE UNIT/DATA SERVICE UNIT (CSU/DSU) AND THE FIBER OPTIC MODEM (FOM), WHICH ARE HOUSED INSIDE THE FLLI ASSEMBLY. THIS FC HAS NO OPERATIONAL EFFECT ON THE EXISTING EQUIPMENT OR CIRCUITS AND WILL ONLY BE USED WHEN THE ENCRYPTION DEVICE IS BROUGHT ONBOARD, THE FC WILL CONSIST OF REMOVING THE BLANK PANEL (2 SCREWS) IN THE CSU/DSU SLOT 5 (SEE FIGURE 4-1) AND REPLACING IT (USING ORIGINAL SCREWS) WITH THE PANEL PROVIDED IN THE FC KIT. ONCE INSTALLED, THE FC WILL REMAIN IN PLACE BUT THE ENCRYPTION DEVICE WILL ONLY BE PROVIDED TO THE SHIP TEMPORARILY WHEN REQUIRED. THE ADNS TECHNICIAN WILL CONNECT AND DISCONNECT IT FROM THE PIER CIRCUIT INSIDE THE SHIP. POC: JOHN KMET, 619-524-3540, JOHN.KMET@NAVY.MIL, GRACE DUVALL, 858-826-5476, GRACE.C.DUVALL@SAIC.COM

Task/Abbreviation: O-44171-139- -EC 71372 AN/SSR-2,2A - ACCOMP				MJC: CXSAO506	Rev Date: 12/11/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 12	Alt No: EC 71372
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-139) EC 71372 AN/SSR-2,2A GBS IP ADDED H/W, NOT ACCOMPLISHED	ACCOMPLISH EC 71372 AN/SSR-2,2A WHICH THIS ENGINEERING CHANGE PROVIDES INSTRUCTIONS FOR THE REMOVAL, REPLACEMENT AND UPGRADE OF EXISTING GBS ATM SRS SYSTEMS AND SUBSYSTEMS, WITH INTERNET PROTOCOL (IP) HARDWARE. POC: JORGE REYES, 619-524-7619, JORGE.REYES@NAVY.MIL.

Task/Abbreviation: K-44171-140- -SHIPALT LHD1-71418K - ACCOMP**MJC:** CXSAK225**Rev Date:** 1/4/2007**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:** NO**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10**ManDays:** 10**Alt No:** SALHD 71418 K**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-44171-140) SHIPALT LHD1-71418K, PEOC4I SV
FNBDT IWF, NOT ACCOMPLISHED

ACCOMPLISH SHIPALT LHD1-71418K IN WHICH THE IMPLEMENTATION STRATEGY IS TO AUGMENT THE EXISTING TIMEPLEX/FCC-100 SYSTEMS, WHILE FOCUSING ON THE VOICE APPLICATION ONLY. THE TIMEPLEX/FCC-100 SYSTEM IS NOT EXCLUSIVE TO SUPPORTING VOICE APPLICATIONS AND WILL REMAIN UNTIL ALL SYSTEMS CAN TRANSITION TO AN IP ENVIRONMENT. THE FOLLOWING HARDWARE SHALL BE ADDED: 1. FNBDT IWF: PROVIDES CIRCUIT SWITCHED TO IP CONVERSION FOR SECURE AND NON-SECURE VOICE CALLS. 2. TN-464: (IF NECESSARY) PROVIDES T-1 INTERFACE FROM THE SHIPBOARD TELEPHONE SWITCH TO THE FNBDT IWF. 3. ETHERNET MODULE: (IF NECESSARY) PROVIDES ENTRY POINT FOR THE FNBDT IWF TO THE ISNS (U) ROUTER. 4. ASSOCIATED CABLING FOR FNBDT IWF INSTALLATION. INSTALLATION OF THE FNBDT IWF WILL PROVIDE DATA COMPRESSION BASED ON THE NEW FNBDT-210/230 SPECIFICATION, WHILE MAINTAINING STU-III FUTURE SECURE VOICE SYSTEM (FSVS)-210 LEGACY SUPPORT. NO SHIPBOARD EQUIPMENT IS TO BE REMOVED DURING THE INITIAL FIELDING OF THE FNBDT IWF. POC: JOHN KMET, 619-524-3540, JOHN.KMET@NAVY.MIL.

Task/Abbreviation: O-44171-142- -FC 71130 AN/WSC-8(V)1 - ACCOMP				MJC: CXSAO556	Rev Date: 1/11/2007
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No: FC 71130 3
Referenced Authority:	Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-142) FC 71130 AN/WSC-8(V)1, 2 (FC-3) - SHF RADOME HATCH UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH FC 71130 WHICH FIELD CHANGE 3 WILL PROVIDE AN ENLARGED AND MORE SECURE HATCH STRUCTURE THAT PROTECTS THE RADOME FROM DAMAGE AND PROVIDES INCREASED PROTECTION TO THE ANTENNA FROM THE ELEMENTS. INSTALLS A LANYARD ATTACHED TO THE DOOR THAT PREVENTS ACCIDENTAL LOSS. DUE TO THE NATURE OF THIS INSTALL, SUBMITTER REQUESTS SCD APPROVAL TO PHASE IIA.

Task/Abbreviation: K-44171-144- -SHIPALT LHD1-00408K - ACCOMP			MJC: CXSAK234		Rev Date: 1/30/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 200,000	ManDays: 375	Alt No: SALHD 00408 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44171-144) SHIPALT SHIPALT LHD1-00408K - SHF OE-558/WSC-6 ANTENNAS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00408K WHICH REPLACES OBSOLETE ANTENNA SYSTEM. MANUFACTURER AND PARTS ARE NO LONGER AVAILABLE. NEW ANTENNA SYSTEM ALREADY FIELDIED ON OTHER CLASS SHIPS AND FULLY SUPPORTED. REMOVE EXISTING ANTENNA AND RADOME. INSTALL NEW ANTENNA PEDESTAL, RADOME AND ENVIRONMENTAL EQUIPMENT. UPGRADE PRIME POWER DISTRIBUTION UNIT TO SUPPORT NEW ANTENNA SYSTEM. POC: CLAIRE MEADOWS, 858-537-0574, CLAIRE.MEADOWS.CTR@NAVY.MIL.

Task/Abbreviation: O-44171-145- -FC 73532 AN/WSC-6(V)5 - ACCOMP			MJC: CXSAO573		Rev Date: 1/30/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: FC 73532
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-145) FC 73532 AN/WSC-6(V)5, RETROFIT AN/WSC-6/6A(V)5 TERM, NOT ACCOMPLISHED	ACCOMPLISH FC 73532 WHICH ENHANCE CAPABILITY AND PERFORMANCE OF SYSTEM AS IDENTIFIED BELOW: UPGRADE SYSTEM SOFTWARE FOR SHF SATCOM SET, AN/WSC-6(V)5, CONTROL CABINET G704705-1; UPGRADE VME CHASSIS (TCU) G699137-2 TO REVISION J; STRENGTHEN CCAS WITH IMPROVED STIFFENERS AND ELIMINATE NEED FOR CAR EXTRACTOR; REPLACE QUARTZ RATE SENSOR (QRS) INERTIAL DATA ASSEMBLY (IDA) WITH FIBER OPTIC GYRO (FOG) IDA ON THE OE-558 ANTENNA(S). POC, DAVE LINDBERG, 619-524-3280, DAVE.LINDBERG@NAVY.MIL.

Task/Abbreviation: O-44171-146- -EC 70622 AN/WSC-6(V)5 - ACCOMP			MJC: CXSAO608		Rev Date: 3/12/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: EC 70622
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-146) EC 70622 AN/WSC-6(V)5 OIU UPGRADE, SHF, WSC-6/6A(V)5, EC4 OIU LAP, NOT ACCOMPLISHED	ACCOMPLISH EC 70622 AN/WSC-6(V)5 OIU UPGRADE (EQUIVALENT TO SCD 622) WHICH UPGRADES THE SHF SATELLITE COMMUNICATION AN/WSC-6(V)5 OIU LAPTOP COMPUTER TO A MICROSOFT WINDOWS BASED LAPTOP. POC: MARGARET SOLER, 858-537-8575. MARGARET.SOLER@NAVY.MIL.

Task/Abbreviation: K-44171-151- -SHIPALT LHD1-00505K - ACCOMP			MJC: CXSAK254		Rev Date: 5/17/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: SALHD 00505 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44171-151) SHIPALT LHD1-00505K, ADNS AN/USQ-144H(V)4, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-00505K, ADNS AN/USQ-144H(V)4 WHICH PROVIDES THE AUTOMATED DIGITAL NETWORKING SYSTEM (ADNS) AS THE SECOND STAGE FOUNDATION OF THE JMCOMS THREE-STAGE PLAN TO FOCUS THE FUTURE OF NAVAL COMMUNICATIONS BY ELIMINATING MULTIPLE STOVE-PIPED RADIO FREQUENCY (RF) CIRCUITS STREAMLINING ACQUISITION AND TAKING AN ENTERPRISE APPROACH TO COMMUNICATIONS SYSTEMS. ADNS AN/USQ-144H(V)4 PROVIDES FOR A STANDARD TECHNICAL APPROACH AND PROCEDURES FOR ROUTING AND TERMINATING OF IP DATA CONNECTIVITY FROM MULTIPLE SHIPBOARD LOCAL AREA NETWORKS (LAN) OPERATING AT DIFFERENT SECURITY LEVELS TO INCLUDE SHORE NETWORKING OPERATING CENTERS. AN/USQ-144H(V)4 IMPROVES ON FIRST-STAGE BY ADDING QOS, MONITORING CAPABILITY, AND LOAD-BALANCING OVER MULTIPLE RF PATHS. IN SOME CASES, OLDER CONFIGURATIONS MAY NEED TO BE REMOVED BECAUSE THE ARCHITECTURE CANNOT BE UPGRADED..

Task/Abbreviation: O-44171-152- -EC 74539 OE-558 - ACCOMP			MJC: CXSAO656		Rev Date: 6/13/2007	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No: EC 74539	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-152) EC 74539 OE-558/571 EMI MITIGATION, OE-558/571 EMI MITIGATION, NOT ACCOMPLISHED	ACCOMPLISH EC 74539 OE-558/571 EMI MITIGATION (EQUIVALENT TO SCD 4539) WHICH REDUCES THE EFFECTS OF ELECTROMAGNETIC INTERFERENCE (EMI) BETWEEN THE AN/WSC-6 SHF SATELLITE TERMINAL ANTENNA PEDESTALGROUP AND OTHER ELECTRONICS. THIS EC MODIFIES OE-558 AND OE-571 SHF SATCOM ANTENNAS WITH ELECTROMAGNETIC INTERFERENCE (EMI) MITIGATION SHIELDING. POC: TED LEW, 619-524-7684, TED.LEW@NAVY.MIL OR MARGARET SOLER, 858-537-8575, MARGARET.SOLER@NAVY.MIL

Task/Abbreviation: K-44171-153- -SHIPALT LHD1-03160K - ACCOMP				MJC: EXSAK737		Rev Date: 4/25/2007	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 243,585	ManDays: 1383	Alt No: SALHD 03160 K		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44171-153) SHIPALT LHD1-03160K, EHF FOLLOW-ON TERMINAL, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03160K "EHF FOLLOW ON TERMINAL" WHICH INSTALLS EHF SATCOM FOLLOW-ON TERMINAL (FOT) ON DOCK LANDING SHIPS (LSD) TO PROVIDE SECURE TRANSMISSION AND RECEPTION OF VOICE AND DATA IN AN ANTI-JAM MILITARY EHF FREQUENCY BAND. THE FOT PROVIDES TECHNICAL ENHANCEMENTS OVER EXISTING AN/USC-38(V) NAVY EHF SATCOM PROGRAM (NESP) TERMINALS CURRENTLY DEPLOYED IN THE FLEET AND IS BACKWARD COMPATIBLE IN ALL ASPECTS WITH THE OLDER NESP EQUIPMENT. POC, MANUEL PANIS, 619-437-3999, MANUEL.PANIS@NAVY.MIL.

Task/Abbreviation: K-44171-154- -SHIPALT LHD1-03207K - ACCOMP				MJC: CXSAK261		Rev Date: 4/25/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 10,000		ManDays: 25		Alt No: SALHD 03207 K	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44171-154) SHIPALT LHD1-03207K, TDMA INTERFACE PROCESSOR (TIP), NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03207K WHICH INSTALLS A TIME DIVISION MULTIPLE ACCESS (TDMA) INTERFACE PROCESSOR. THIS PROVIDES NETTED EHF COMMUNICATION FOR BOTH HIGH DATA RATE(HDR) AND FOLLOW ON TERMINAL (FOT).

Task/Abbreviation: K-44171-158- -SHIPALT LHD1-73838K - ACCOMP			MJC: CXSAK283		Rev Date: 9/22/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: SALHD 73838 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44171-158) SHIPALT LHD1-73838K, PEOC4I ADNS AN/USQ-144K(V)4, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-73838K, WHICH S THE AN/USQ-144K(V)4 PROVIDES FOR A STANDARD TECHNICAL APPROACH AND PROCEDURES FOR ROUTING AND TERMINATING OF INTERNET PROTOCOL (IP) DATA CONNECTIVITY FROM MULTIPLE SHIPBOARD LOCAL AREA NETWORKS (LAN) OPERATING AT DIFFERENT SECURITY LEVELS TO INCLUDE SHORE NETWORKING OPERATING CENTERS. AN/USQ-144K(V)4 IMPROVES ON PREVIOUS STAGES BY PROVIDING USER ADJUSTABLE AND DYNAMIC QUALITY OF SERVICE (QOS), FULL NETWORK MONITORING AND MANAGEMENT CAPABILITIES, MOBILE ADHOC NETWORKING AN/USQ-144K(V)4 PROVIDES FOR A STANDARD TECHNICAL APPROACH AND PROCEDURES FOR ROUTING AND TERMINATING OF INTERNET PROTOCOL (IP) DATA CONNECTIVITY FROM MULTIPLE SHIPBOARD LOCAL AREA NETWORKS (LAN) OPERATING AT DIFFERENT SECURITY LEVELS TO INCLUDE SHORE NETWORKING OPERATING CENTERS.

Task/Abbreviation: O-44171-159- -FC 70633 WSC6 - ACCOMP				MJC: CXSAO690	Rev Date: 6/16/2008
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: FC 70633
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-159) FC 70633 AN/WSC-6/6A(V) 7, OE-558/WSC AND OE-571/WSC SHF, NOT ACCOMPLISHED	ACCOMPLISH FC 70633 (EQUIVALENT TO SCD 633) AN/WSC-6/6A(V) 7 WHICH REPLACE CLAMP RING AND FREEDOME IN ORDER TO MEET SHOCK AND VIBRATION REQUIREMENTS.

Task/Abbreviation: I-44171-160- -AN/USC-38B(V)2 - INSP			MJC: OXECI058		Rev Date: 10/5/2010					
RCM Analysis: 12/11/2006		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 2	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44171-160)THE AN/USC-38(V)9, B(V)2 EHF SATELLITE COMMUNICATIONS TERMINAL REQUIRES INSPECTION.	ACCOMPLISH THE AN/USC-38(V)9, B(V)2 EHF SATELLITE COMMUNICATIONS TERMINAL ASSESSMENT IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUALS: 1. PERFORM MATERIAL INSPECTION. 2. PERFORM SYSTEM OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-44171-161- -FC 73139 TD-1063/SSR-1- ACCOMP			MJC: CXSAO716		Rev Date: 7/24/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: FC 73139
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-161) FC 73139 TD-1063()/SSR-1 HW UPG, TD-1063()/SSR-1 FC01 HW UPG, NOT ACCOMPLISHED	ACCOMPLISH FC 73139 TD-1063()/SSR-1 HW UPG WHICH MODIFIES THE TD-1063()/SSR-1 (TIME DIVISION-1063/SATELLITE SIGNAL RECEIVING SET-1) DEMULTIPLEXER. THE INTEGRATE AND DUMP AND CLOCK RECOVERY CIRCUITS WILL BE CHANGED TO ACCOMMODATE 2400 BPS, BY-PASSING THE DEMULTIPLEXING CIRCUITRY, AND REWIRING OUTPUT CHANNELS 15 AND 16 TO OUTPUT CLOCK AND DATA RESPECTIVELY. ALSO THE FIELD CHANGE PROVIDES AN AUTO-BAUD RATE CAPABILITY (AUTO-BAUD SCHEME). TD-1063() WILL BE MODIFIED TO OUTPUT DATA AND CLOCK AT 2400 BPS. THIS REQUIRES MODIFYING THE INTEGRATE AND DUMP AND CLOCK RECOVERY CIRCUITRY IN THE BIT SYNCHRONIZER MODULE, AND MAKES MODIFICATIONS TO ONE OF THE TELETYPE DRIVER MODULES TO BYPASS THE DEMULTIPLEXER. POC: CHUCK VINSON, 619-252-9617 OR 619-690-6033, CHARLES.VINSON@NAVY.MIL.

Task/Abbreviation: K-44171-170- -SHIPALT LHD1-75501K - ACCOMP			MJC: CXSAO786		Rev Date: 2/19/2008	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: SALHD 75501 K	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44171-170) SHIPALT LHD1 - 75501K PEOC4I AN/WSC-8(V)2 EBEM INSTALLATION FOR DUAL PLA, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1 - 75501K, PEOC4I AN/WSC-8(V)2 EBEM INSTALLATION FOR DUAL PLA WHICH UPGRADE AN/WSC-8(V)2 COMMERCIAL SATCOM WITH ENHANCED BANDWIDTH EFFICIENT MODEM (EBEM) TO OPTIMIZE COMMERCIAL SATELLITE TRANSPONDER BANDWIDTH USAGE WHILE MAINTAINING BACKWARD COMPATIBILITY WITH LEGACY SATCOM SATELLITES CURRENTLY IN USE. POC, TRAVIS SMITH, 619-437-2684, TRAVIS.R.SMITH@NAVY.MIL.

Task/Abbreviation: O-44171-193- -EC 75290 AN/USC-38 (V)9-ACCOMP			MJC: CXSAO886		Rev Date: 1/9/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: EC 75290
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-193) EC 75290 (SCD 5290), AN/USC-38(V)9 EC-11 SSA SURGE LIMITER, NOT ACCOMPLISHED	ACCOMPLISH EC 75290 (SCD 5290), AN/USC-38(V)9 EC-11 SSA SURGE LIMITER, WHICH IS TO PERFORM EE-130-AG-ECO-011 IN ORDER TO PROTECT THE EXTREMELY HIGH FREQUENCY (EHF) FOLLOW ON TERMINAL (FOT) SOLID STATE AMPLIFIERS (SSAS) FROM POWER SURGES. REPEATED POWER SURGES CAUSE THE SSAS TO FAIL OVER TIME AND HAVE RESULTED IN HIGH REPLACEMENT COSTS TO THE FLEET. POC; SMITH,TRAVIS; 619-437-2684, TRAVIS.R.SMITH@NAVY.MIL.

Task/Abbreviation: O-44171-196- -EC 75293 ADNS, USQ144J -ACCOMP			MJC: CXSAO895		Rev Date: 2/6/2008	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 6	Alt No: EC 75293	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-196) EC 75293 ADNS, USQ144J , ADNS J(V)2 LQOSMAN 4.0 INSTALL, NOT ACCOMPLISHED	ACCOMPLISH EC 75293 ADNS, USQ144J , ADNS J(V)2 LQOSMAN 4.0 INSTALL WHICH AS REPORTED IN NCR-ADNS-05-064, THE AN/USQ-144J(V) VARIANT IS BEING DEVELOPED TO TAKE ADVANTAGE OF DRAMATICALLY INCREASED BANDWIDTH AVAILABILITY WITH SATELLITES USED BY FORCE-LEVEL AND COMMAND SHIPS. THIS ENGINEERING CHANGE ORDER DOCUMENTS THE INITIAL SOFTWARE INSTALLATION FOR THESE VARIANTS. REVISION ONE INCORPORATES ADDITIONAL HULLS, THE J(V)4 VARIANT AND MINOR TYPOGRAPHIC IMPROVEMENTS.. POC: CHRITOPHER SINGER, 202-781-3802, CHRISTOPHER.SINGER@NAVY.MIL.

Task/Abbreviation: K-44171-197- -SHIPALT LHD1-75359K - ACCOMP			MJC: CXSAK411		Rev Date: 2/19/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 75359 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44171-197) SHIPALT LHD1-75359K, PEOC4I CBSP TIER 2, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-75359K WHICH INSTALLS COMMERCIAL BROADBAND SATELLITE PROGRAM (CBSP) TIER 2 ABOVE DECK AND BELOW DECK EQUIPMENT WILL REPLACE THE SHIP'S EXISTING WSC-8 ANTENNA AND BELOW DECK EQUIPMENT. CBSP TERMINAL IS A MULTI-BAND (X,KU, & KA) SATCOM TERMINAL THAT WILL HAVE THE CAPABILITY OF PROVIDING BOTH COMMERCIAL AND MILITARY SATELLITE BANDWIDTH CONNECTIVITY. THIS CHANGE IS UNDER THE RAPID DEPLOYMENT CAPABILITY (RDC) PROGRAM. ALL EQUIPMENT IDS, POWER REQUIREMENTS AND WEIGHT CHANGES ARE TBD UNTIL THE CONTRACT IS AWARDED. POC: KARI ATKINS, 858-537-8621, KARI.ATKINS@NAVY.MIL

Task/Abbreviation: O-44171-198- -EC 76055 SHF WSC-6 - ACCOMP				MJC: CXSAO904	Rev Date: 2/26/2008
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No: EC 76055
Referenced Authority:	Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-198) EC 76055 SHF WSC-6 EC4R1 UPDATE, SHF WSC6/6A(V)5 EC4R1 UPDATE, NOT ACCOMPLISHED	ACCOMPLISH EC 76055 SHF WSC-6 EC4R1 UPDATE WHICH CORRECTS THREE PROBLEMS UNCOVERED WHILE INSTALLING THE ORIGINAL EC-4 (SCD CTN 622 AND 627) ON A FEW SHIPS. THESE PROBLEMS DO NOT AFFECT SYSTEM PERFORMANCE. THEY ARE: 1) A TCP SOFTWARE NUISANCE FAULT, 2) REVISED A MATERIAL ITEM AND ASSOCIATED INSTALLATION STEPS THAT WILL CHANGE AND REPLACE A DB-9 ADAPTER WITH A DB-9 NULL MODEM CABLE, AND 3) ADDED PROCEDURAL STEPS TO CHANGE THE WIRING ON UPS. EC-004 REV 1 IS REQUIRED FOR ALL APPLICABLE UNITS, REGARDLESS OF WHETHER EC-004 (REV 0) WAS PREVIOUSLY INSTALLED. POC: MICHAEL DORAN, 619-524-3624, DORANM@NOSC.MIL

Task/Abbreviation: K-44171-199- -SHIPALT LHD1-75291K - ACCOMP			MJC: CXSAK416		Rev Date: 5/6/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 75291 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44171-199) SHIPALT LHD1-75291K, ADNS INC IIA PIER CONNECTIVITY, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-75291K, WHICH INCREASES ADNS PIER CONNECTIVITY TO MATCH OR EXCEED THE AGGREGATE STACOM RADIO FREQUENCY BANDWIDTH OF UP TO 10 MBPS. CURRENTLY, ADNS INCREMENT I (AN/USQ-144B/C/G(V)) AND INCREMENT II (AN/USQ-144H(V)) SHIPS ARE SERVICED WITH EITHER COPPER OR FIBER T1 CONNECTIONS WHILE PIERSIDE. THE LATEST VERSION OF ADNS (AN/USQ-144J(V)2, SCD 476 AND AN/USQ-144J(V)4, SCD 477) DOES NOT INCLUDE THE CAPABILITY TO INCREASE THE PIER CONNECTIVITY DATA RATE ABOVE T1. THE PROPOSED CHANGE WOULD BE FIELDDED AFTER, OR CONCURRENT WITH SCD 476 AND SCD 477. THE POWER, WEIGHT AND HEAT-TO-AIR VALUES ADDED IS 88 WATTS, 55 LBS, AND 299 BTU/HR. POC: GRACE DUVALL, 858-826-5476, GRACE.C.DUVALL@SAIC.COM OR JOHN KMET, 619-524-3540, JOHN.KMET@NAVY.MIL

Task/Abbreviation: K-44171-207- -EC 76748 NESP - ACCOMP			MJC: EXSAKA82		Rev Date: 9/6/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: EC 76748
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-207) EC 76748 NESP EHF FOT N10 S/W (EC14), NESP EHF FOT N10 S/W (EC14), NOT ACCOMPLISHED AIT CAPABLE	**AIT INSTALLATION. ACCOMPLISH EC 76748 NESP EHF FOT N10 S/W (EC14) WHICH UPGRADES THE FOLLOW ON TERMINAL (FOT) ANTENNA POSITIONING UNIT (APU) CIRCUIT CARD ASSEMBLY (CCA) TO THE LATEST SOFTWARE VERSION. THIS CHANGE IS APPLICABLE TO ALL SURFACE PLATFORMS WITH AN/USC-38(V)9 FOT SYSTEMS. EHF FOT SOFTWARE N10 CORRECTS VARIOUS SOFTWARE TROUBLE REPORTS (STRS) AND PROVIDES FOR COMMUNICATIONS WITH FUTURE ADVANCED EXTREMELY HIGH FREQUENCY (AEHF) SATELLITES. POC: KARI ATKINS, 858-537-8621, KARI.ATKINS@NAVY.MIL OR CHUCK VINSON, 619-252-9617 OR 619-690-6033, CHARLES.VINSON@NAVY.MIL OR LEROY TISBY, 858-537-8620, LEROY.TISBY1.CTR@NAVY.MIL OR SAM BAKER, 858-537-0429, SAMUEL.BAKER@NAVY.MIL OR FIDELA RAQUEL, 619-524-3292, FIDELA.RAQUEL@NAVY.MIL.

Task/Abbreviation: O-44171-208- -EC 76751 NESP EHF - ACCOMP			MJC: CXSAO955		Rev Date: 6/16/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: EC 76751
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-208) EC 76751 NESP EHF TIP 2.2.6 S/W EC, NESP EHF TIP 2.2.6 S/W (EC03), NOT ACCOMPLISHED	ACCOMPLISH EC 76751 NESP EHF TIP 2.2.6 S/W EC WHICH UPGRADES THE TIME DIVISION MULTIPLE ACCESS INTERFACE PROCESSOR (TIP) TO THE LATEST SOFTWARE VERSION. IT CORRECTS VARIOUS SOFTWARE PROBLEMS FOR THE EHF TIME DIVISION MULTIPLE ACCESS INTERFACE PROCESSOR (TIP) REGARDING ADNS. IT CORRECTS/PREVENTS GROUP IP ADDRESS CONFLICTS WITH BMD AND ALLOWS FOR KIV-7M INTEROPERABILITY. POC: KARI ATKINS, 858-537-8621, KARI.ATKINS@NAVY.MIL OR CHUCK VINSON, 619-252-9617 OR 619-690-6033, CHARLES.VINSON@NAVY.MIL

Task/Abbreviation: O-44171-212- -EC 76747 NESP EHF - ACCOMP			MJC: CXSAO969		Rev Date: 6/24/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No: EC 76747
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-212) EC 76747 NESP EHF LDR/MDR M10 S/W, NESP EHF M10 S/W (EC15), NOT ACCOMPLISHED	ACCOMPLISH EC 76747 NESP EHF LDR/MDR M10 S/W WHICH UPGRADES THE LEGACY ANTENNA POSITIONING UNIT (APU) CIRCUIT CARD ASSEMBLY (CCA) TO THE LATEST SOFTWARE VERSION. EHF LEGACY SOFTWARE M10 CORRECTS VARIOUS SOFTWARE TROUBLE REPORTS (STRS) AND PROVIDES FOR COMMUNICATIONS WITH FUTURE ADVANCED EXTREMELY HIGH FREQUENCY (AEHF) SATELLITES. POC: CHUCK VINSON, 619-725-6647 OR 619-890-6033, CHARLES.VINSON@NAVY.MIL OR RALPH ROBERTSON, 619-524-7031, RALPH.ROBERTSON.CTR@NAVY.MIL OR JASON FERRIGNO, 858-537-0455, JASON.FERRIGNO@NAVY.MIL OR LEROY TISBY, 858-537-8620, LEROY.TISBY1.CTR@NAVY.MIL OR FIDELA RAQUEL, 619-524-3292, FIDELA.RAQUEL@NAVY.MIL

Task/Abbreviation: O-44171-217- -EC 76908 AN/USR-10(V)4- ACCOMP			MJC: CXSAOA18		Rev Date: 9/5/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 1	Alt No: EC 76908
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-217) EC 76908 GBS AN/USR-10(V)4,5 SPLIT - GBS USR-10(V)4,5 SPLIT IP SW, NOT ACCOMPLISHED	ACCOMPLISH EC 76908 GBS AN/USR-10(V)4,5 SPLIT WHICH ENABLES NEAR-REAL-TIME DUPLEX ASYMMETRIC COMMUNICATIONS CONNECTIVITY TO SHIPS/SUBS UNDER GLOBAL BROADCASTY SYSTEM (GBS) BEAMS BY UTILIZING THE GBS DOWNLINK FOR TO-SHIP TRAFFIC AND UTILIZING A SEPARATE RADIO FREQUENCY UPLINK VIA ADNS (WGS, DSCS, EHF, COMMERCIAL) FOR FROM-SHIP TRAFFIC. THE PLAN IS FOR THE GBS SYSTEM TO ALLOW TWO WAY COMMUNICATION, WHERE THE FORWARD TRAFFIC FLOWS OVER THE HIGH BANDWIDTH UNI-DIRECTIONAL GBS SYSTEM AND THE RETURN TRAFFIC FLOWS OVER OTHER LOWER BANDWIDTH LINKS AS DETERMINED BY ADNS. POC: DAVID BUTT, 202-264-7164, DAVID.BUTT@NGC.COM OR CHARLES "CHUCK" VINSON, 619-890-6033 OR 619-252-9617, CHARLES.VINSON@NAVY.MIL OR LEROY TISBY, 858-537-8620, LEROY.TISBY1.CTR@NAVY.MIL

Task/Abbreviation: O-44171-220- -EC 76291 GBS USR-10 - ACCOMP			MJC: CXSAOA39		Rev Date: 10/28/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No: EC 76291
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-220) EC 76291 GBS AN/USR-10(V)4,5 1GHZ, GBS USR-10(V)4,5 1GHZ LNB EC08, NOT ACCOMPLISHED	ACCOMPLISH EC 76291 GBS AN/USR-10(V)4,5 1GHZ WHICH PROVIDES FOR INSTALLATION OF THE 1-GHZ UPGRADE. THIS UPGRADE INCLUDES NEW HARDWARE AND SOFTWARE. HARDWARE CONSISTS OF A 1-GHZ KA LOW NOISE BLOCK (LNB), L-BAND BEACON RECEIVER (LBR) CIRCUIT CARD ASSEMBLY (CCA) AND VME JUMPER CCA. SOFTWARE CONSISTS OF GBS SHIPBOARD ANTENNA SYSTEM (SAS) SOFTWARE REV H WHICH INCLUDES TERMINAL CONTROL PROCESSOR (TCP) SOFTWARE AND CLIENT AND SERVER SOFTWARE. THE CURRENT 500 MHZ LNB OPERATES IN THE LOWER 500 MHZ RANGE OF THE KA FREQUENCY BAND AND IS INADEQUATE DUE TO LIMITED BANDWIDTH CAPABILITIES. THIS CHANGE WILL UPGRADE THE ANTENNA SYSTEM TO BE CAPABLE OF RECEIVING DATA OVER THE ENTIRE 1 GHZ BANDWIDTH VIA WIDEBAND GLOBAL SATELLITES (WGS). POC: DAVID BUTT, 202-264-7164, DAVID.BUTT@NGC.COM OR TRAVIS SMITH, 619-437-2684, TRAVIS.R.SMITH@NAVY.MIL OR CHARLES "CHUCK" VINSON, 619-890-6033 OR 619-252-9617, CHARLES.VINSON@NAVY.MIL OR LEROY TISBY, 858-537-8620, LEROY.TISBY1.CTR@NAVY.MIL

Task/Abbreviation: O-44171-221- -EC 77072 AN/USR-10 - ACCOMP				MJC: CXSAOA40	Rev Date: 11/18/2008
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: EC 77072
Referenced Authority:	Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-221) EC 77072 AN/USR-10(V)4,5 EC13 TECH, AN/USR-10(V)4,5 EC13 TECH REFR, NOT ACCOMPLISHED	ACCOMPLISH EC 77072 AN/USR-10(V)4,5 EC13 TECH WHICH PROVIDES A AN/USR-10(V)4,5 (EC13) TECH REFRESH. POC: DAVID BUTT, 202-264-7164, DAVID.BUTT@NGC.COM OR TRAVIS SMITH, 619-437-2684, TRAVIS.R.SMITH@NAVY.MIL

Task/Abbreviation: K-44171-228- -EC 76956 MD-1324A - ACCOMP			MJC: EXSAO282		Rev Date: 10/4/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: EC 76956
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44171-228) EC 76956 MD-1324A INT W/F (ST1), MD-1324A INT WAVEFORM EC02 UP, NOT ACCOMPLISHED	AIT ACCOMPLISH EC 76956 MD-1324A INT W/F (ST1) WHICH REPLACES THE EXISTING MD-1324A MODEMS WITH UPGRADED MD-1324A MODEMS THAT HAVE THE W/ INTEGRATED WAVEFORM (IW) AND FRONT END HARDENING AND A FLASH MEMORY INCREASE. IT ALSO UPGRADES THE VIASAT TERMINAL CONTROLLER (VTC-300) OPERATING SYSTEM TO SUPPORT IW. IW RAISES EFFECTIVENESS OF ULTRA-HIGH FREQUENCY (UHF) SPECTRUM USE - BOTH IN TERMS OF ACCESSIBILITY AND THROUGHPUT. THE REPLACEMENT MODEMS ARE UPGRADED BY THE MANUFACTURER AT THE FACTORY. UPGRADED MD-1324A MODEMS WILL HAVE AN EC2 LABEL AFFIXED TO IT TO INDICATE THE MODIFIED STATUS. POC: GEORGES GHOSN, 619-524-7254, GEORGES.GHOSN@NAVY.MIL OR JAMES GOETTELMMANN, 858-537-8883, JAMES.GOETTELMMANN@NAVY.MIL OR JON KERSHAW, 619-524-3651, JON.KERSHAW@NAVY.MIL

Task/Abbreviation: K-44171-236- -EC 78035 C-12509/USC - ACCOMP			MJC: EXSAKA86		Rev Date: 9/29/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 5	Alt No: 78035
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-236) EC 78035 C-12509/USC-38(V) CT TIP, C-12509/USC-38(V) CT TIP EC04, NOT ACCOMPLISHED AIT CAPABLE	AIT ACCOMPLISH EC 78035 C-12509/USC-38(V) CT TIP WHICH PROVIDES FOR C-12509/USC-38(V) CT TIP EC04. POC: LEROY TISBY, 858-537-8620, LEROY.TISBY1.CTR@NAVY.MIL OR FIDELA RAQUEL, 619-524-3292, FIDELA.RAQUEL@NAVY.MIL

Task/Abbreviation: O-44171-255- -EC 74337 LQOSMAN V-5.0 -ACCOMP			MJC: EXSAO351		Rev Date: 10/13/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: EC 74337
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-255) EC 74337 (SCD 4337) ADNS()(V)() LQOSMAN 5.0 IN, ADNS()(V)() LQOSMAN 5.0 INSTLL, NOT ACCOMPLISHED.	ACCOMPLISH EC 74337 (SCD 4337) WHICH INSTALLS AND DOCUMENTS ADNS LOCAL QUALITY OF SERVICE MANAGER (LQOSMAN) SOFTWARE VERSION 5.0. LQOSMAN VERSION 5.0 IS THE SOFTWARE THAT ALLOWS USERS TO CONFIGURE THE ROUTERS AND PROVIDES THE CONNECTION STATUS, UPTIME, PERCENT UTILIZATION AND PERCENT ERROR OF EACH MONITORED INTERFACE IN NEAR REAL TIME. LQOSMAN, VERSION 5.0 OFFERS ENHANCED TROUBLESHOOTING ASSISTANCE, IMPROVED MONITORING AND MANAGEMENT CAPABILITIES, CONTROL OF THE CIRCUIT EMULATION CAPABILITIES, AND MORE CUSTOMIZABLE REPORTS FOR SYSTEM PERFORMANCE. POC: LUCY GERENA, 858-537-8765, LUCIA.GERENA@NAVY.MIL OR MARGARET SOLER, 858-537-8575, MARGARET.SOLER@NAVY.MIL OR JOHN KMET, 619-524-3540, JOHN.KMET@NAVY.MIL.

Task/Abbreviation: K-44171-261- -SHIPALT 78753K - ACCOMP			MJC: EXSAK934		Rev Date: 9/19/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: 78753
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44171-261) SHIPALT 78753K 00, PEOC4I NMT AN/WSC-9(V)1, NOT ACCOMPLISHED. AIT CAPABLE.	AIT INSTALLATION. ACCOMPLISH SHIPALT DDG51-78753K WHICH INSTALLS THE NAVY MULTIBAND TERMINAL (NMT) Q/KA/X/GBS TERMINAL. THE NMT TERMINAL WILL REPLACE THE LEGACY EHF AN/USC-38(V)XX SERIES, SHF AN/WSC-6(V)X SERIES, AND GBS AND WILL PROVIDE INCREASED RELIABILITY AND THROUGHPUT TO THE USER. NMT WILL PROVIDE THE CAPABILITY TO OPERATE WITH ADVANCED EHF (AEHF), WIDEBAND GLOBAL SATCOM, MILSTAR, DEFENSE SATELLITE COMMUNICATIONS SYSTEM (DSCS) AND UHF FOLLOW-ON (UFO) SATELLITES, AND INTEROPERABILITY WITH ALLIED NATIONS. POC: DAVID ARELLANES, 843-218-4539, DAVID.ARELLANES@NAVY.MIL OR EFREN ROBLES, 619-524-7937, EFREN.ROBLES1@NAVY.MIL.

Task/Abbreviation: I-44171-277- -AN/WSC-3(V) SATCOM - MRC N2U7			MJC: CXCIDF7		Rev Date: 9/6/2011
RCM Analysis: 4/1/2010	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44171-277)THE AN/WSC-3(V) SATELLITE COMMUNICATIONS (SATCOM) REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WSC-3(V) SATELLITE COMMUNICATIONS (SATCOM) ASSESSMENT IN ACCORDANCE WITH MRC N2U7 AS FOLLOWS: 1. PERFORM VISUAL AND MATERIAL CONDITION INSPECTION. 2. PERFORM POWER SUPPLY CHECKS. 3. PERFORM TRANSMITTER TEST. 4. PERFORM RECEIVER TEST. 5. PERFORM OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-44171-282- -EC 79945 ADNS INC III - ACCOMP			MJC: EXSAO513		Rev Date: 11/16/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 0		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171- 282) ADNS INC III CONTCY MODE EC01, EC 79945 ADNS INC III CONTINGENCY, NOT ACCOMPLISHED	ACCOMPLISH EC 79945 WHICH ADDS THE CAPABILITY FOR CONNECTING THE CONTINGENCY CABLE (ALREADY INSTALLED AS PART OF SCD 3841) TO SUPPORT EHF TIP (SECRET) BY RECONFIGURING NETOPS CONNECTION AND ADDING INTERNAL CABLE TO THE ADNS CABINET. CONTINGENCY MODE INSTALLATION WILL TAKE 2-3 DAYS TO INSTALL AND TEST PER UNIT. THE CONFIGURATION CHANGES MADE DURING THIS UPGRADE WILL BE COORDINATED TO ENSURE NORMAL SHIPBOARD VOICE/DATA COMMUNICATIONS ARE NOT JEOPARDIZED AND EXISTING CAPABILITIES ARE NOT AFFECTED. THIS CHANGE IS A ROUTER TEMPLATE AND INTERNAL RACK PATCH PANEL CHANGE. NO SHIPBOARD EQUIPMENT WILL BE REMOVED DURING FIELDING. POC: LCDR PETE LASHOMB, 858-537-8782, PETE.LASHOMB@NAVY.MIL, OR JIM PATTERSON, 619-417-0446, JAMES.A.PATTERSON3@NAVY.MIL, OR MARGARET SOLER, 858-537-8575, MARGARET.SOLER@NAVY.MIL.

Task/Abbreviation: O-44171-319- -EC 78888 AN/USR-10 - ACCOMP			MJC: CXSAOAT6		Rev Date: 4/29/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: EC 78888
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-319) EC 78888 AN/USR-10(V)4,5 JIPM FC01, NOT ACCOMPLISHED	ACCOMPLISH EC 78888 AN/USR-10(V)4,5 JIPM FC01 WHICH PROVIDES HIGH SPEED, ONE WAY INFORMATION FLOW OF HIGH VOLUME DATA TO USERS ASHORE, AFLOAT OR SUPPORTING SPECIAL OPERATIONS. IT PROVIDES THE CAPABILITY OF QUICKLY DISSEMINATING LIVE VIDEO AND LARGE FILES TO VARIOUS JOINT TRAINING EXERCISES, SPECIAL ACTIVITIES, WEAPONS TARGETING, INTELLIGENCE, AND RECONNAISSANCE.. POC: Micheal Moody; e-mail: micheal.moody@navy.mil; phone: 843-218-4313.

Task/Abbreviation: K-44171-367- -SA 79922K COMSEC SERIAL CRYPTO			MJC: EXSAS009		Rev Date: 10/7/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: SCD 9922
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	SCD 79922K PEOC4I COMSEC Serial Crypto Replacement, NOT ACCOMPLISHED	IAW CJCS Notice 6510, INFORMATION ASSURANCE / CRYPTOGRAPHIC MODERNIZATION PLANNING, the SAVILLE family crypto Data Encryption Devices, (KG-84/A, KG-84C, KIV-7 FAMILY) will be replaced by the Link Encryptor Family (LEF). The KIV-7M is the first LEF device. KIV-7M is an identical functional (not form fit) replacement. The KIV-7M is a programmable and multifunctional device (2 crypto channels per device), initially programmed with four algorithms. The KIV-7M will be housed in a 4-Bay or 2-Bay (afloat) enclosure for installation in a standard 19" rack. The LEF crypto(s) is a functional replacement of the SAVILLE and General Purpose (KG-84A/C, KIV-7) Families. Tom Chilton (843.218.5764, thomas.chilton@navy.mil) will be the Technical POC. Chuck Chang (858.537.8877, chi-yu.chang@navy.mil) will be the PARM.

Task/Abbreviation: K-44171-368- -SHIPALT 79919-K ACCOMPLISH**MJC:** EXSAKA08**Rev Date:** 5/3/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:** 79919**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

AN/PYQ-14 (T-MPSS) NOT ACCOMPLISHED

THIS SCD IS SUBMITTED FOR THE INSTALLATION OF THE TACTICAL MISSION PLANNING SUBSYSTEM (T-MPSS) FOR USE WITH THE NAVY MULTIBAND TERMINAL (NMT). T-MPSS PROVIDES (EHF) AND AEHF COMMUNICATIONS PLANNING AT THE SATELLITE OPERATIONS CENTER/UNIFIED COMBATANT COMMANDER (SOC/UCC) THROUGH COMPONENT AND LOWER ECHELON LEVELS. THE T-MPSS WILL DISPLAY COMMUNICATIONS ASSET MONITORING SYSTEM DATA AND PROVIDE THE CAPABILITY TO ANALYZE SYSTEM PERFORMANCE TRENDS. THE T-MPSS WILL ALSO PROVIDE COMMUNICATIONS SECURITY (COMSEC) AND TRANSMISSION SECURITY (TRANSEC) KEY PLANNING AND GENERATE KEY REQUESTS. A TOTAL OF (48) T-MPSS RUGGEDIZED LAPTOP COMPUTERS WILL BE FIELDDED BEGINNING IN FY12. T-MPSS IS PLANNED TO BE FIELDDED ON ALL FORCE LEVEL SHIPS (LHA/LHD/CVN), AT MAJOR SHORE COMMUNICATIONS STATIONS, AT NUMBERED FLEET COMMANDS, AND AT UNIFIED/SPECIFIED COMMANDS. (3) T-MPSS LAPTOPS WILL BE INSTALLED FOR TRAINING AND FOR SYSTEMS INTEGRATION AND TESTING. PARM POC IS EFREN ROBLES, FREN.ROBLES1@NAVY.MIL, (619)524-7937. TECH POC IS DAVID ARELLANES, ID.ARELLANES@NAVY.MIL , (843) 218-4539.

Task/Abbreviation: K-44171-370- -SHIPALT LHD-78167K - ACCOMP**MJC:** EXSAKAM9**Rev Date:** 9/7/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0 **Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:** 78167**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-44171-370) SHIPALT LHD-78167K PEOC4I GBS
AN/USR-10A(V)4, 5, NOT ACCOMPLISHED.

ACCOMPLISH SHIPALT LHD-78167K WHICH IDENTIFIES A NOMENCLATURE CHANGE AND TECH REFRESH FOR SHIPS ALREADY INSTALLED WITH THE GLOBAL BROADCAST SYSTEM (GBS). NOMENCLATURE CHANGED TO AN/USR-10A(V)4,5 FROM AN/USR-10(V)4,5. 1. THE PREVIOUSLY APPROVED AND INSTALLED SCDS: SCD 286 (SHIP MOD), SCD 6291 (EC-8), SCD 6908 (EC-9), AND SCD 5352 (EC-10) ALONG WITH A TECH REFRESH (DESCRIBE BELOW) ARE INCORPORATED INTO THIS SHIP CHANGE. 2. IT REPLACES COTS COMPONENTS WITHIN THE UNITS CONTAINED IN THE GBS RACK. THERE ARE NO MODIFICATIONS OR EXTERNAL CABLE CHANGES TO THE GBS RACK AND NO MODIFICATIONS TO THE UNITS WITHIN THE GBS RACK. THE COMPONENTS TO BE REMOVED AND THE UPDATED COMPONENTS TO BE INSTALLED ARE: A. AMINO 103 WILL BE REMOVED AND REPLACED WITH AMINO 125 (UNITS 4 & 5); B. CS100 COMPUTER WILL BE REMOVED AND REPLACED WITH NEW CS100 COMPUTER (UNITS 4 & 5); C. SMC 6624M SWITCH WILL BE REMOVED AND REPLACED WITH 3COM SWITCH (UNITS 4 & 5). 3. RECEIVE BROADCAST MANAGER (RBM) SOFTWARE VERSION 5.0 (OR LATER) WILL BE INSTALLED. POC: KARI ATKINS, 858-537-8621, KARI.ATKINS@NAVY.MIL.

Task/Abbreviation: K-44171-373- -SCD 79277 C-12509/USC-38- ACC				MJC: EXSAKAO3	Rev Date: 9/22/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 5	Alt No: 79277
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	SCD 79277K C-12509/USC-38(V) TIP THINLINE , NOT ACCOMPLISHED	AIT ACCOMPLISH SCD 79277K C-12509/USC-38(V) TIP THINLINE WHICH ADDS SECOND EHF TIP (TDMA INTERFACE PROCESSOR) CAPABILITY TO PROVIDE INTER-STRIKE GROUP GATEWAY. PARM - JOLIE HOFFMAN, 619-524-7720, JOLIE.HOFFMAN@NAVY.MIL TECHNICAL POC - JASON FERRIGNO, 858-537-8644, JASON.FERRIGNO@NAVY.MIL

Task/Abbreviation: I-44181-003- -AN/URQ-23 - MRC DNH5			MJC: OXECI035		Rev Date: 7/7/2011
RCM Analysis: 3/1/2010	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 45	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44181-003)AN/URQ-23 FREQUENCY STANDARD REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/URQ-23() FREQUENCY STANDARD ASSESSMENT IN ACCORDANCE WITH MRC DNH5 AS FOLLOWS: 1. TEST OPERATE FREQUENCY TIME STANDARD AN/URQ-23. 2. TEST FREQUENCY TIME STANDARD AUTOMATIC POWER SWITCHOVER FUNCTIONS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8 SERIES.

Task/Abbreviation: I-44181-006- -AM-2123() FREQ AMP - MRC DLB9			MJC: CXECI239		Rev Date: 10/5/2010					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 4	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44181-006)THE AM-2123() RADIO FREQUENCY AMPLIFIER REQUIRES ASSESSMENT.	ACCOMPLISH THE AM-2123() RADIO FREQUENCY AMPLIFIER ASSESSMENT IN ACCORDANCE WITH MRC DLB9 AS FOLLOWS: 1. MEASURE AM-2123()(V)/U AMPLIFIER CHANNEL OUTPUTS. 2. TEST AM-2123()(V)/U AMPLIFIER AUTOMATIC POWER SWITCHOVER FUNCTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44181-007- -AN/SSQ-88() QMS - MRC DJP0**MJC:** CXECI240**Rev Date:** 7/23/2005**RCM Analysis:** 2/7/2005**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:(I-44181-007)THE AN/SSQ-88() QUALITY
MONITORING SET REQUIRES ASSESSMENT.**Recommended Solution:**

ACCOMPLISH THE AN/SSQ-88() QUALITY MONITORING SET ASSESSMENT IN ACCORDANCE WITH MRC DJP0 AS FOLLOWS: 1. TEST FUNCTIONAL OPERATION OF TELEGRAPH TEST SET (DT-2002-08). 2. TEST FUNCTIONAL OPERATION OF OSCILLOSCOPE (HP 180D). 3. TEST FUNCTIONAL OPERATION OF OSCILLOSCOPE (HP 1980B). 4. TEST FUNCTIONAL OPERATION OF OSCILLOSCOPE (HP 54200A). 5. CALIBRATE SPECTRUM ANALYZER (HP 8568A/B). 6. TEST FUNCTIONAL OPERATION OF TRACKING GENERATOR (HP 8444A). 7. MEASURE AC VOLTMETER (HP 400EL) WIDEBAND OUTPUT DC LEVEL. 8. TEST FUNCTIONAL OPERATION OF SIGNAL GENERATOR (HP 8640B). 9. TEST FUNCTIONAL OPERATION AND CALIBRATION OF SPECTRUM ANALYZER (HP 71100C). 10. TEST FUNCTIONAL OPERATION OF DIGITAL MULTIMETER (HP 34401A). 11. TEST FUNCTIONAL OPERATION OF SIGNAL GENERATOR (HP 8643A). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44181-008- -AN/SSQ-88() QMS - MRC DJQ2			MJC: CXECI241		Rev Date: 7/23/2005					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44181-008)THE AN/SSQ-88() QUALITY MONITORING SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SSQ-88() QUALITY MONITORING SET ASSESSMENT IN ACCORDANCE WITH MRC DJQ2 AS FOLLOWS: 1. ANALYZE AN/SSQ-88, 88A, 88B ANTENNA SYSTEM. 2. ANALYZE AN/SSQ-88C ANTENNA SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44181-009- -RD-674B/UNH RCDR - MRC N4T6			MJC: CXECIAE4		Rev Date: 10/5/2010
RCM Analysis: 3/7/2005	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 0		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44181-009)THE RD-674B/UNH RECORDER-REPRODUCER REQUIRES ASSESSMENT.	ACCOMPLISH THE RD-674B/UNH RECORDER-REPRODUCER ASSESSMENT IN ACCORDANCE WITH MRC N4T6 AS FOLLOWS: 1. PERFORM PHYSICAL INSPECTION. 2. PERFORM OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-44191-002- -ON-143 INTCON GP - REPL/TST				MJC: CEXECQ027		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 90		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-44191-002)ON-143(V)()/USQ INTERCONNECTING GROUP REQUIRES REPLACEMENT				REPLACE AND TEST THE ON-143(V)()/USQ INTERCONNECTING GROUP PER CONDITION ASSESSMENT RECOMMENDATIONS.					

Task/Abbreviation: Q-44191-003- -TT-624 TPR - REPL/TST				MJC: CEXECQ028		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 135		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-44191-003)TT-624()(V)/UG TELEPRINTER REQUIRES REPLACEMENT				REPLACE AND TEST THE TT-624()(V)/UG TELEPRINTER PER CONDITION ASSESSMENT RECOMMENDATIONS.					

Task/Abbreviation: I-44191-017- -RD-397 - INSP/TST			MJC: OXECI038		Rev Date: 7/21/2003
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 45	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44191-017)RD-397() RECORDER/REPRODUCER REQUIRES INSPECTION.	INSPECT AND TEST RD-397() RECORDER/REPRODUCER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44191-027- -AN/SYQ-26 NAVMACS - MRC A2T0			MJC: CEXECICL8		Rev Date: 11/8/2010					
RCM Analysis: 6/22/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44191-027)THE AN/SYQ-26(V) NAVMACS II REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SYQ-26(V) NAVMACS II ASSESSMENT IN ACCORDANCE WITH MRC A2T0 AS FOLLOWS: 1. PERFORM OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-44191-029- -SHIPALT LHD1-03134.2K - ACCOMP			MJC: CXSAK100		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 69,188	ManDays: 602	Alt No: SALHD 03134.2K	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44191-29) SHIPALT LHD1-3134.2K, NAVMACS II/SMS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-3134.2K WHICH PROVIDES THE TACTICAL USER WITH SHIP/SHORE AND INTER/INTRA BATTLE GROUP MESSAGING CAPABILITIES VIA LEGACY (AUTODIN) STOVEPIPE CIRCUITS, AND HIGH SPEED GLOBAL MESSAGING VIA IT-21 IP NETWORKS. NMII / SMS UTILIZES HARDWARE FOR SHIPBOARD MESSAGE DISSEMINATION AND TRANSFER VIA CLASSIFIED AND UNCLASSIFIED USER ENCLAVES. WAN MESSAGING VIA IT-21 INCLUDES SIMPLE MAIL TRANSFER PROTOCOL(SMTP) E-MAIL AND X.400 DEFENSE MESSAGING SYSTEM (DMS) E-MAIL. NMII/SMS WILL CO-HOST SOFTWARE APPLICATIONS TO PROVIDE MAXIMUM SPACE EFFICIENCY. NMII/SMS REPLACES AN/SYQ-7(V), AN/SYQ-7A(V), AN/SYQ-7B(V) AND AN/SYQ-26(V)1 SYSTEMS WITH STATE-OF-THE-ART TECHNOLOGY AS PART OF THE IT-21 CONCEPT.

Task/Abbreviation: O-44191-031- -SWD JSIPS-N 5.0 - ACCOMP			MJC: CXSAO253		Rev Date: 6/1/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD JSIPS-N5.0
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44191-31) SWD JSIPS-N 5.0 SW UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SWD JSIPS-N 5.0 AN/SYQ-23 SW UPGRADE, WHICH UPGRADE SHIPBOARD PTW AND PROVIDE ACCELERATED STEREO WORKSTATION CAPABILITIES, SPF INTERFACE UPGRADE, SOURCE SELECTION ENHANCEMENTS, AND INTEGRATION OF THE TPG INTO PTW.

Task/Abbreviation: A-44312-003- -AER LHD1-01098 - ACCOMP			MJC: EXTYA122		Rev Date: 3/7/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: TYLHD 01098
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-44312-3) TYCOM AUTHORIZED ALTERATION	ACCOMPLISH AER LHD1-01098E "REPLACE AIR HORNS WITH ELECTRIC PISTON HORNS" WHICH REPLACES EXISTING AIR HORNS WITH KAHLENBERG TRITON MODEL S-120, 220/440 VAC PISTON TYPE MARINE ELECTRIC HORNS. THE EXISTING AIR HORNS ARE NO LONGER COST EFFECTIVE TO MAINTAIN.

Task/Abbreviation: I-44511-016- -TT-624()(V)() - MRC A1A8			MJC: CEXECIBI1		Rev Date: 6/7/2007					
RCM Analysis: 12/4/2006		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44511-016)THE TT-624, 624A,B,C,D(V)1 - (V)9/UG TELEPRINTER REQUIRES ASSESSMENT.	ACCOMPLISH THE TT-624, 624A,B,C,D(V)1 - (V)9/UG TELEPRINTER ASSESSMENT IN ACCORDANCE WITH MRC A1A8 AS FOLLOWS: 1. PERFORM AN/UYK-43 TO TT-624(V) PROGRAMMED OPERATIONAL FUNCTIONAL APPRAISAL (POFA). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44511-019- -NAVY ORDER WIRE - MRC A1G7			MJC: CEXECIC10		Rev Date: 10/3/2010
RCM Analysis: 8/2/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44511-019)THE NAVY ORDER WIRE (NOW) TERMINAL REQUIRES ASSESSMENT.	ACCOMPLISH THE NAVY ORDER WIRE (NOW) TERMINAL ASSESSMENT IN ACCORDANCE WITH MRC A1G7 AS FOLLOWS: 1. INSPECT NAVY ORDER WIRE (NOW) TERMINAL. 2. PERFORM OPERATIONAL TEST OF NOW TERMINAL. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44511-021- -TT-624()(V)() (JRMC)- ASSESS			MJC: CXECICW7		Rev Date: 3/11/2008
RCM Analysis: 12/4/2006	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44511-021)THE TT-624, 624A,B,C,D(V)1 - (V)9/UG TELEPRINTER REQUIRES ASSESSMENT. THIS ASSESSMENT PROCEDURE HAS BEEN WRITTEN FOR USE BY OFF SHIP MATERIAL CONDITION ASSESSMENT TEAMS AND IS NOT INTENDED FOR SHIPS'S FORCE ACCOMPLISHMENT.	ACCOMPLISH THE TT-624, 624A,B,C,D(V)1 - (V)9/UG TELEPRINTER ASSESSMENT IN ACCORDANCE WITH MIP 4451/800 USING THE FOLLOWING MRC: A1A7 AND A1A8. PROVIDE CONDITION REPORT TO MAINTTEAM AND ANY REQUIRED REPAIR JOBS FOR SRA WILL BE SUBMITTED WITH NEW JSNS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

Task/Abbreviation: I-44611-002- -TSEC/KY-58 - MRC A1C0			MJC: EXECICZ9		Rev Date: 11/4/2010					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44611-002)THE TSEC/KY-58 REQUIRES ASSESSMENT.	ACCOMPLISH THE TSEC/KY-58 ASSESSMENT IN ACCORDANCE WITH MRC A1C0 AS FOLLOWS: 1. INSPECT TSEC/KY-58, FILL CONNECTOR, AND PERFORM BATTERY TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44611-003- -TSEC/KY-58 - MRC A1C1			MJC: EXECIDA2		Rev Date: 11/4/2010					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44611-003)THE TSEC/KY-58 REQUIRES ASSESSMENT.	ACCOMPLISH THE TSEC/KY-58 ASSESSMENT IN ACCORDANCE WITH MRC A1C1 AS FOLLOWS: 1. PERFORM IMPEDANCE CHECKS ON HYX-58 INPUT POWER FILTERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44611-004- -TSEC/KY-58 - MRC A1C2			MJC: EXECIDA3		Rev Date: 11/4/2010					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44611-004)THE TSEC/KY-58 REQUIRES ASSESSMENT.	ACCOMPLISH THE TSEC/KY-58 ASSESSMENT IN ACCORDANCE WITH MRC A1C2 AS FOLLOWS: 1. PERFORM KY-58/HYX-58 OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44613-002- -TSEC/KG-84, 84A, 84C- MRC A1A9**MJC:** CXECIAG0**Rev Date:** 9/15/2010**RCM Analysis:** 12/4/2006**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-44613-002)THE TSEC/KG-84, TSEC/KG-84A,
TSEC/KG-84C REQUIRES ASSESSMENT.ACCOMPLISH THE TSEC/KG-84, TSEC/KG-84A, TSEC/KG-84C
ASSESSMENT IN ACCORDANCE WITH MRC A1A9 AS FOLLOWS: 1.
INSPECT AND TEST FILL CONNECTOR. 2. TEST BATTERY VOLTAGE.
REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: I-44613-006- -TSEC/KWR-46 - MRC A2E9			MJC: CEXECIC11		Rev Date: 11/5/2010					
RCM Analysis: 12/4/2006		Scheduled: N		Sit Reqs:		Qty: 10	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44613-006)THE TSEC/KWR-46 REQUIRES ASSESSMENT.	ACCOMPLISH THE TSEC/KWR-46 ASSESSMENT IN ACCORDANCE WITH MRC A2E9 AS FOLLOWS: 1. TEST BATTERY VOLTAGE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44613-008- -TSEC/KWR-46 - MRC A2F1**MJC:** CXCIC13**Rev Date:** 11/5/2010**RCM Analysis:** 12/4/2006**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-44613-008)THE TSEC/KWR-46 REQUIRES ASSESSMENT.

ACCOMPLISH THE TSEC/KWR-46 ASSESSMENT IN ACCORDANCE WITH MRC A2F1 AS FOLLOWS: 1. TEST OPERATION OF "N" (BROADCAST RECEIVE) GENSER SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-44613-009- -FC 71696 UYQ-95 FC01 - ACCOMP			MJC: CXSAO216		Rev Date: 8/11/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: FC 71696 UYQ95
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44613-9) FC 71696 AN/UYQ-95(V)3 FC-01, EKMS PHASE 5 HARDWARE UPGD, NOT ACCOMPLISHED.	ACCOMPLISH FC 71696 AN/UYQ-95(V)3 FC-01 WHICH REFRESHES THE EKMS SYSTEM HARDWARE. THE NEW CONFIGURATION WILL ALLOW MORE ROBUST PERFORMANCE OF THE AN/UYQ-95(V)3 EKMS PHASE 5 BASELINE AND THEREBY IMPROVE PLATFORM AND COMMUNICATIONS PERFORMANCE. POC: JIM RICKARD, 619-508-1132, JAMES.RICKARD@NAVY.MIL OR BARBARA EDWARDS, 858-537-8774, BARBARA.EDWARDS@NAVY.MIL OR VALERIE CHAPMAN, 858-537-0567, VALERIE.CHAPMAN@NAVY.MIL

Task/Abbreviation: O-44613-011- -EC 71703 UYQ-95(V)3 - ACCOMP			MJC: CXSAO407		Rev Date: 9/28/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: EC 71703 UYQ95
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44613-11) EC 71703 AN/UYQ-95(V)3 PHASE 5 SW, EKMS PHASE 5 SW UPGD, NOT ACCOMPLISHED.	ACCOMPLISH EC 71703 AN/UYQ-95(V)3 PHASE 5 SW WHICH IS A SOFTWARE ECO TO BE ACCOMPLISHED IN CONJUNCTION WITH EKMS FC-001. THE CURRENTLY FIELDDED EKMS HARDWARE AND SOFTWARE ARE OBSOLETE AND NEED TO BE UPDATED TO ENHANCE OVERALL PERFORMANCE. THIS SOFTWARE UPGRADE WILL SIGNIFICANTLY ENHANCE THE EKMS PERFORMANCE CAPABILITY. POC: JAY REED, 858-537-0277, JAY.REED1@NAVY.MIL OR MICHAEL DAVIS, 619-524-7231, MICHAEL.D.DAVIS@NAVY.MIL OR BARBARA EDWARDS, 858-537-8774, BARBARA.EDWARDS@NAVY.MIL OR VALERIE CHAPMAN, 858-537-0567, VALERIE.CHAPMAN@NAVY.MIL OR MICHAEL D. DAVIS, 619-524-7231, MICHAEL.D.DAVIS@NAVY.MIL

Task/Abbreviation: K-44613-016- -EC 77996K EKMS UPGRADE ACCOMP			MJC: EXSAO542		Rev Date: 10/7/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 2	Alt No: EC 77996
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44613-16) EC 77996 K EKMS PHASE 5 (EC02) UPGRADE, NOT ACCOMPLISHED	AIT-ACCOMPLISH EC 77996 EKMS PHASE 5 (EC02) UPGRAD WHICH UPGRADES NSAS LOCAL COMSEC MANAGEMENT SYSTEM (LCMS) 4.0.3.2 TO LCMS 5.1.05. ADDS NSAS COMMON USER APPLICATION SOFTWARE 5.1 AND CARD LOADER USER APPLICATION SOFTWARE 5.0. DELIVERY IS VIA A LARGER CAPACITY HARD DRIVE. THIS EKMS UPGRADE WILL PROVIDE SIGNIFICANTLY FASTER AND MORE EFFICIENT ORDERING, RECEIVING, GENERATING, STORING AND ACCOUNTING FOR CRYPTOGRAPHIC KEYING MATERIAL THROUGHOUT THE DON ON THE NEW PENTIUM 4 PLATFORMS. LCMS 4.0.3.2 IS THE CURRENT BASELINE SOFTWARE. NEW SOFTWARE WILL BE FIELDIED TO ALL DON EKMS ACCOUNTS IN CONJUNCTION WITH/OR FOLLOW ON TO THE SCDS 1696 & 1703. POC: CHAD KEMP, SSC ATLANTIC 58290CK, CHAD.KEMP@NAVY.MIL, (843) 364-4691 OR VALERIE CHAPMAN, 858-537-0567, VALERIE.CHAPMAN@NAVY.MIL OR SCOTT A. MCCARDLE, 619-524-7337, SCOTT.MCCARDLE@NAVY.MIL OR JOSE MEDELLIN, 858-537-0556, JOSE.MEDELLIN@NAVY.MIL.

Task/Abbreviation: I-44614-011- -AN/USC-43 ANDVT - MRC A1B8			MJC: CXECIAG4		Rev Date: 10/5/2010
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44614-011)THE AN/USC-43 ADVANCED NARROWBAND DIGITAL VOICE TERMINAL (ANDVT) REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/USC-43 ADVANCED NARROWBAND DIGITAL VOICE TERMINAL (ANDVT) ASSESSMENT IN ACCORDANCE WITH MRC A1B8 AS FOLLOWS: 1. PERFORM AN/USC-43 OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-44614-012- -AN/USC-43 ANDVT - MRC A1B9**MJC:** CXECIAG5**Rev Date:** 10/5/2010**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-44614-012)THE AN/USC-43 ADVANCED
NARROWBAND DIGITAL VOICE TERMINAL (ANDVT)
REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/USC-43 ADVANCED NARROWBAND DIGITAL
VOICE TERMINAL (ANDVT) ASSESSMENT IN ACCORDANCE WITH MRC
A1B9 AS FOLLOWS: 1. PERFORM PHYSICAL INSPECTION OF
ADVANCED NARROWBAND DIGITAL VOICE TERMINAL (ANDVT)
SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: I-44614-018- -SA-2112 SW MATRIX - MRC FH76				MJC: CXECIAH1		Rev Date: 10/27/2010					
RCM Analysis: 10/23/2006		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44614-018)THE SA-2112(V)3,4,5,6,8/STQ SWITCHING MATRIX REQUIRES ASSESSMENT.	ACCOMPLISH THE SA-2112(V)3,4,5,6,8/STQ SWITCHING MATRIX ASSESSMENT IN ACCORDANCE WITH MRC FH76 AS FOLLOWS: 1. CYCLE SVS BATTERY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-44614-027- -SHIPALT LHD1-71717K - ACCOMP			MJC: EXSAK748		Rev Date: 5/16/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 71717 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44614-27) SHIPALT LHD1-71717K, PEOC4I COMSEC:KIV-7M/KIV-19M C, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71717K WHICH REPLACE WALBURN / TED FAMILY CRYPTO DEVICES (KG-94/A, KG-194/A, KIV-19/A, KG-95, & KG-81) WITH THE LINK ENCRYPTOR FAMILY (LEF) (KIV-7M AND / OR KIV-19M), AN IDENTICAL FUNCTIONAL (NOT FORM FIT) REPLACEMENT. THE KIV-7M AND KIV-19M ARE PROGRAMMABLE AND MULTIFUNCTIONAL DEVICES (2 CRYPTO CHANNELS PER DEVICE), INITIALLY PROGRAMMED WITH FOUR ALGORITHMS. THE KIV-7M OR KIV-19M WILL BE HOUSED IN 2-BAY (ASHORE) OR 4-BAY (AFLOAT) ENCLOSURES FOR INSTALLATION IN A STANDARD 19" RACK. THE LEF CRYPTO(S) IS A FUNCTIONAL REPLACEMENT OF THE WALBURN AND GENERAL PURPOSE (GP) (KG-84A/C, KIV-7) FAMILIES. PENDING A MODIFICATION TO THE MULTI-CIRCUIT PATCH PANEL (MCPPE), LEF WILL BE CAPABLE OF INTERFACING WITH OTHER SYSTEMS. POC, CARL ATKINS, 858-537-8621, CARL.ATKINS@NAVY.MIL.

Task/Abbreviation: K-44615-014- -EC 78833 CND-OSE V1.1- ACCOMP			MJC: EXSAO359		Rev Date: 6/16/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: EC 78833
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44615-14) EC 78833K CND-OSE V1.1, CND-OSE V1.1 (EC9), NOT ACCOMPLISHED	ACCOMPLISH EC 78833K CND-OSE V1.1 COMPUTER NETWORK DEFENSE OPERATING SYSTEM ENVIRONMENT (CND-OSE) V1.1 WHICH WILL UPDATE HOST BASED SECURITY SYSTEM (HBSS) TO ITS NEXT VERSION OF 3.0. HBSS 3.0 WILL REPLACE THE SECURITY COMPLIANCE PROFILER (SCP) MODULE WITH THE POLICY AUDITOR (PA) MODULE, AS WELL AS UPDATE THE ROGUE SENSOR DETECTION (RSD) MODULE AND ASSET MODULE. THE MANAGEMENT INTERFACE WILL CHANGE FROM CLIENT BASED JAVA SOFTWARE TO A WEB INTERFACE LOCATED ON THE EPO SERVER. POC: BOB BARKSDALE, 619-524-7164, ROBERT.BARKSDALE@NAVY.MIL OR BOBBY BAKER, 619-524-7882, BOBBY.L.BAKER.CTR@NAVY.MIL OR VINCE BURBAGE, 619-524-7829, VINCE.BURBAGE@NAVY.MIL.

Task/Abbreviation: I-45011-013- -SB-4229 RADAR SWBD-MRC N1B5			MJC: CXECI349		Rev Date: 3/5/2010
RCM Analysis: 6/7/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45011-013)THE SB-4229/SP RADAR SIGNAL DISTRIBUTION GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE SB-4229/SP RADAR SIGNAL DISTRIBUTION GROUP ASSESSMENT IN ACCORDANCE WITH MRC N1B5 AS FOLLOWS: 1. PERFORM RADAR SIGNAL DISTRIBUTION SWITCHBOARD INSPECTION AND OPERATIONAL CHECKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45011-014- -AM-7115, 6/UP AMP - MRC N1B6			MJC: CXECI350		Rev Date: 3/5/2010
RCM Analysis: 6/7/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45011-014)THE AM-7115, 6/UP VIDEO/TRIGGER AMPLIFIER REQUIRES ASSESSMENT.	ACCOMPLISH THE AM-7115, 6/UP VIDEO/TRIGGER AMPLIFIER ASSESSMENT IN ACCORDANCE WITH MRC N1B6 AS FOLLOWS: 1. PERFORM ADDITIONAL VIDEO/TRIGGER AMPLIFIER INSPECTION AND OPERATIONAL CHECKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45011-017- -AN/SPA-25G IND - MRC EKN1			MJC: CXECI353		Rev Date: 3/5/2010					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45011-017)THE AN/SPA-25G INDICATOR GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPA-25G INDICATOR GROUP ASSESSMENT IN ACCORDANCE WITH MRC EKN1 AS FOLLOWS: 1. TEST OPERATE AN/SPA-25G INDICATOR GROUP. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45011-018- -AN/SPA-25G IND - MRC EKN2			MJC: CXECI354		Rev Date: 3/5/2010
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45011-018)THE AN/SPA-25G INDICATOR GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPA-25G INDICATOR GROUP ASSESSMENT IN ACCORDANCE WITH MRC EKN2 AS FOLLOWS: 1. TEST AN/SPA-25G INDICATOR GROUP OPERATING PARAMETERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45011-022- -CV-3989/SP - MRC N1B8			MJC: CXECI358		Rev Date: 3/5/2010
RCM Analysis: 6/7/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45011-022)THE CV-3989/SP SIGNAL DATA CONVERTER GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE CV-3989/SP SIGNAL DATA CONVERTER GROUP ASSESSMENT IN ACCORDANCE WITH MRC N1B8 AS FOLLOWS: 1. INSPECT CV-3989/SP DATA CONVERTER AND PERFORM OPERATIONAL CHECK. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45011-024- -AN/SPA-25G IND - MRC N1B9			MJC: CXCIBW4		Rev Date: 3/5/2010
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45011-024)THE AN/SPA-25G INDICATOR GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPA-25G INDICATOR GROUP ASSESSMENT IN ACCORDANCE WITH MRC N1B9 AS FOLLOWS: 1. INSPECT AN/SPA-25G INDICATOR GROUP AND PERFORM OPERATIONAL CHECKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45011-025- -CV-3989(V)1/SP - MRC N1B7			MJC: CEXECICM0		Rev Date: 3/5/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45011-025)THE CV-3989(V)1/SP CONVERTER GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE CV-3989(V)1/SP CONVERTER GROUP ASSESSMENT IN ACCORDANCE WITH MRC N1B7 AS FOLLOWS: 1. PERFORM INSPECTION AND OPERATIONAL CHECK OF CV-3989(V)1/SP CONVERTER GROUP. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-45167-002- -AN/SPS-67(V)() RDR SET-RPR/TST				MJC: CXECQ037		Rev Date: 11/25/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,350		ManDays: 30		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-45167-002)RADAR SET REQUIRES REPAIR				REPAIR THE AN/SPS-67() RADAR SET (LESS ANTENNA AND PEDESTAL) PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.					

Task/Abbreviation: Q-45167-006- -AN/SPS-67(V)() RDR WG - RPR				MJC: CXECQ099		Rev Date: 11/25/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 360		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-45167-006)WAVEGUIDE REQUIRES REPAIR				REPAIR THE AN/SPS-67() RADAR WAVEGUIDE PER CONDITION ASSESSMENT RECOMMENDATIONS.					

Task/Abbreviation: I-45167-007- -AN/SPS-67(V)1 - MRC N1P3			MJC: EXECIB50		Rev Date: 12/29/2009					
RCM Analysis: 10/23/2006		Scheduled: Y		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45167-007)THE AN/SPS-67(V)1 SURFACE SEARCH RADAR SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-67(V)1 SURFACE SEARCH RADAR SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC N1P3 AS FOLLOWS: 1. INSPECT AS-936()/SPS-10B ANTENNA SYSTEM. 2. INSPECT AN/SPS-67(V)1 RADAR UNITS. 3. PERFORM AN/SPS-67(V)1 OPERATIONAL TESTS. 4. TEST AN/SPS-67(V)1 OPERATOR CONTROLS. 5. MEASURE AN/SPS-67(V)() OUTPUT POWER AND VSWR. 6. MEASURE AN/SPS-67(V)() RECEIVER MDS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-45167-019- -FC 70389 AN/SPS-67(V)3- ACCOMP			MJC: CXSAO419		Rev Date: 11/30/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: FC 70389
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45167-19) FC 70389 AN/SPS-67(V)3, REG. HIGH VOLTAGE POWER SUPPLY, NOT ACCOMPLISHED	ACCOMPLISH FC 70389 AN/SPS-67(V)3 WHICH IPROVIDES A REGULATED HIGH VOLTAGE POWER SUPPLY FOR THE AN/SPS-67 AND IS A MAIL OUT REPLACEMENT PART FOR THE CURRENT (V)1 AND (V)3 RADAR. KIT WILL BE MAILED OUT IN ACCORDANCE WITH NAVAL POLICY. POC: THOMAS DIN, 202-781-0540, THOMAS.DIN@NAVY.MIL.

Task/Abbreviation: K-45173-002- -SHIPALT LHD1-00252K - ACCOMP			MJC: EXSAK594		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 25,000	ManDays: 50	Alt No: SALHD 00252 K	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45173-2) SHIPALT LHD1-00252K, AN/SPS-73(V)12 SURF NAV RADAR, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00252K WHICH REPLACES THE AN/SPS-64(V)9, THE LN-66, AND THE CLASS B2 NAVIGATION RADARS WITH THE NEW AN/SPS-73(V)12 SURFACE SEARCH/NAVIGATION RADAR WHICH UTILIZES CURRENT COMMERCIAL-OF-THE-SHELF (COTS) TECHNOLOGY.

Task/Abbreviation: Q-45173-004- -AN/SPS-73 ANT - REPL/TST			MJC: EXECQBC0		Rev Date: 5/7/2003
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 60	Equip/Task: 1	Matl Cost: 8,500	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-45173-004)RADAR ANTENNA AND PEDESTAL REQUIRES REPLACEMENT	CONTACT RADAR RESTORATION PROGRAM OFFICE (PEO/IWS) GARY MASON AT (202) 781-1194 OR (812) 854-3356 TO COORDINATE REPLACEMENT OF AN/SPS-73() RADAR ANTENNA AND PEDESTAL. PROVIDE CRANE AND RIGGING SERVICES TO REMOVE EXISTING AND INSTALL REPLACEMENT RADAR ANTENNA AND PEDESTAL. NOTE: CHANGE OUT OF ANTENNA AND PEDESTAL MUST BE ACCOMPLISHED WITH COORDINATION OF THE LOCAL REGIONAL MAINTENANCE CENTER (RMC) AND IS NOT TO BE ACCOMPLISHED DURING SHIPYARD AVAILABILITIES.

Task/Abbreviation: Q-45173-005- -AN/SPS-73 RDR SET - RPR/TST				MJC: EXECQBC1		Rev Date: 8/22/2002					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 5,000		ManDays: 30		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-45173-005)RADAR SET REQUIRES REPAIR				REPAIR THE AN/SPS-73() RADAR SET (LESS ANTENNA) PER CONDITION ASSESSMENT RECOMMENDATIONS. ACCOMPLISH AN OPERATIONAL TEST IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUALS.					

Task/Abbreviation: I-45173-014- -AN/SPS-73(V)12 - MRC FTJU			MJC: EXECIB60		Rev Date: 12/29/2009
RCM Analysis: 10/23/2006	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45173-014)THE NAVIGATION RADAR REQUIRES ASSESSMENT.	ACCOMPLISH THE NAVIGATION RADAR ASSESSMENT IN ACCORDANCE WITH MRC FTJU AS FOLLOWS: 1. TEST AN/SPS-73(V)12 SYSTEM PERFORMANCE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45173-015- -AN/SPS-73(V) - MRC FJG7			MJC: EXECIB61		Rev Date: 12/29/2009
RCM Analysis: 10/23/2006	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45173-015)THE SURFACE SEARCH RADAR REQUIRES ASSESSMENT.	ACCOMPLISH THE SURFACE SEARCH RADAR ASSESSMENT IN ACCORDANCE WITH MRC FJG7 AS FOLLOWS: 1. TEST AN/SPS-73(V)12 UPS BATTERY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-45173-021- -SCD 3156 - ACCOMP			MJC: CXSAS003		Rev Date: 11/13/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost: 175,000	ManDays: 1778	Alt No: SCD 3156
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45173-21) SCD 3156, AN/SPS-73(V)12 SURFACE NAVIGATION RADAR IN LHD CLASS, NOT ACCOMPLISHED	ACCOMPLISH SCD 3156 WHICH CONVERTS LEGACY SHIPALT LHD 0001-00252K AND 03013K INTO AN SCD. SHIPALT LHD 0001-00252K AND LHD 0001-03013K EACH REPLACE AN/SPS-64(V)9 WITH A DUAL AN/SPS-73(V)12 AS THE PRIMARY NAVIGATION RADAR. SHIPALT LHD 0001-03013K IS INSTALLED IN TWO INCREMENTS: 03013.01K REPLACES THE AN/SPS-64(V)9, WHICH INCLUDES ANTENNA INSTALLATION ON THE FORWARD MAST AND 03013.02K INSTALLS THE AN/SPS-73(V)12 AFT SYSTEM. IN PRIOR YEARS SHIPALT 00252K DUAL INSTALLATION WAS ACCOMPLISHED IN LHD 0001 AND LHD 0003 AND IT IS PLANNED FOR FUTURE ACCOMPLISHMENT IN LHD 0002 AND LHD 0004. SHIPALT 03013.01K INSTALLATION OF FORWARD SYSTEM WAS ACCOMPLISHED IN LHD 0005 AND LHD 0006; THE REMAINING SHIPALT 3013.01K INSTALLATIONS IN LHD 0007 AND LHD 0008 WILL BE ACCOMPLISHED DURING NEW CONSTRUCTION. SHIPALT 03013.02K INSTALLATION OF AFT SYSTEM WAS ACCOMPLISHED IN LHD 0006 AND IS PLANNED FOR ACCOMPLISHMENT IN LHD 5.

Task/Abbreviation: K-45173-023- -SHIPALT LHD1-03013.1K - ACCOMP				MJC: EXSAK729		Rev Date: 4/18/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 25,000		ManDays: 220		Alt No: SALHD 03013 K	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45173-23) SHIPALT LHD1-03013.1K, AN/SPS-73(V)12 SURF NAV RDR-FW, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03013.1K WHICH REPLACES THE AN/SPS-64(V)9 SURFACE SEACH, NAVIGATION RADAR WITH THE NEW AN/SPS-73(V)V12.

Task/Abbreviation: K-45173-024- -SHIPALT LHD1-03013.2K - ACCOMP			MJC: EXSAK731		Rev Date: 4/18/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 25,000	ManDays: 220	Alt No: SALHD 03013 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45173-24) SHIPALT LHD1-03013.2K, AN/SPS-73(V)12 SURF NAV RDR-AF, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03013.2K WHICH REPLACES THE AN/SPS-64(V)9 SURFACE SEACH, NAVIGATION RADAR WITH THE NEW AN/SPS-73(V)V12.

Task/Abbreviation: K-45173-025- -SHIPALT LHD1-73156K - ACCOMP**MJC:** EXSAKAC6**Rev Date:** 6/24/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 220**Alt No:** SALHD 73156 K**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-45173-25) SHIPALT LHD1-73516K, AN/SPS-73(V)12
SURF NAV RADAR, NOT ACCOMPLISHED

AIT-ACCOMPLISH SHIPALT LHD1-73516K WHICH REPLACES THE AN/SPS-64(V)9 WITH A DUAL AN/SPS-73(V)12 RADAR SYSTEM. THE AN/SPS-73(V)12 RADAR ACCEPTS INPUTS FROM THE SHIPS GYROCOMPASS SYSTEM AND AN/WRN-6 RADIO NAVIGATIONAL SYSTEM. THE AN/SPS-73(V)12 RADAR SENDS VIDEO TO THE AN/SPA-25G RADAR REPEATERS VIA RADAR DATA DISTRIBUTION SYSTEM (RADDs). IT ALSO SENDS TRIGGER TO THE MX-10042/SLA-10B VIDEO BLANKER, TRACKS INFORMATION TO THE ELECTRONIC CHART DISPLAY INFORMATION SYSTEM (ECDIS). THE STAND ALONE OPERATOR POSITION (SAOP) WILL ALSO BE ABLE TO DISPLAY AN/SPS-67(V) VIDEO. THE SAOP HAS THE CAPABILITY TO DISTRIBUTE REMOTE VIDEO TO A RED, GREEN, BLUE (RGB) MONITOR. AN UNINTERRUPTIBLE POWER SUPPLY (UPS) PROTECTS THE AN/SPS-73(V)12 RADAR FROM POWER LOSS OR BROWN OUT. THE UPS PROVIDES APPROXIMATELY 15 MINUTES OF BATTERY POWER TO EACH AN/SPS-73(V)12 AFTER A POWER LOSS TO CONDUCT AN ORDERLY SHUTDOWN. POC: DANNY EXLEY, 757-492-8006, DANNY.EXLEY@NAVY.MIL

Task/Abbreviation: O-45173-026- -FC 73156 SWITCHBOARD - ACCOMP			MJC: CXSAO906		Rev Date: 2/26/2008	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 4	Alt No: FC 73156	
Referenced Authority:		Repair Pool:	MCC: 3			
Reason:	Problem Description:		Recommended Solution:			
BASELINE	(O-45173-26) FC 73156 SWITCHBOARD, LOCAL IC, SUPPORT AN/SPS-73(V)12 RADAR, NOT ACCOMPLISHED		ACCOMPLISH FC 73156 SWITCHBOARD, LOCAL IC WHICH WILL PROVIDE OWN SHIP HEADING (OSH) AND OWN SHIP SPEED (OSS) TO THE AN/SPS-73(V)12 RADAR. LOCAL IC SWBD WILL BE MODIFIED TO SUPPORT SHIPALT LHD 1-73156K. POC: SANDY ZARAGOZA, 805-228-7721, ANDY.ZARAGOZA@NAVY.MIL			

Task/Abbreviation: Q-45249-004- -AN/SPS-49 RDR SET - RPR/TST				MJC: CXECQ041		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,800		ManDays: 40		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-45249-004)RADAR SET REQUIRES REPAIR				REPAIR THE AN/SPS-49() RADAR SET (LESS ANTENNA AND PEDESTAL) PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.					

Task/Abbreviation: Q-45249-009- -AN/SPS-49 RDR WG - RPR				MJC: CXECQ100		Rev Date: 3/2/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 360		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-45249-009)WAVEGUIDE REQUIRES REPAIR				REPAIR THE AN/SPS-49() RADAR WAVEGUIDE PER CONDITION ASSESSMENT RECOMMENDATIONS.					

Task/Abbreviation: I-45249-019- -SPS-49A(V)1 - MRC N1T1			MJC: EXECIB77		Rev Date: 12/29/2009					
RCM Analysis: 10/23/2006		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 6	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-019)THE AN/SPS-49A(V)1 AIR SEARCH RADAR SETASSESSMENT REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49A(V)1 AIR SEARCH RADAR SET ASSESSMENT ASSESSMENT IN ACCORDANCE WITH MRC N1T1 AS FOLLOWS: 1. PERFORM ADDITIONAL AN/SPS-49A(V)1 ANTENNA CHECKS. 2. PERFORM ADDITIONAL AN/SPS-49A(V)1 RADAR UNIT INSPECTION CHECKS. 3. PERFORM ADDITIONAL AN/SPS-49A(V)1 RADAR OPERATIONAL CHECKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-020- -SPS-49(V)5,7,8 - MRC N1Y1			MJC: EXECIB78		Rev Date: 12/29/2009					
RCM Analysis: 10/23/2006		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 6	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-020)THE AN/SPS-49(V)5, 7, 8 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49(V)5, 7, 8 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC N1Y1 AS FOLLOWS: 1. PERFORM ADDITIONAL AN/SPS-49(V)5,7,8 ANTENNA CHECKS. 2. PERFORM ADDITIONAL AN/SPS-49(V)5,7,8 RADAR UNIT INSPECTION CHECKS. 3. PERFORM ADDITIONAL AN/SPS-49(V)5,7,8 RADAR OPERATIONAL CHECKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-021- -SPS-49(V)5,7,8 - MRC DPH9			MJC: EXECIB79		Rev Date: 12/29/2009
RCM Analysis: 6/7/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-021)THE AN/SPS-49(V)5, 7, 8 AIR SEARCH RADAR SETREQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49(V)5, 7, 8 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC DPH9 AS FOLLOWS: 1. MEASURE CANCELLER PERFORMANCE. 2. CHECK COHERENT SIDELobe CANCELLER AUTOMATIC TURN-ON. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-033- -SPS-49(V)1-5, A(V)1 - MRC DKH5			MJC: EXECIB91		Rev Date: 9/15/2011
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-033)THE AN/SPS-49(V) 1, 2, 3, 4, 5, A(V)1 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49(V) 1, 2, 3, 4, 5, A(V)1 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC DKH5 AS FOLLOWS: 1. INSPECT ZINC ANODES ON SEAWATER TO DISTILLED WATER HEAT EXCHANGER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-035- -SPS-49(V)1-5, A(V)1 - MRC DNK7**MJC:** EXECIB93**Rev Date:** 9/15/2011**RCM Analysis:** 6/7/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-45249-035)THE AN/SPS-49(V) 1, 2, 3, 4, 5, A(V)1 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.

ACCOMPLISH THE AN/SPS-49(V) 1, 2, 3, 4, 5, A(V)1 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC DNK7 AS FOLLOWS: 1. CLEAN AND INSPECT SEAWATER STRAINER. 2. SWITCH TO ALTERNATE HEAT EXCHANGER AND ALTERNATE PUMP. REGIONAL MAINTENANCE ACTIVITIES CONDUCTING C5RA/CMAV ASSESSMENTS PERFORM INSPECTION STEPS ONLY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-038- -SPS-49(V)1-8, A(V)1 - MRC DNL1			MJC: EXECIB96		Rev Date: 12/29/2009					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-038)THE AN/SPS-49(V) 1, 2, 3, 4, 5, 7, 8, A(V)1 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49(V) 1, 2, 3, 4, 5, 7, 8, A(V)1 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC DNL1 AS FOLLOWS: 1. INSPECT GENERATOR BRUSHES OF MOTOR-GENERATOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-050- -SPS-49(V)5,7,8,A(V)1-MRC DPH3			MJC: EXECIBA8		Rev Date: 12/29/2009
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-050)THE AN/SPS-49(V)5, 7, 8, A(V)1 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49(V)5, 7, 8, A(V)1 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC DPH3 AS FOLLOWS: 1. TEST RADAR SET SAFETY INTERLOCKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-052- -SPS-49(V)5,7,8 - MRC DPH5			MJC: EXECIBB0		Rev Date: 12/29/2009					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-052)THE AN/SPS-49(V)5, 7, 8 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49(V)5, 7, 8 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC DPH5 AS FOLLOWS: 1. TEST OPERATION AT REMOTE RADAR SET CONTROL. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-054- -SPS-49(V)5,7,8 - MRC DPH7			MJC: EXECIBB2		Rev Date: 12/29/2009
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-054)THE AN/SPS-49(V)5, 7, 8 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49(V)5, 7, 8 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC DPH7 AS FOLLOWS: 1. MEASURE MAIN CHANNEL MINIMUM DISCERNIBLE SIGNAL (MDS). 2. MEASURE SLB CHANNEL MDS. 3. MEASURE MAIN RECEIVER NOISE FIGURE. 4. MEASURE SLB RECEIVER NOISE FIGURE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-055- -SPS-49(V)5,7,8 - MRC DPH8			MJC: EXECIBB3		Rev Date: 12/29/2009
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-055)THE AN/SPS-49(V)5, 7, 8 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49(V)5, 7, 8 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC DPH8 AS FOLLOWS: 1. MEASURE TRANSMITTER POWER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-056- -SPS-49(V)1-8, A(V)1 - MRC EBU0			MJC: EXECIBB4		Rev Date: 12/29/2009
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-056)THE AN/SPS-49(V)1, 2, 3, 4, 5, 7, 8, A(V)1 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49(V)1, 2, 3, 4, 5, 7, 8, A(V)1 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC EBU0 AS FOLLOWS: 1. CLEAN AND INSPECT ANTENNA SLIPRING AND BRUSH BLOCK ASSEMBLY. REGIONAL MAINTENANCE ACTIVITIES CONDUCTING C5RA/CMAV ASSESSMENTS PERFORM INSPECTION STEPS ONLY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-058- -SPS-49(V)5,7,8 - MRC EEX4			MJC: EXECIBB6		Rev Date: 4/2/2007					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-058)THE AN/SPS-49(V)5, 7, 8 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49(V)5, 7, 8 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC EEX4 AS FOLLOWS: 1. MEASURE RADIATION LEAKAGE LEVEL. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-059- -SPS-49(V)1-5,7,8 - MRC EEX5**MJC:** EXECIBB7**Rev Date:** 12/29/2009**RCM Analysis:** 2/7/2005**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:(I-45249-059)THE AN/SPS-49(V)1, 2, 3, 4, 5, 7, 8 AIR
SEARCH RADAR SET REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE AN/SPS-49(V)1, 2, 3, 4, 5, 7, 8 AIR SEARCH RADAR
SET ASSESSMENT IN ACCORDANCE WITH MRC EEX5 AS FOLLOWS:
1. MEASURE TRANSMIT/RECEIVE (T/R) TUBE RECOVERY TIME.
REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-061- -SPS-49(V)5,7,8 - MRC EEX7			MJC: EXECIBB9		Rev Date: 12/29/2009
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-061)THE AN/SPS-49(V)5, 7, 8 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49(V)5, 7, 8 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC EEX7 AS FOLLOWS: 1. TEST SHIP'S MOTION COMPENSATION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-062- -SPS-49(V)5,7,8,A(V)1- MRC EEX8			MJC: EXECIBC0		Rev Date: 12/29/2009
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-062)THE AN/SPS-49(V)5, 7, 8, A(V)1 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49(V)5, 7, 8, A(V)1 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC EEX8 AS FOLLOWS: 1. TEST ON-LINE FAULT MONITORING AND FAULT ISOLATION (FM/FI). 2. TEST OFF-LINE PRE-FI/FI. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-063- -SPS-49A(V)1 - MRC FTKP				MJC: EXECIBC1		Rev Date: 12/30/2009					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-063)THE AN/SPS-49A(V)1 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49A(V)1 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC FTKP AS FOLLOWS: 1. MEASURE RADIATION LEAKAGE LEVEL. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-064- -SPS-49A(V)1 - MRC FTKQ			MJC: EXECIBC2		Rev Date: 12/29/2009
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-064)THE AN/SPS-49A(V)1 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49A(V)1 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC FTKQ AS FOLLOWS: 1. MEASURE TRANSMIT/RECEIVE (T/R) TUBE RECOVERY TIME. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-065- -SPS-49A(V)1 - MRC FTKR			MJC: EXECIBC3		Rev Date: 12/29/2009					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-065)THE AN/SPS-49A(V)1 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49A(V)1 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC FTKR AS FOLLOWS: 1. TEST OPERATION AT REMOTE RADAR SET CONTROL. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-067- -SPS-49A(V)1 - MRC FTKT			MJC: EXECIBC5		Rev Date: 12/29/2009					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-067)THE AIRAN/SPS-49A(V)1 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49A(V)1 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC FTKT AS FOLLOWS: 1. MEASURE MAIN RECEIVER NOISE FIGURE. 2. MEASURE SLB RECEIVER NOISE FIGURE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-068- -SPS-49A(V)1 - MRC FTKU			MJC: EXECIBC6		Rev Date: 12/29/2009						
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:				
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:		
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-068)THE AN/SPS-49A(V)1 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49A(V)1 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC FTKU AS FOLLOWS: 1. MEASURE TRANSMITTER POWER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-069- -SPS-49A(V)1 - MRC FTKV			MJC: EXECIBC7		Rev Date: 12/29/2009					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-069)THE AN/SPS-49A(V)1 AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49A(V)1 AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC FTKV AS FOLLOWS: 1. MEASURE CANCELLER PERFORMANCE. 2. CHECK COHERENT SIDELobe CANCELLER AUTOMATIC TURN-ON. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-072- -AN/SPS-49 RDR CLG SYS-MRC 8TLY			MJC: CXECICD1		Rev Date: 9/15/2011
RCM Analysis: 9/25/2006	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-072)THE AN/SPS-49 RADAR COOLING WATER SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49 RADAR COOLING WATER SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 8TLY AS FOLLOWS: 1. TEST OPERATION OF SYSTEM SEAWATER AND/OR DEMINERALIZED WATER LOW FLOW SWITCH(ES). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-074- -AN/SPS-49 RDR CLG SYS-MRC 8YGE			MJC: CEXECICD3		Rev Date: 9/15/2011
RCM Analysis: 9/25/2006	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-074)THE AN/SPS-49 RADAR COOLING WATER SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49 RADAR COOLING WATER SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 8YGE AS FOLLOWS: 1. CLEAN CONDUCTIVITY SENSORS. 2. TEST AND ADJUST CONDUCTIVITY MONITOR. REGIONAL MAINTENANCE ACTIVITIES CONDUCTING ASSESSMENTS PERFORM ASSESS STEPS ONLY (I.E. NO CLEANING, NO SERVICING, NO LUBRICATING, ETC.). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-075- -AN/SPS-49 RDR CLG SYS-MRC 8TND			MJC: CEXECID4		Rev Date: 9/15/2011					
RCM Analysis: 9/25/2006		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-075)THE AN/SPS-49 RADAR COOLING WATER SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49 RADAR COOLING WATER SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 8TND AS FOLLOWS: 1. TEST IC/SM ALARM MODULE(S). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-077- -AN/SPS-49 RDR CLG SYS-MRC 8WQW			MJC: CEXECID6		Rev Date: 6/27/2007
RCM Analysis: 9/25/2006	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-077)THE AN/SPS-49 RADAR COOLING WATER SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-49 RADAR COOLING WATER SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 8WQW AS FOLLOWS: 1. INSPECT 3-WAY TEMPERATURE REGULATING VALVE(S). 2. TEST OPERATION OF 3-WAY TEMPERATURE REGULATING VALVE(S). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45249-078- -SPS 49 PMP VIB TST - MRC G1P1				MJC: EXECIGF3		Rev Date: 4/28/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45249-078)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-45249-079- -FC 71192 SPS-49A(V)1 - ACCOMP			MJC: CXSAO922		Rev Date: 7/19/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: FC 71192
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45249-79) FC 71192 AN/SPS-49A(V)1, AN/SPS-49A(V)1 SSM NON-CVN, NOT ACCOMPLISHED	ACCOMPLISH FC 71192 SPS-49A(V)1 WHICH INSTALLS THE AN/SPS-49A(V)1 SOLID STATE MODULATOR (SSM) WHICH REPLACES OBSOLETE, UNRELIABLE GLASS TUBE TECHNOLOGY PROVIDED BY A SINGLE OFF-SHORE VENDOR. IT WILL RESOLVE RELIABILITY, MAINTAINABILITY & AVAILABILITY (RM&A) RELATED TOP MANAGEMENT THE AN/SPS-49A(V)1 SOLID STATE MODULATOR (SSM) REPLACES OBSOLETE, UNRELIABLE GLASS TUBE TECHNOLOGY PROVIDED BY A SINGLE OFF-SHORE VENDOR. IT WILL RESOLVE RELIABILITY, MAINTAINABILITY & AVAILABILITY (RM&A) RELATED TOP MANAGEMENT ATTENTION/TOP MANAGEMENT ISSUE (TMA/TMI) & "TROUBLED SYSTEMS" ISSUES. SSM REPLACES THE TRANSMIT FUNCTION AND PARTICULARLY THE MODULATOR WHICH ACCOUNT FOR MOST OF THE EXISTING RELIABILITY PROBLEMS. POC: BRIAN KOEHN, 757-492-8055, BRIAN.KOEHN@NAVY.MIL

Task/Abbreviation: Q-45348-004- -AN/SPS-48E(V) RDR SET- RPR/TST			MJC: CXECQ044		Rev Date: 12/5/2008
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10,000	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-45348-004)THE AN/SPS-48(V) RADAR SET REQUIRES REPAIR	REPAIR THE AN/SPS-48(V) RADAR SET (LESS ANTENNA AND PEDESTAL) PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

Task/Abbreviation: I-45348-005- -AN/SPS-48E(V) RDR WG- INSP/TST			MJC: CXECI139		Rev Date: 12/5/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 100	ManDays: 2	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45348-005)THE AN/SPS-48() RADAR WAVEGUIDE REQUIRES INSPECTION.	ACCOMPLISH A VISUAL INSPECTION AND A VOLTAGE STANDING WAVE RATIO (VSWR) TEST ON THE AN/SPS-48() RADAR WAVEGUIDE UTILIZING APPLICABLE MRC CARDS AND TECHNICAL MANUAL ICDS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE: ACCOMPLISH PRIOR TO REMOVAL OF ANY TRANSMISSION LINE ELEMENT OR ANTENNA/PEDESTAL.

Task/Abbreviation: Q-45348-006- -AN/SPS-48E(V) RDR WG - RPR			MJC: CEXECQ114		Rev Date: 12/5/2008
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-45348-006)THE AN/SPS-48(V) TRANSMISSION LINE REQUIRES REPAIR	REPAIR THE AN/SPS-48(V) RADAR TRANSMISSION LINE PER CONDITION ASSESSMENT RECOMMENDATIONS.			

Task/Abbreviation: I-45348-018- -AN/SPS-48E ANT SAF SW-MRC EHC1			MJC: EXECIBE2		Rev Date: 12/29/2009
RCM Analysis: 6/7/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45348-018)THE AN/SPS-48E AIR SEARCH RADAR SETREQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-48E AIR SEARCH RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC EHC1 AS FOLLOWS: 1. TEST ANTENNA SAFETY SWITCHES. 2. REPLACE OIL AND OIL FILTERS IN ANTENNA GEARBOXES AND LUBRICATING PUMP. REGIONAL MAINTENANCE ACTIVITIES CONDUCTING ASSESSMENTS PERFORM TEST OF ANTENNA SAFETY SWITCHES STEPS ONLY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-45348-029- -FC 16 AN/SPS-48E(V) - ACCOMP				MJC: CXECICJ9		Rev Date: 5/25/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 7		Alt No: FC 16 SPS-48E	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45348-29) FC-16, AN/SPS-48E(V) WIDEBAND IF DISTRO CABLE IMP, NOT ACCOMPLISHED	ACCOMPLISH FC-16 WHICH REPLACES ASSEMBLIES IN RADAR RECEIVER WHICH HAVE NOISY CABLE CONNECTORS WITH A WIDEBAND LIMITER. POC: CHRIS BAMES, 540-653-3457, CHRISTOPHER.J.BAMES1@NAVY.MIL.

Task/Abbreviation: O-45348-033- -FC 71115 AN/SPS-48E(V)- ACCOMP			MJC: CXSAO485		Rev Date: 11/14/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 7	Alt No: FC 71115
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45348-33) FC 71115 AN/SPS-48E(V) WIDEBAND IF DISTRO CABLE IMP, NOT ACCOMPLISHED	ACCOMPLISH FC 71115 AN/SPS-48E(V) WHICH REPLACES ASSEMBLIES IN RADAR RECEIVER WHICH HAVE NOISY CABLE CONNECTORS WITH A WIDEBAND LIMITER. POC: CHRIS BAMES, 540-653-3457, CHRISTOPHER.J.BAMES1@NAVY.MIL.

Task/Abbreviation: I-45348-034- -AN/SPS-48E RADAR SET- MRC A4Z2			MJC: CXTYA042		Rev Date: 12/29/2009
RCM Analysis: 10/23/2006	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45348-034)THE AN/SPS-48E AIR SEARCH RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-48E AIR SEARCH RADAR ASSESSMENT IN ACCORDANCE WITH MRC A4Z2 AS FOLLOWS: 1. PERFORM ASSESSMENT PROCEDURE (AP) VISUAL INSPECTION. 2. PERFORM AP OPERATIONAL TESTS. 3. RESULTS AND SUMMARY CHARTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP, TYCOM, AND ISEA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-45348-039- -SA 78837 SPS-48E HZRD WEATHER			MJC: EXSAK990		Rev Date: 4/20/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: SA 78837 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	SA 78837 SPS-48E HZRD WEATHER DET&DISPL, NOT ACCOMPLISHED	THE HWDDC TAPS INTO PRE-EXISTING RADAR SIGNALS TO EXTRACT THE REQUIRED INFORMATION. EXTRACTED WEATHER DATA IS OUTPUT TO METRO AND DISTRIBUTED OVER SVDS AND SIPRNET. THE INSTALLATION CONSISTS OF TWO MAIN COMPONENTS A WEATHER DATA INTERFACE CARD (WDIC) INSERTED INTO AN EMPTY SLOT IN THE EXISTING SPS-48E DIGITAL SIGNAL PROCESSOR RACK AND A WEATHER EXTRACTOR COMPUTER (WEC). THE WDIC PASSIVELY TAPS THE RADAR SIGNALS AND PROVIDES A SYNCHRONOUS DATA STREAM OUTPUT VIA A SERIAL FRONT PANEL DATA PORT (SFPDP) TO THE WEC. THE WEC CONSISTS OF 2 ABMX DUAL XEON SERVERS WHICH WILL BE LOCATED IN THE 19 INCH RACK MOUNTABLE SMQ-11 UNIT IN METRO. WEC-0 WILL PERFORM REAL-TIME WEATHER RADAR PROCESSING FROM THE WDIC SERIAL DATA STREAM. WEC-1 WILL ALLOW THOSE END USERS WITH SIPRNET ACCESS TO VIEW WEATHER PRODUCTS USING A WEB BROWSER. SIPRNET END USERS WILL BE ABLE TO INTERACTIVELY CHANGE WEATHER IMAGES AND PARAMETERS THAT BEST SUIT THEIR NEEDS.

Task/Abbreviation: K-45348-042- -FC 79713 K AN/SPS-48			MJC: EXSAKA78		Rev Date: 10/6/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: FC 79713 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	FC 79713 K HARDWARE AN/SPS-48E(V), NOT ACCOMPLISHED	*INSTALLATION WILL BE PERFORMED BY NSWC PHD ISEA PERSONNEL, AIT POC IS WILLIAM WOOD 757-492-8048. INSTALLATION IS REQUIRED TO MITIGATE PERFORMANCE DEGRADATION OF THE AN/SPS-48E(V) RADAR INSIDE THE AEM/S ON LPD 17 CLASS, MAST OBSTRUCTION REGIONS ON NON-AEM/S SHIPS, AND MITIGATION OF HIGH ALTITUDE TARGET ANOMALIES ON BOTH THE AEM/S AND NON-AEMS. THIS CHANGE MODIFIES 3 UNIQUE CIRCUIT CARDS; 2 ARE ALSO MAMS, IN THE AN/SPS-48E(V) RADAR. THE CHANGE WILL REPLACE: 1)PROCESSOR (UNIT 10) INTERFACE #2 (195835-4 (OLD) WITH 195835-5 (NEW) (WIRE CHANGES)) AND IMPULSE INTERFERENCE BLANKER (225330-3 (OLD) WITH 225330-4 (NEW) (WIRE CHANGES)) 2)RECEIVER (UNIT 9) IMPULSE INTERFERENCE (225330-3 (OLD) WITH 225330-4 (NEW) WIRE CHANGES) AND ENVIRONMENT MONITOR (195763-2 (OLD) WITH 195763-3 (NEW) (ONE PROM)) 3)MAMS CABINET ENVIRONMENT MONITOR (195763-2 (OLD) WITH 195763-3 (NEW) (ONE PROM)) AND IMPULSE INTERFERENCE BLANKER (225330-3 (OLD) WITH 225330-4 (NEW) (WIRE CHANGES))

Task/Abbreviation: A-45348-043- -SA 79563 AN/SPS-48E(V)9			MJC: EXTAAAY2		Rev Date: 7/27/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 0		

Reason:	Problem Description:	Recommended Solution:
BASELINE	SA 79563 AN/SPS-48E(V)9 NOT ACCOMPLISHED CONJUNCTIVE ALTS ECP 112 (FC 22) HARDWARE SCD 9713	INSTALLATION OF SOFTWARE PROGRAM VERSION ADP 1.02.51.06 IS REQUIRED TO MITIGATE PERFORMANCE DEGRADATION OF THE AN/SPS-48E(V)9 WITH FC 11 CAUSED BY MAST OBSTRUCTION REGIONS AND MITIGATION OF HIGH ALTITUDE TARGET ANOMALIES. THIS CHANGE REPLACES SOFTWARE VERSION ADP 1.02.51.05 ON ALL CLASSES OF SHIPS OUTFITTED WITH AN/SPS-48E(V)9 WITH FC 11. ADDITIONALLY, ADP 1.02.51.06 WILL CORRECT PROGRAM TROUBLE REPORTS (PTRS) IDENTIFIED IN ENCL (1) OF ECP 109. THIS CHANGE INSTALLS SOFTWARE PROGRAM VERSION AUXILIARY DETECTION PROCESSOR (ADP) 1.02.51.06 FOR THE AN/SPS-48E(V)9 WITH FC 11. DEFICIENCY CORRECTIONS ASSOCIATED WITH THE ADP ARE INCORPORATED IN THIS PROGRAM UPDATE INCLUDING MAST OBSTRUCTION REGIONS AND HIGH ALTITUDE TARGET ANOMALY MITIGATIONS. INSTALLATION WILL BE PERFORMED BY NSWC PHD ISEA PERSONNEL.

Task/Abbreviation: I-45435-001- -AN/SPN-35 RDR SET - INSP/TST			MJC: CXECI063		Rev Date: 3/25/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45435-001)THE AIRCRAFT CONTROL APPROACH RADAR (AN/SPN-35 SERIES) REQUIRES INSPECTION.	INSPECT AND TEST THE AIRCRAFT CONTROL APPROACH RADAR (AN/SPN-35 SERIES). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-45435-002- -AN/SPN-35 RDR CMPNTS- REPL/TST			MJC: CXECQ045		Rev Date: 6/19/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,350	ManDays: 30	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-45435-002)AN/SPN-35() RADAR SYSTEM COMPONENTS REQUIRE REPLACEMENT	REPLACE THE AN/SPN-35() RADAR SYSTEM COMPONENTS PER CONDITION ASSESSMENT RECOMMENDATIONS. REPLACE THE FOLLOWING SYSTEM COMPONENTS AS AUTHORIZED AND PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING. A. PITCH DRIVE MOTOR. B. ROLL DRIVE MOTOR. C. AZIMUTH DRIVE MOTOR. D. PITCH DRIVE GEAR BOX. E. ROLL DRIVE GEAR BOX. F. AZIMUTH DRIVE GEAR BOX. G. RECEIVERS/TRANSMITTERS AS IDENTIFIED. H. ASSOCIATED WAVEGUIDES AS IDENTIFIED. NOTE: 1. REPLACEMENT COMPONENTS ARE TYCOM FUNDED GFM.

Task/Abbreviation: Q-45435-003- -AN/SPN-35 RADOME - RPR				MJC: CXECQ046		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-45435-003)RADOME REQUIRES REPAIR				REPAIR THE RADOME FIBERGLASS PER CONDITION ASSESSMENT RECOMMENDATIONS AND IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUAL. ON COMPLETION OF REPAIRS, ACCOMPLISH A WATER HOSE TEST.					

Task/Abbreviation: I-45435-004- -AN/SPN-35 RDR WG - INSP/TST			MJC: CXECI141		Rev Date: 3/25/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45435-004)THE AN/SPN-35() RADAR WAVEGUIDE REQUIRES INSPECTION.	ACCOMPLISH A VISUAL INSPECTION AND A VOLTAGE STANDING WAVE RATIO (VSWR) TEST ON THE AN/SPN-35() RADAR WAVEGUIDE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-45435-005- -AN/SPN-35 RDR WG - RPR				MJC: CXECQ116		Rev Date: 10/4/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 360		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-45435-005)WAVEGUIDE REQUIRES REPAIR				REPAIR THE AN/SPN-35() RADAR WAVEGUIDE PER CONDITION ASSESSMENT RECOMMENDATIONS.					

Task/Abbreviation: K-45435-006- -SHIPALT LHD1-03017K - ACCOMP				MJC: EXSAK595		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 21,000		ManDays: 82		Alt No: SALHD 03017 K	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45435-6) SHIPALT LHD1-03017K, AN/SPN-35C,ARCFT CNTRL RDR SYS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03017K WHICH PROVIDES A MODERNIZATION UPGRADE TO THE AN/SPN-35B RADAR SET WHICH REDESIGNATES THE RADAR SET TO THE AN/SPN-35C, AIRCRAFT APPROACH CONTROL CENTRAL. THIS SHIPALT WILL IMPROVE RELIABILITY, MAINTAINABILITY, AND CLUTTER MITIGATION DURING ADVERSE WEATHER CONDITIONS. POC: WILLIAM MITCHELL, 301-995-8230, WILLIAM.V.MITCHELL@NAVY.MIL.

Task/Abbreviation: Q-45435-020- -AN/SPN-35C CKT CARD/ACTR-REPL		MJC: CXECQ151	Rev Date: 6/19/2009		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 5,200	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-45435-020)AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL CIRCUIT CARD ASSEMBLY (CCA) OR ACTUATOR FAILED.	TROUBLESHOOT, AND REPAIR/REPLACE DEFECTIVE CIRCUIT CARD ASSEMBLY (CCA) OR ACTUATOR. PERFORM ALIGNMENT PROCEDURE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-45435-021- -AN/SPN-35C LAMP - REPL				MJC: CXECQ152		Rev Date: 6/19/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 4		Freq: 0		Equip/Task: 1		Matl Cost: 10		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-45435-021)AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL LAMP FAULTY.	REPLACE LAMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-45435-022- -AN/SPN-35C RCVR CMPNT - REPL			MJC: CEXECQ153		Rev Date: 6/19/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 4,850	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-45435-022)AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL HAS LOW MINIMUM DISCERNABLE SIGNAL.	TROUBLESHOOT RECEIVER, REPAIR/REPLACE DEFECTIVE COMPONENTS, AND PERFORM ALIGNMENT PROCEDURE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL.RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-45435-023- -AN/SPN-35C XMTR CMPNT-REP/REPL		MJC: CEXECQ154		Rev Date: 6/19/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 10,000	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-45435-023)AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL HAS LOW POWER OUTPUT.	TROUBLESHOOT TRANSMITTER, REPAIR/REPLACE DEFECTIVE COMPONENTS, AND PERFORM ALIGNMENT PROCEDURE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL.RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-45435-024- -AN/SPN-35C PANELS - REPR/REPL			MJC: CEXECQ155		Rev Date: 6/19/2009
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 1,750	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-45435-024)AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL RADOME PANELS CRACKED OR MISSING HARDWARE.	REPAIR/REPLACE CRACKED RADOME PANELS AND MISSING HARDWARE. ACCOMPLISH A SATISFACTORY OPERATIONALTEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-45435-025- -AN/SPN-35C ANT CMPNT-REP/REPL		MJC: CXECQ156		Rev Date: 6/19/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 5,000	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-45435-025)AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL RADAR STABILIZATION FAULTY.	TROUBLESHOOT ANTENNA, REPAIR/REPLACE DEFECTIVE COMPONENTS, AND PERFORM ALIGNMENT PROCEDURE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL.RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-45435-026- -AN/SPN-35C RCVR CMPNT-REP/REPL		MJC: CXECQ157	Rev Date: 6/19/2009		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 2,750	ManDays: 2	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-45435-026)AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL RECEIVER IS FAULTY OR WEAK.	TROUBLESHOOT RECEIVER, REPAIR/REPLACE DEFECTIVE COMPONENTS, AND PERFORM ALIGNMENT PROCEDURE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL.RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-45435-027- -AN/SPN-35C MAGNETRON - REPL			MJC: CXECQ158		Rev Date: 6/19/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 7,000	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-45435-027)AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL HAS DEFECTIVE MAGNETRON.	REPLACE DEFECTIVE MAGNETRON, PERFORM ALIGNMENT PRODECURE, AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-45435-028- -AN/SPN-35C XMTR CMPNT-REP/REPL		MJC: CXECQ159	Rev Date: 6/19/2009		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 2,729	ManDays: 2	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-45435-028)AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL HAS FAULTY OR WEAK TRANSMITTER.	TROUBLESHOOT TRANSMITTER, REPAIR/REPLACE DEFECTIVE COMPONENTS, AND PERFORM ALIGNMENT PROCEDURE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-45435-030- -AN/SPN-35C RT ATTEN CUR-REP			MJC: CXECQ161		Rev Date: 6/19/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 2,993	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-45435-030)AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL FERRITE SWITCH AND ATTENUATOR CURRENTS DO MEET PMS REQUIREMENTS.	TROUBLESHOOT, REPAIR/REPLACE DEFECTIVE COMPONENTS, ADJUST FERRITE SWITCH AND ATTENUATOR CURRENTS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: K-45435-032- -SHIPALT LHD1-00330K - ACCOMP			MJC: EXSAK646		Rev Date: 5/31/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 21,000	ManDays: 82	Alt No: SALHD 00330 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45435-32) SHIPALT LHD1-00330K AN/SPN-35C, ARCFT CNTRL RDR SYS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00330K AN/SPN-35C, ARCFT CNTRL RDR SYS WHICH REPLACES EXISTING RECEIVER/TRANSMITTER MOUNTED ON THE STRONG-BACK OF THE ANTENNA PEDESTAL ON ANTENNA PLATFORM. POC: BARRETT STRAUB, 301-995-8826, BARRETT.STRAUB@NAVY.MIL.

Task/Abbreviation: O-45435-034- -FC 72469 AN/SPN-35C - ACCOMP				MJC: CXSAO877	Rev Date: 12/20/2007
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: FC 72469
Referenced Authority:	Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45435-34) FC 72469 AN/SPN-35C BLOCK I UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH FC 72469 AN/SPN-35C BLOCK I UPGRADE WHICH THE AN/SPN-35C PROVIDES PRECISION APPROACH AND LANDING CAPABILITY IN ADVERSE WEATHER. AN/SPN-35C IS A LEGACY ALT AND HAS BEEN FIELDDED ON LHD 1, LHD 6, AND LHD 8 WITHOUT THESE PRODUCTION LINE ENGINEERING CHANGES. LHD 1, 6, AND 8 WILL BE RETROFITTED IN FY 08. THESE ENGINEERING CHANGES ARE TO ADDRESS CHANGES MADE IN THE AN/SPN-35C PRODUCTION LINE. POC, STONE, LEON, 619.437.2383, LEON.STONE@NAVY.MIL.

Task/Abbreviation: I-45435-035- -AN/SPN-35C IND/CONT- MRC FJQ0**MJC:** EXECIIV8**Rev Date:** 7/30/2010**RCM Analysis:** 12/1/2003**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-45435-035)THE AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL RADAR-INDICATOR/CONTROLLER REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL ASSESSMENT IN ACCORDANCE WITH MRC FJQ0. 1. CLEAN AND INSPECT RADAR-INDICATOR/CONTROLLER (UNIT 2). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45435-036- -AN/SPN-35C RADOME - MRC FJQ1			MJC: EXECIIV9		Rev Date: 7/30/2010
RCM Analysis: 8/1/2009	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45435-036)THE AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL ASSESSMENT IN ACCORDANCE WITH MRC FJQ1. 1. INSPECT RADOME. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45435-037- -AN/SPN-35C XMTR - MRC FJQ4			MJC: EXECIIW0		Rev Date: 7/30/2010					
RCM Analysis: 3/1/2010		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45435-037)THE AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL ASSESSMENT IN ACCORDANCE WITH MRC FJQ4. 1. MEASURE TRANSMITTER POWER OUT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45435-038- -AN/SPN-35C SYS OPN - MRC FJQ3			MJC: EXECIIW1		Rev Date: 7/30/2010
RCM Analysis: 3/1/2010	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45435-038)THE AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL ASSESSMENT IN ACCORDANCE WITH MRC FJQ3. 1. PERFORM SYSTEM OPERATIONAL CHECK. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45435-039- -AN/SPN-35C ANT PED - MRC FJQ6**MJC:** EXECIIW2**Rev Date:** 7/30/2010**RCM Analysis:** 3/1/2010**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-45435-039)THE AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL ASSESSMENT IN ACCORDANCE WITH MRC FJQ6. 1. PERFORM SYSTEM OPERATIONAL TEST. 2. TEST OPERATE ANTENNA PEDESTAL PITCH AND ROLL ACTUATORS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45435-040- -AN/SPN-35C STAB CONT- MRC FJP8**MJC:** EXECIHW3**Rev Date:** 7/30/2010**RCM Analysis:** 2/1/2010**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-45435-040)THE AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL REQUIRES ASSESSMENT.

ACCOMPLISH THE AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL ASSESSMENT IN ACCORDANCE WITH MRC FJP8. 1. CLEAN AND INSPECT STABILIZATION CONTROL ASSEMBLY. 2. LUBRICATE ROLL AND PITCH ACTUATOR BALL SCREWS. 3. INSPECT/REPLACE WAVEGUIDE AND DESICCANT. 4. LUBRICATE AZIMUTH AND ELEVATION DRIVE GEAR BOXES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45435-041- -AN/SPN-35C RECEIVER - MRC FJQ5			MJC: EXECIJ43		Rev Date: 7/30/2010
RCM Analysis: 3/1/2010	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45435-041)THE AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPN-35C AIRCRAFT CONTROL APPROACH CENTRAL ASSESSMENT IN ACCORDANCE WITH MRC FJQ5. 1. MEASURE RECEIVER MINIMUM DISCERNIBLE SIGNAL (MDS). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-45435-042- -FC 79382K AN/SPN-35C - ACCOMP			MJC: EXSAKAC5		Rev Date: 9/29/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 56	ManDays:	Alt No: FC 79382 K
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45435-42) FC 79382K AN/SPN 35C FIELD CHANGE 6, AN/SPN35C UPS, NOT ACCOMPLISHED	AIT-ACCOMPLISH FC 79382K WHICH REPLACES UNITS 32A UPS POWER SUPPLY, 32A3 BATTERY AND HARDWARE TO COMPLY WITH THE TYPE I ENVIRONMENTAL TESTING, VIBRATION TESTING AND HEAVYWEIGHT HIGH IMPACT SHOCK TESTING FOR AN/SPN-35 C. POC: ANDRENE STEPHENSON, 301 342 6582, ANDRENE.STEPHENSON.CTR@NAVY.MIL

Task/Abbreviation: O-45435-043- -SWD 78662 AN/SPN-35C - ACCOMP			MJC: CXSAOAT1		Rev Date: 11/9/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No: SWD 78662
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45435-43) SWD 78662 AN/SPN-35C SW V 1.0, AN/SPN-35C SW RELEASE V 1.0, NOT ACCOMPLISHED	ACCOMPLISH SWD 78662 WHICH CORRECTS SEVERAL OPERATIONAL PROBLEMS. THESE PROBLEMS ARE LISTED BELOW: COMARK TOUCH SCREEN DISPLAY X Y REFERENCE ROTATION, FALSE OCCURRENCE OF CRITICAL FAULT WHEN ENTERING OPERATE MODE, UNWANTED MASTER / SLAVE TRANSFER BLANKING POPUP BUTTON, DISABLE OF FAULT INDICATION BLANKING, STABILIZATION WARNING, RF HAZARD CONCERN DURING TILT/TWIST ALIGNMENTS, CLUTTER REMOVED FOR MTD VIDEO, AUTO-TRACK IN AZIMUTH WHEN EL TARGET TRACKED, CONFUSION FROM DROP TRACK INDICATION AND VERSION CONTROL DISPLAYED . POC: BRENDA ALEXANDER, 301 744 6214, BRENDA.S.ALEXANDRER1@NAVY.MIL

Task/Abbreviation: O-45441-009- -FC 4 AN/SPN-41A - ACCOMP			MJC: CXSAO159		Rev Date: 4/28/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: FC 4 AN/SPN41A
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45441-9) FC 4 AN/SPN-41A, AN/SPN-41A ELEV MONITOR MOD, NOT ACCOMPLISHED.	ACCOMPLISH FC 4 AN/SPN-41A WHICH INSTALLS AN/SPN-41A ELEVATION MONITOR MODIFICATION. POC: CHUCK CRISMAN, 301-995-6311, CHARLES.CRISMAN@NAVY.MIL.

Task/Abbreviation: O-45441-010- -FC 3 AN/SPN-41A - ACCOMP				MJC: CXSAO492		Rev Date: 11/15/2006		
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1		Removal Required:	
Lvl of Maint: 1		Freq: 0	Equip/Task: 1	Matl Cost:		ManDays:		Alt No: FC 4 AN/SPN41A
Referenced Authority:			Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45441-10) FC 3 AN/SPN-41A (SCD 1203), NOT ACCOMPLISHED.	ACCOMPLISH FC 3 AN/SPN-41A (SCD 1203) WHICH THE ANTENNA ALIGNMENT AID IS A MICROPROCESSOR BASED HAND HELD INSTRUMENT, DESIGNED BY THE ISEA TO ASSIST IN ANTENNA ALIGNMENTS AND TROUBLESHOOTING. IT USES A LIQUID CRYSTAL DISPLAY TO INDICATE READINGS AND RESULTS OF 4 DIFFERENT TESTS: ANGLE DATA PICKOFF (ADP) ALIGNMENT, SCAN FREQUENCY, SECTOR WIDTH AND LIMIT PULSE. ANTENNA ALIGNMENT AID WILL BE PROVISIONED AS PART OF THE AN/SPN-41/41A AND STORED IN OQ-555/SPN-41A, STORAGE DRAWER 9A2. POC: NHI.PHUNG, 301-995-6478, NHI.PHUNG@NAVY.MIL

Task/Abbreviation: I-45441-A01- -AN/SPN-41/41A XMTR - MRC CDK9			MJC: CXCIDO3		Rev Date: 10/5/2011
RCM Analysis: 3/2/2009	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45441-A01)THE AN/SPN-41/41A TRANSMITTING SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPN-41/41A TRANSMITTING SET ASSESSMENT IN ACCORDANCE WITH MRC CDK9 AS FOLLOWS: 1. TEST ELEVATION AND AZIMUTH ANTENNA STABILIZATION. 2. PERFORM ANTENNA ALIGNMENT VERIFICATION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45441-A02- -AN/SPN-41/41A XMTR - MRC DLN4			MJC: CXCIDO4		Rev Date: 10/5/2011
RCM Analysis: 2/1/2010	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45441-A02)THE AN/SPN-41/41A TRANSMITTING SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPN-41/41A TRANSMITTING SET ASSESSMENT IN ACCORDANCE WITH MRC DLN4 AS FOLLOWS: 1. TEST OPERATE SPARE RADIO TRANSMITTER(S). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45441-A03- -AN/SPN-41/41A XMTR - MRC EMB4			MJC: CXCIDO5		Rev Date: 10/5/2011
RCM Analysis: 3/2/2009	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45441-A03)THE AN/SPN-41/41A TRANSMITTING SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPN-41/41A TRANSMITTING SET ASSESSMENT IN ACCORDANCE WITH MRC EMB4 AS FOLLOWS: 1. CHECK TRANSMITTER FREQUENCY ALIGNMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45441-A04- -AN/SPN-41/41A XMTR - MRC DRM4			MJC: CXCIDO6		Rev Date: 10/5/2011
RCM Analysis: 3/2/2009	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45441-A04)THE AN/SPN-41/41A TRANSMITTING SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPN-41/41A TRANSMITTING SET ASSESSMENT IN ACCORDANCE WITH MRC DRM4 AS FOLLOWS: 1. TEST OPERATE TRANSMITTING SET CONFIGURED WITH AZIMUTH AND ELEVATION RECEIVER GROUPS UNIT 5 AND UNIT 6. 2. TEST OPERATE TRANSMITTING SET CONFIGURED WITH AZIMUTH RECEIVER GROUP UNIT 5 AND ELEVATION TEST SET GROUP UNIT 12. 3. TEST OPERATE TRANSMITTING SET CONFIGURED WITH AZIMUTH RECEIVER GROUP UNIT 5 AND ELEVATION TEST SET GROUP UNIT 13. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45443-001- -AN/SPN-43 ANT/PED - INSP/TST			MJC: CXECI064		Rev Date: 4/2/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45443-001)THE AN/SPN-43() RADAR ANTENNA AND PEDESTAL REQUIRES INSPECTION.	ACCOMPLISH A VISUAL INSPECTION AND A VOLTAGE STANDING WAVE RATIO (VSWR) AND ROTATIONAL TESTS ON THE AN/SPN- 43() RADAR ANTENNA AND PEDESTAL. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-45443-002- -AN/SPN-43 ANT/PED - REPL/TST				MJC: CXECQ047		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,800		ManDays: 40		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-45443-002)RADAR ANTENNA AND PEDESTAL REQUIRES REPLACEMENT	REPLACE THE AN/SPN-43() RADAR ANTENNA AND PEDESTAL PER CONDITION ASSESSMENT RECOMMENDATIONS AND IN ACCORDANCE WITH THE APPLICABLE TECHNICAL MANUAL. ACCOMPLISH A PRE-INSTALLATION OPERATIONAL TEST OF THE NEW ANTENNA SET AND A VOLTAGE STANDING WAVE RATIO (VSWR) AND INSERTION LOSS TESTS TO THE SHIPBOARD INSTALLED WAVEGUIDE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

Task/Abbreviation: I-45443-003- -AN/SPN-43 RDR SET - INSP/TST			MJC: CXECI065		Rev Date: 4/2/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45443-003)THE AN/SPN-43() RADAR SET (LESS ANTENNA AND PEDESTAL) REQUIRES INSPECTION.	INSPECT AND TEST THE AN/SPN-43() RADAR SET (LESS ANTENNA AND PEDESTAL). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-45443-004- -AN/SPN-43 RDR SET- RPR/TST			MJC: CXECQ048		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,800	ManDays: 40	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-45443-004)RADAR SET REQUIRES REPAIR	REPAIR THE AN/SPN-43() RADAR SET (LESS ANTENNA AND PEDESTAL) PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

Task/Abbreviation: I-45443-005- -AN/SPN-43 RDR WG - INSP/TST			MJC: CXECI140		Rev Date: 4/2/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45443-005)THE AN/SPN-43() RADAR WAVEGUIDE REQUIRES INSPECTION.	ACCOMPLISH A VISUAL INSPECTION AND A VOLTAGE STANDING WAVE RATIO (VSWR) TEST ON THE AN/SPN-43() RADAR WAVEGUIDE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-45443-006- -AN/SPN-43 RDR WG - RPR				MJC: CXECQ115		Rev Date: 9/30/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 360		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-45443-006)WAVEGUIDE REQUIRES REPAIR				REPAIR THE AN/SPN-43() RADAR WAVEGUIDE PER CONDITION ASSESSMENT RECOMMENDATIONS.					

Task/Abbreviation: O-45443-020- -FC 4 AN/SPN-43C - ACCOMP				MJC: CXSAO158		Rev Date: 4/28/2006	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:		ManDays:	Alt No: FC 4 AN/SPN43C	
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45443-20) FC 4 AN/SPN-43C, HALYARD ENTANGLEMENT PROTECTION, NOT ACCOMPLISHED.	ACCOMPLISH FC 4 AN/SPN-43C WHICH INSTALLS A CABLE PULL SWITCH ON AN/SPN-43 PEDESTAL THAT SENSES A HALYARD WRAP AND SHUTS DOWN RADAR ROTATION. INSTALLS RADAR ROTATION KILL SWITCHES (PUSH BUTTON) AT SIGNAL-MAN STATIONS. POC: NHI.PHUNG, 301-995-6478, NHI.PHUNG@NAVY.MIL.

Task/Abbreviation: O-45443-021- -FC 7 AN/SPN-43C - ACCOMP				MJC: CXSAO160		Rev Date: 4/28/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:		Alt No: FC 7 AN/SPN-43	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45443-21) FC 7 AN/SPN-43C, STABILIZATION IMPROVEMENT MOD, NOT ACCOMPLISHED.	ACCOMPLISH FC 7 AN/SPN-43C WHICH REPLACES STABILIZATION MOTORS WITH HIGH RELIABILITY, HERMETICALLY SEALED MOTORS. STABILIZATION CONTROL BOX AND PEDESTAL J-BOX WILL BE REMOVED AND REPLACED WITH MODIFIED UNITS.

Task/Abbreviation: O-45443-022- -FC 71295 AN/SPN-43C - ACCOMP			MJC: CXSAO239		Rev Date: 5/25/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: FC 71295 SPN43
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45443-22) FC 71295 AN/SPN-43C, FC 8 STABLE LOCAL OSCILLATOR (STALO), NOT ACCOMPLISHED.	ACCOMPLISH FC 71295 AN/SPN-43C FC 8, WHICH REPLACE COMPONENTS IN THE RADARS RECEIVER THAT ARE OBSOLETE. AN/SPN-43C STABLE LOCAL OSCILLATOR (STALO), REFERENCE OSCILLATOR ABD 21 REFERENCE CRYSTALS WILL BE REPLACED WITH A FREQUENCY SYNTHESIZER. POC: NHI PHUNG, 301-995-6478, NHI.PHUNG@NAVY.MIL.

Task/Abbreviation: O-45443-023- -FC 71209 AN/SPN-43C - ACCOMP				MJC: CXSAO424		Rev Date: 9/12/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No: FC 71209 SPN43	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45443-23) FC 71209 AN/SPN-43C, FC 6 TILT METER REPLACEMENT, NOT ACCOMPLISHED.	ACCOMPLISH FC 71209 AN/SPN-43C FC 6, WHICH REPLACES OBSOLETE ANTENNA TILT METER IN THE RADAR SET CONTROL.

Task/Abbreviation: I-45511-015- -CV-3372 ANT POSN PROG-MRC ECE2**MJC:** CXECIAM0**Rev Date:** 1/5/2010**RCM Analysis:** 9/6/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-45511-015)THE CV-3372/UPX ANTENNA POSITION PROGRAMMER REQUIRES ASSESSMENT.

ACCOMPLISH THE CV-3372/UPX ANTENNA POSITION PROGRAMMER ASSESSMENT IN ACCORDANCE WITH MRC ECE2 AS FOLLOWS: 1. VERIFY ANTENNA POSITION PROGRAMMER CV-3372/UPX FAN OPERATION. 2. INSPECT ANTENNA AS-3134()/UPX AND ANTENNA POSITION PROGRAMMER CV-3372/UPX, CLEAN IF NECESSARY. REGIONAL MAINTENANCE ACTIVITIES CONDUCTING C5RA/CMAV ASSESSMENTS PERFORM INSPECTION STEPS ONLY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45511-019- -CP-1273 PRCSR CONT- MRC DLF0			MJC: CXECIAM4		Rev Date: 1/5/2010
RCM Analysis: 9/6/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45511-019)THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE SYSTEM (IFF) CP-1273/UPX-24(V) PROCESSOR CONTROLLER REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE SYSTEM (IFF) CP-1273/UPX-24(V) PROCESSOR CONTROLLER ASSESSMENT IN ACCORDANCE WITH MRC DLF0 AS FOLLOWS: 1. PERFORM CP-1273/UPX-24(V) SELF-TEST. 2. TEST CP-1273/UPX-24(V) FC4 CIRCUIT CARD INDICATORS. 3. TEST AN/UPX-24(V) TARGET SYMBOLOGY. 4. TEST AN/UPX-24(V) FC 4 BYPASS UNIT TEST TARGETS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45511-021- -UPX-24 IFF CONT MON - MRC EZT4			MJC: CXECIAM6		Rev Date: 7/12/2010
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45511-021)THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE (IFF) INTERROGATOR SYSTEM UPX-24 CONTROL MONITOR REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE (IFF) INTERROGATOR SYSTEM UPX-24 CONTROL MONITOR ASSESSMENT IN ACCORDANCE WITH MRC EZT4 AS FOLLOWS: 1. TEST MAIN INTERROGATOR SET AN/UPX-27. 2. TEST STANDBY INTERROGATOR SET AN/UPX-27. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45511-022- -C-10064 CONT IND - MRC DLF7			MJC: CXECIAM7		Rev Date: 1/5/2010					
RCM Analysis: 9/6/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45511-022)THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE SYSTEM (IFF) C-10064/UPX-24(V) CONTROL INDICATOR REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE SYSTEM (IFF) C-10064/UPX-24(V) CONTROL INDICATOR ASSESSMENT IN ACCORDANCE WITH MRC DLF7 AS FOLLOWS: 1. TEST CONTROL INDICATOR C-10064/UPX-24(V) READOUT. 2. PERFORM SELF-TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45511-023- -OE-120 IFF ANT GP - MRC DLF8			MJC: CXECIAM8		Rev Date: 1/5/2010
RCM Analysis: 9/6/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45511-023)THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE SYSTEM (IFF) OE-120()/UPX ANTENNA GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE SYSTEM (IFF) OE-120()/UPX ANTENNA GROUP ASSESSMENT IN ACCORDANCE WITH MRC DLF8 AS FOLLOWS: 1. PERFORM ANTENNA GROUP OE-120()/UPX SELF-TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45511-024- -AN/UPX-24 IFF INTRG - MRC EZT0			MJC: CXECIAM9		Rev Date: 1/5/2010
RCM Analysis: 9/6/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45511-024)THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE SYSTEM (IFF) AN/UPX-24(V) INTERROGATOR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE SYSTEM (IFF) AN/UPX-24(V) INTERROGATOR SET ASSESSMENT IN ACCORDANCE WITH MRC EZT0 AS FOLLOWS: 1. PERFORM AN/UPX-29(V) INTERFACE TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45511-027- -AN/UPX-29 IFF SYS - MRC EZT6			MJC: CXECIAN2		Rev Date: 1/5/2010
RCM Analysis: 9/6/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45511-027)THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE SYSTEM (IFF) REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE SYSTEM (IFF) ASSESSMENT IN ACCORDANCE WITH MRC EZT6 AS FOLLOWS: 1. TEST AN/UPX-29(V) WITH FC4, FC5, FC6, OR FC8 BACKUP ANTENNA ISLS AND VIDEO CONTROL PULSE ALIGNMENT. 2. TEST C-8834/UPA-61 OPERATION. 3. TEST STANDBY AN/UPX-27 OR AN/UPX-37 ISLS ALIGNMENT. 4. TEST MAIN AN/UPX-27, UPX-37, OR UPX-41(C) AND OE-120()/UPX RF PULSE ALIGNMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45511-029- -AN/UPX-24 IFF INTRG - MRC EZU1			MJC: CXECIAN4		Rev Date: 1/5/2010
RCM Analysis: 9/6/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45511-029)THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE (IFF) SYSTEM AN/UPX-24(V) INTERROGATOR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE (IFF) SYSTEM AN/UPX-24(V) INTERROGATOR SET ASSESSMENT IN ACCORDANCE WITH MRC EZU1 AS FOLLOWS: 1. TEST AN/UPX-24(V) WITH ROTATING ANTENNA SYSTEM. 2. TEST AN/UPX-24(V) FC 4 BYPASS OPERATION WITH ROTATING ANTENNA SYSTEM. 3. TEST AN/UPX-24(V) FC 4 BYPASS OPERATION WITH OE-120()/UPX ANTENNA SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45511-030- -AN/UPX-29 IFF SYS - MRC FAB2			MJC: CXECIAN5		Rev Date: 1/5/2010
RCM Analysis: 9/6/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45511-030)THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE SYSTEM (IFF) REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE SYSTEM (IFF) ASSESSMENT IN ACCORDANCE WITH MRC FAB2 AS FOLLOWS: 1. MEASURE INTERROGATOR OUTPUT POWER AND RECEIVER SENSITIVITY. 2. TEST INTERROGATOR ISLS ALIGNMENT USING IFF TEST ANTENNA. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45511-052- -XPONDER ANT W/UPM-155-MRC EZP2			MJC: CXECIAP7		Rev Date: 1/5/2010
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45511-052)THE AN/APX-72 OR AN/UPX-28 (V) TRANSPONDER ANTENNA SYSTEM WITH AN/UPM-155 RADAR TEST SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/APX-72 OR AN/UPX-28 (V) TRANSPONDER ANTENNA SYSTEM WITH AN/UPM-155 RADAR TEST SET ASSESSMENT IN ACCORDANCE WITH MRC EZP2 AS FOLLOWS: 1. MEASURE TRANSPONDER ANTENNA SYSTEM VSWR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45511-053- -AN/APX-72, UPX-28 - MRC EZP3			MJC: CXECIAP8		Rev Date: 1/5/2010					
RCM Analysis: 9/6/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45511-053)THE AN/APX-72 OR AN/UPX-28(V) TRANSPONDER SET WITH AN/UPM-155 RADAR TEST SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/APX-72 OR AN/UPX-28(V) TRANSPONDER SET WITH AN/UPM-155 RADAR TEST SET ASSESSMENT IN ACCORDANCE WITH MRC EZP3 AS FOLLOWS: 1. MEASURE POWER SUPPLY VOLTAGE. 2. MEASURE RECEIVER CHARACTERISTICS. 3. TEST SUPPRESSION. 4. MEASURE TRANSMITTED PULSE CHARACTERISTICS. 5. TEST MODE 4. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45511-054- -TS-1843 IFF TEST SET- MRC EZP9			MJC: CXECIAP9		Rev Date: 1/5/2010
RCM Analysis: 9/6/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45511-054)THE MK XII IFF TRANSPONDER W/UPM-155 REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/APX-72, 72A OR AN/UPX-28(V) TRANSPONDER SET WITH AN/UPM-155 ASSESSMENT IN ACCORDANCE WITH MRC EZP9 AS FOLLOWS: 1. MEASURE TRANSPONDER OUTPUT POWER. 2. MEASURE TRANSPONDER OUTPUT FREQUENCY. 3. MEASURE RECEIVER SENSITIVITY. 4. ALIGN TRANSPONDER SET TEST SET TS-1843()/APX. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45511-060- -AS-177()/UPX ANT - MRC EZP1**MJC:** CXECIAQ5**Rev Date:** 1/5/2010**RCM Analysis:** 9/6/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:(I-45511-060)THE AS-177()/UPX ANTENNA
ASSEMBLY REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE AS-177()/UPX ANTENNA ASSEMBLY ASSESSMENT
IN ACCORDANCE WITH MRC EZP1 AS FOLLOWS: 1. INSPECT
AS-177()/UPX ANTENNA ASSEMBLY. 2. WEATHERPROOF ANTENNA
CONNECTORS. REGIONAL MAINTENANCE ACTIVITIES CONDUCTING
C5RA/CMAV ASSESSMENTS PERFORM INSPECTION STEPS ONLY.
REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: A-45511-065- -AER LHD1-03100 - ACCOMP			MJC: CXTYA032		Rev Date: 2/14/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 14,000	ManDays: 116	Alt No: TYLHD 03100
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-45511-65) AER LHD1-03100 - AIMS MK XII IFF SYS UPGRADE, NOT ACCOMPLISHED.	ACCOMPLISH AER LHD-03100 WHICH REPLACES EXISTING IFF INTERROGATORS WITH NEWER AN/UPX-37 DIGITAL INTERROGATORS (DI) TO IMPROVE AIMS MK XII IFF SYSTEM RELIABILITY AND MAINTAINABILITY.

Task/Abbreviation: I-45511-066- -AN/APX-72, UPX-28 - MRC BYZ5			MJC: CEXECIBL0		Rev Date: 1/5/2010
RCM Analysis: 10/23/2006	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45511-066)THE AN/APX-72, -72A, OR AN/UPX-28 TRANSPONDER SET WITH TS-1843()/APX TEST SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/APX-72, -72A, OR AN/UPX-28 TRANSPONDER SET WITH TS-1843()/APX TEST SET ASSESSMENT IN ACCORDANCE WITH MRC BYZ5 AS FOLLOWS: 1. INSPECT POWER SUPPLY FILTER SCREENS. 2. CLEAN TRANSPONDER SET AIR FILTER. 3. INSPECT TRANSPONDER SET. REGIONAL MAINTENANCE ACTIVITIES CONDUCTING C5RA/CMAV ASSESSMENTS PERFORM INSPECTION STEPS ONLY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45511-067- -AN/APX-72, UPX-28 - MRC EZP9			MJC: CXECIBL1		Rev Date: 1/5/2010
RCM Analysis: 9/6/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45511-067)THE AN/APX-72 OR AN/UPX-28(V) TRANSPONDER SET WITH AN/UPM-155 RADAR TEST SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/APX-72 OR AN/UPX-28(V) TRANSPONDER SET WITH AN/UPM-155 RADAR TEST SET ASSESSMENT IN ACCORDANCE WITH MRC EZP9 AS FOLLOWS: 1. MEASURE TRANSPONDER OUTPUT POWER. 2. MEASURE TRANSPONDER OUTPUT FREQUENCY. 3. MEASURE RECEIVER SENSITIVITY. 4. ALIGN TRANSPONDER SET TEST SET TS-1843()/APX. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45511-070- -AN/UPA-61 RF SW GP - MRC EZT6			MJC: CEXECIBL4		Rev Date: 1/5/2010
RCM Analysis: 9/6/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45511-070)THE AN/UPA-61 RF SWITCHING GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UPA-61 RF SWITCHING GROUP ASSESSMENT IN ACCORDANCE WITH MRC EZT6 AS FOLLOWS: 1. TEST AN/UPX-29(V) WITH FC4, FC5, FC6, OR FC8 BACKUP ANTENNA ISLS AND VIDEO CONTROL PULSE ALIGNMENT. 2. TEST C-8834/UPA-61 OPERATION. 3. TEST STANDBY AN/UPX-27 OR AN/UPX-37 ISLS ALIGNMENT. 4. TEST MAIN AN/UPX-27, UPX-37, OR UPX-41(C) AND OE-120()/UPX RF PULSE ALIGNMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45511-081- -OE-120 IFF ANT GP - MRC EZT7			MJC: CXCIBM5		Rev Date: 1/5/2010
RCM Analysis: 9/13/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45511-081)THE OE-120()UPX ANTENNA GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE OE-120()UPX ANTENNA GROUP ASSESSMENT IN ACCORDANCE WITH MRC EZT7 AS FOLLOWS: 1. TEST OE-120()UPX DISLS ALIGNMENT. 2. MEASURE RF TRANSMISSION LINE INSERTION LOSS. 3. MEASURE OMNI RF OUTPUT DISTRIBUTION. 4. MEASURE DIRECTIONAL RF OUTPUT DISTRIBUTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45511-082- -IFF UPX-29 ANT SYS - MRC EZT5			MJC: CXCIBM6		Rev Date: 1/5/2010
RCM Analysis: 9/13/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45511-082)THE AN/UPX-29 IFF SYSTEM ANTENNAS REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UPX-29 IFF SYSTEM ANTENNAS ASSESSMENT IN ACCORDANCE WITH MRC EZT5 AS FOLLOWS: 1. TEST IFF ANTENNA REFLECTED RF POWER. 2. TEST AS-177B/UPX IFF TEST ANTENNA REFLECTED RF POWER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-45511-085- -SHIPALT LHD1-03224K - ACCOMP				MJC: CXSAK101		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost: 255,500		ManDays: 344		Alt No: SALHD 03224 K	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45511-85) SHIPALT LHD1-03224K, TRANSPONDER SET AN/APX-118(V), NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03224K WHICH REMOVES EXISTING IFF TRANSPONDER SET AN/APX-72, AND INSTALLS THE IFF TRANSPONDER SET AN/APX-118(V) WHICH INTERFACES WITH EXISTING IFF SYSTEM AN/UPX-23 OR AN/UPX-27.

Task/Abbreviation: I-45511-090- -AN/APX-118 - MRC FVF5			MJC: CXECICO3		Rev Date: 5/13/2011
RCM Analysis: 1/3/2011	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45511-090)THE AN/APX-118 TRANSPONDER SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/APX-118 TRANSPONDER SET ASSESSMENT IN ACCORDANCE WITH MRC FVF5 AS FOLLOWS: 1. VERIFY MODE 4 CODE FUNCTION.2. TEST C-12664/APX.3. PERFORM RT-1836(C)/APX-118(V) BIT TEST.REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-45511-092- -SHIPALT LHD1-00435K - ACCOMP				MJC: EXSAK645		Rev Date: 5/30/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 160,808		ManDays: 1780		Alt No: SALHD 00435 K	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45511-92) SHIPALT LHD1-00435K, AN/TPX-42A(V)14 W/FC 1 & 2 UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00435K, AN/TPX-42A(V)14 W/FC 1 & 2 UPGRADE WHICH REPLACES THE PRESENTLY INSTALLED AN/TPX-42A(V)12, (V)13 AND (V)14 AMPHIBIOUS AIR TRAFFIC CONTROL DIRECT ALTITUDE AND IDENTITY READOUTS (AATC DAIR) SYSTEM WITH THE AN/TPX-42A(V)14 W/FC 1 (FC1) AND FIELD CHANGE (FC2) AATC DAIR SYSTEM.

Task/Abbreviation: O-45511-094- -FC FC 5 AN/UPX-24(V) - ACCOMP			MJC: CXSAO279		Rev Date: 12/1/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 0		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45511-94) FCÿFCÿ5ÿAN/UPX-24(V), COTSÿBACKPLANEÿANDÿCCAÿ"S, NOT ACCOMPLISHED	ACCOMPLISH FC FC 5 AN/UPX-24(V) WHICH REPLACES THE CURRENT 54 CCA'S WITH 21 OPEN ARCHITECTURE (OSA) COTS/NDI CARDS (INCLUDING A REDUNDANT BYPASS/BACKUP UNIT). THE CURRENT BACKPLANE AND CARD CAGE WILL BE REPLACED WITH A PRINTED CIRCUIT BOARD (PCB) BACKPLANE. TO PREVENT PARTS OBSOLENCE, AND TO UPGRADE TO REQUIREMENTS FOR MODE 5 AND MODE S. POC: S. MOHAMMED (301) 995-8236 AND DAVID MCCRANEY, 301-995-8311, DAVID.CRANEY@IFF.NAVY.MIL, MARK POLO, 301 995 6139, MARK.POLO@IFF.NAVY.MIL OR TRUNG TRAN, 301-995-8726, TRUNG.M.TRAN1@NAVY.MIL

Task/Abbreviation: O-45511-096- -SWD 001.03 TPX-42A(V)13-ACCOMP				MJC: EXSAO163		Rev Date: 3/22/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:		Alt No: SWD 1.03TPX-42	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(O-45511-96) SWD 1.03 TPX-42A (V) 13 SOFTWARE UPGRADE, NOT ACCOMPLISHED				ACCOMPLISH SWD 1.03 WHICH INSTALL TPX-42A (V) 13 SOFTWARE UPGRADE.					

Task/Abbreviation: O-45511-097- -SWD 4.02 TPX-42A (V) 14-ACCOMP				MJC: EXSAO167		Rev Date: 8/31/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No: SWD 4.04TPX-42	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45511-97) SWD 4.02 - SOFTWARE UPGRADE FOR AN/TPX-42 (V) 14, NOT ACCOMPLISHED	ACCOMPLISH SWD 4.02 WHICH UPGRADES THE SOFTWARE FOR AN/TPX-42 (V) 14.

Task/Abbreviation: K-45511-098- -SHIPALT LHD1-03249K - ACCOMP			MJC: EXSAK683		Rev Date: 9/1/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 164,033	ManDays: 1705	Alt No: SALHD 03249 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45511-98) SHIPALT LHD1-03249K, AN/TPX-42A(V)14 UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03249K, AN/TPX-42A(V)14 UPGRADE WHICH REPLACE THE EXISTING AN/TPX-42A(V)13 OR (V)14 W/O FC1 AND FC2 AMPHIBIOUS AIR TRAFFIC CONTROL DIRECT ALTITUDE AND IDENTITY READOUT (AATC DAIR) SYSTEM WITH THE AN/TPX-42A(V)14 W/FIELD CHANGE 1 (FC1) AND FIELD CHANGE (FC2) AATC DAIR SYSTEM. THE AN/TPX-42A(V)14 W/FC1 AND FC2 REPLACES OUT OF PRODUCTION AND NO LONGER MAINTAINABLE EQUIPMENT WITH TWENTY FIRST CENTURY TECHNOLOGY.

Task/Abbreviation: O-45511-100- -SWD 73027 TPX-42A(V) 14-ACCOMP			MJC: EXSAO180		Rev Date: 10/25/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 73027
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45511-100) SWD 73027 AN/TPX-42A(V) 14 - SOFTWARE UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SWD 73027 WHICH UPGRADES THE SOFTWARE FOR AN/TPX-42 (V) 14. "POC" CHARLES CRISMAN, 301-995-6311, CHARLES.CRISMAN@NAVY.MIL.

Task/Abbreviation: O-45511-101- -SWD 71652 TPX-42A(V) 14-ACCOMP			MJC: EXSAO182		Rev Date: 11/15/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 71652
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45511-101) SWD 71652 TPX-42A(V) 14 *001.03 - SOFTWARE UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SWD 71652 WHICH SOFTWARE UPGRADE FROM *001.02 TO *001.03. FOR AN/TPX-42 (V) 14. "POC" CHARLES CRISMAN, 301-995-6311, CHARLES.CRISMAN@NAVY.MIL.

Task/Abbreviation: O-45511-104- -SWD 4.03 TPX-42A(V) 14-ACCOMP				MJC: EXSAO195		Rev Date: 1/12/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No: SWD 4.03	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(O-45511-104) SWD 4.03 TPX-42A(V) 14 - SOFTWARE UPGRADE, NOT ACCOMPLISHED				ACCOMPLISH SWD 4.03 TPX-42A(V) 14 WHICH SOFTWARE UPGRADE FROM 4.03 TO 4.04. "POC" NHI PHUNG, 301-995-6478, NHI.PHUNG@NAVY.MIL.					

Task/Abbreviation: O-45511-108- -SWD 73929 AN/UPX-24 - ACCOMP			MJC: EXSAO210		Rev Date: 5/16/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 73929
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45511-108) SWD 73929 AN/UPX-24(V) - FC 6 AN/UPX-24(V) SWD 1.7.8, NOT ACCOMPLISHED	ACCOMPLISH SWD 73929 AN/UPX-24(V) WHICH REPLACES EXISTING SCSI-2 FLASH DRIVES WITH NEW ONES CONTAINING SOFTWARE VERSION 1.7.8. THIS CORRECTS SOFTWARE TROUBLE REPORTS GENERATED FROM AN/UPX-24(V) FC 5R1 FLEET INSTALLATIONS, DURING ISEA LAB TESTING, AND FROM TEST OBSERVATION REPORTS WRITTEN DURING COMMAND AND DECISION CERTIFICATION TESTING. POC: BRIAN ADAMS, 301-995-8526, BRIAN.L.ADAMS@BAESYSTEMS OR TRUNG TRAN, 301-995-8726, TRUNG.M.TRAN1@NAVY.MIL

Task/Abbreviation: K-45511-109- -SHIPALT LHD1-70430K - ACCOMP			MJC: EXSAK743		Rev Date: 5/9/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 70430 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45511-109) SHIPALT LHD1-70430K, MARK XIIA MODE 5 IFF SYSTEM, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-70430K, MARK XIIA MODE 5 IFF SYSTEM WHICH THE MARK XIIA MODE 5 IFF STANDARD SPECIFICATION IS DOCUMENTED IN NATO STANDARDIZATION AGREEMENT (STANAG) 4193 PARTS V AND VI AND DOD AIMS 03-1000 IFF STANDARD. THE MODE 5 WAVEFORM WAS DESIGNED TO BE COMPATIBLE WITH CURRENTLY DEPLOYED MARK XII AND CIVILIAN MODE SELECT (MODE S) IFF SYSTEMS. MODE 5 ALLOWS THE EXCHANGE OF INFORMATION BETWEEN INTERROGATOR AND TRANSPONDER TO INCLUDE ITEMS SUCH AS POSITIVE ID, PLATFORM IDENTIFICATION NUMBER (PIN), ALTITUDE, LATITUDE/LONGITUDE POSITION, AND MARK XII IFF MODES 1, 2, 3/A, AND C.

Task/Abbreviation: K-45511-122- -SHIPALT LHD1-74470K - ACCOMP			MJC: CXSAK341		Rev Date: 10/10/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 0		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45511-122) SHIPALT LHD1-74470K (SCD 4470), PEOC4I AN/URN-31(V)1 AIS PHASE 1A (SCD 4470), NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-74470K (SCD 4470) WHICH THE AN/URN-31(V)1 AIS PHASE 1A SYSTEM MEETS THE REQUIREMENTS OF COMNAVNETWARCOM 201310Z DEC 05 FOR ALL PLATFORMS. THE AIS ADDRESSES MANY OF THE BIGGEST CONCERNS FACING A COMMANDING OFFICER INCLUDING AN IMPROVED TACTICAL PICTURE OF THE COMMERCIAL TRAFFIC, IMPROVED COMMERCIAL CONTACTS BEYOND THE RADAR HORIZON, AND IMPROVED COLLISION AVOIDANCE. THE MARITIME SHIPS AIS UNITS INCLUDE A TRANSMIT/RECEIVE FUNCTION, WHICH PROVIDES THE VESSELS NAME, CALL SIGN, SIZE, POSITION, DESTINATION, AND NAVIGATIONAL STATUS. THIS SYSTEM IS A "RECEIVE ONLY" (NO TRANSMIT CAPABILITY), THAT IS CERTIFIED BY THE INTERNATIONAL MARITIME ORGANIZATION AND THE UNITED STATES COAST GUARD (USCG). POC, SCOTT RUHLE 619-524-7560, SCOTT.RUHLE@NAVY.MIL

Task/Abbreviation: K-45511-123- -SHIPALT LHD1-74647K - ACCOMP			MJC: CXSAK342		Rev Date: 10/10/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SALHD 74647 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45511-123) SHIPALT LHD1-74647K (SCD 4647) PEOC4I AN/URN-31(V)2 AIS PHASE 2B, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-74647K (SCD 4647) WHICH THE AN/URN-31(V)2 AIS PHASE 2B SYSTEM MEETS THE REQUIREMENTS OF COMNAVNETWARCOM 201310Z DEC 05 FOR ALL FORCE LEVEL PLATFORMS. THE AIS ADDRESSES MANY OF THE BIGGEST CONCERNS FACING A COMMANDING OFFICER INCLUDING AN IMPROVED TACTICAL PICTURE OF THE COMMERCIAL TRAFFIC INCLUDING COMMERCIAL CONTACTS BEYOND THE RADAR HORIZON, AND IMPROVED COLLISION AVOIDANCE. THE MARITIME SHIPS AIS UNITS INCLUDE A TRANSMIT/RECEIVE FUNCTION, WHICH PROVIDES THE VESSELS NAME, CALL SIGN, SIZE, POSITION, DESTINATION, AND NAVIGATIONAL STATUS. THIS PERMANENT CHANGE WILL PROVIDE THE INTEGRATION OF THIS DATA INTO GCCS-M VIA RADIANT MERCURY SYSTEM (SCD 1705). IN ADDITION TO SCD 1705, AN/URN-31(V)1 PHASE 1A (SCD CTN-4470) MUST BE INSTALLED PRIOR TO OR CONCURRENTLY WITH THIS CHANGE. POC, SCOTT RUHLE 619-524-7560, SCOTT.RUHLE@NAVY.MIL

Task/Abbreviation: O-45511-169- -SWD 79281 MKXIIA M5 IFF-ACCOMP			MJC: EXSAO378		Rev Date: 5/26/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 0		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45511-169) SWD 79281 MARK XIIA MODE 5 IFF, MARK XIIA MODE 5 IFF SOFTWARE, NOT ACCOMPLISHED.	AIT. ACCOMPLISH SWD 79281WHICH UPGRADES MARK XIIA MODE 5 IFF SOFTWARE. WHEN SHIPALT 70430K WAS INSTALLED, THE CURRENT SOFTWARE WAS AN/UPX-24(V) SW 2.1.0, AN/UPX-41C SW 5.3 AND AN/APX-123 SW 6.60. SWD 79281 PROVIDES UPDATED MARK XIIA MODE 5 IFF SOFTWARE: AN/UPX-24(V) SOFTWARE 2.1.1, AN/UPX-41C SW 5.4 AND AN/APX-123 SW 6.70. POC: RUSSELL SCHLEETER, 301-872-4892, RUSSELL.SCHLEETER.CTR@NAVY.MIL OR PETER FRASIER, 301-995-7770, PETER.FRASIER@NAVY.MIL.

Task/Abbreviation: I-45511-172- -IFF INTERROGATOR - MRC FJZ7**MJC:** CXECIDG0**Rev Date:** 9/2/2010**RCM Analysis:** 9/6/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 4**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:**

BASELINE

Problem Description:

(I-45511-172) THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE SYSTEM (IFF) REQUIRES ASSESSMENT USING MRC FJZ7.

Recommended Solution:

ACCOMPLISH THE AN/UPX-29 IDENTIFICATION, FRIEND OR FOE SYSTEM (IFF) ASSESSMENT IN ACCORDANCE WITH MRC FJZ7 AS FOLLOWS: 1. TEST MAIN INTERROGATOR AN/UPX-37 OR AN/UPX-41. 2. TEST STANDBY INTERROGATOR AN/UPX-37 OR AN/UPX-41. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-45511-213- -SA 73187 AN/TPX-42A(V) ACCOMP				MJC: EXTAAU2		Rev Date: 4/20/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No: SA LHD 73187	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	SA 73187 NOT ACCOMPLISHED	THIS SCD ADDS THE CAPABILITY FOR THE AN/TPX-42A(V)14 TO PROCESS AND FUSE MODE 5 REPLIES AND DISPLAY MODE 5 TARGETS ON THE OD-220/TPX-42A(V) INDICATOR. THIS SCD ALSO REMOVED OBSOLETE COMPONENTS, PROCESSORS AND SOFTWARE AND REPLACED THEM WITH NON-DEVELOPMENTAL ITEMS (NDI) IN A ROBUST OPEN SYSTEMS ARCHITECTURE TO SUPPORT THE NAVY'S SHIPBOARD OPEN ARCHITECTURE REQUIREMENTS. ECP DOCUMENTATION ATTACHED FOR MORE DETAILED INFORMATION. PARM POC INFO: MR. ERIC ANDERSON, PMA 213, 301-995-4045, ERIC.G.ANDERSON@NAVY.MIL TECHNICAL POC INFO: MR. ERNIE EICHHORN, NAWC-AD 4.5.9.2, 301-995-8103, ERNEST.EICHHORN@NAVY.MIL

Task/Abbreviation: K-45511-214- -SWD 79218 K			MJC: EXSAK992		Rev Date: 4/20/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: SWD 79281 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	SWD 79218 K MARK XIIA MODE 5 IFF SOFTWARE NOT ACCOMPLISHED	THE AN/UPX-24(V) INTERFACES WITH THE ACS, THEREFORE SEA 62 INTEROPERABILITY TESTING IS REQUIRED. THE AN/UPX-41(C) ONLY INTERFACES WITH THE AN/UPX-24(V), SO ONLY SELF CERTIFICATION IS REQUIRED. THE AN/APX-123(V) IS A STAND ALONE SYSTEM, SO ONLY SELF CERTIFICATION IS REQUIRED. ALL ILS SUPPORT REQUIRED FOR THIS CHANGE WAS DEVELOPED AND DELIVERED BY SCD 0430. TECHNICAL POC IS JOE CARUSO, 301-995-6101, JOSEPH.CARUSO@NAVY.MIL

Task/Abbreviation: I-45542-003- -C-11618/TPX-42 CONT - MRC CTW8			MJC: CXECIAQ8		Rev Date: 1/12/2010
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45542-003)THE AN/TPX-42A(V)12, (V)13 INTERROGATOR SET C-11618/TPX-42A(V) INTERROGATOR SET CONTROL AND C-11619 INDICATOR SET CONTROL AND C-11619 INDICATOR CONTROL REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/TPX-42A(V)12, (V)13 INTERROGATOR SET C-11618/TPX-42A(V) INTERROGATOR SET CONTROL AND C-11619 INDICATOR CONTROL ASSESSMENT IN ACCORDANCE WITH MRC CTW8 AS FOLLOWS: 1. PERFORM INDICATION LAMP ILLUMINATION TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45542-008- -AN/TPX-42A - MRC EPP1			MJC: CXECIAR3		Rev Date: 1/12/2010
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45542-008)THE AN/TPX-42A(V)12, (V)13 INTERROGATOR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/TPX-42A(V)12, (V)13 INTERROGATOR SET ASSESSMENT IN ACCORDANCE WITH MRC EPP1 AS FOLLOWS: 1. MEASURE NORMAL RADAR VIDEO AMPLITUDE. 2. MEASURE RADAR PULSE REPETITION TIME (PRT). 3. MEASURE AN/SPN-43C RADAR PRETRIGGER DELAY. 4. MEASURE MTI RADAR VIDEO AMPLITUDE. 5. MEASURE IFF COMPOSITE VIDEO AMPLITUDE. 6. MEASURE MODE TRIGGER AMPLITUDE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45542-009- -WM3202A RCDR-RPDR - MRC FFE1			MJC: CXECIAR4		Rev Date: 4/19/2008
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45542-009)THE AN/TPX-42A(V)13, 14, 14 FC2 INTERROGATOR SET WM3202A WORDSAFE MAXIMA RECORDER-REPRODUCER REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/TPX-42A(V)13, 14, 14 FC2 INTERROGATOR SET WM3202A WORDSAFE MAXIMA RECORDER-REPRODUCER ASSESSMENT IN ACCORDANCE WITH MRC FFE1 AS FOLLOWS: 1. CLEAN RECORDER HEADS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45542-010- -WM3202A RCDR-RPDR - MRC FFE2			MJC: CXECIAR5		Rev Date: 1/12/2010					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45542-010)THE AN/TPX-42A(V)13, 14, 14 FC2 INTERROGATOR SET WM3202A WORDSAFE MAXIMA RECORDER-REPRODUCER REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/TPX-42A(V)13, 14, 14 FC2 INTERROGATOR SET WM3202A WORDSAFE MAXIMA RECORDER-REPRODUCER ASSESSMENT IN ACCORDANCE WITH MRC FFE2 AS FOLLOWS: 1. TEST DAIR VIDEO PLAYBACK AND AUTOMATIC DECK CHANGEOVER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45542-011- -WM3202A RCDR-RPDR - MRC FFE3			MJC: CXECIAR6		Rev Date: 1/12/2010					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45542-011)THE AN/TPX-42A(V)13, 14, 14 FC2 INTERROGATOR SET WM3202A WORDSAFE MAXIMA RECORDER-REPRODUCER REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/TPX-42A(V)13, 14, 14 FC2 INTERROGATOR SET WM3202A WORDSAFE MAXIMA RECORDER-REPRODUCER ASSESSMENT IN ACCORDANCE WITH MRC FFE3 AS FOLLOWS: 1. MEASURE VOX AUDIO THRESHOLD LEVEL AND INPUT AUDIO SIGNAL LEVEL. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45542-012- -AN/TPX-42A(V)14 - MRC A5G1			MJC: EXECIGK5		Rev Date: 11/6/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45542-012)THE AN/TPX-42A(V)14 INTERROGATOR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/TPX-42A(V)14 INTERROGATOR SET ASSESSMENT IN ACCORDANCE WITH A5G1 AS FOLLOWS: 1. PERFORM VISUAL INSPECTION. 2. CONDUCT OPERATIONAL TESTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45542-013- -AN/TPX-42A(V)14 FC1,2-MRC A5G2			MJC: EXECIGK6		Rev Date: 1/12/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45542-013)THE AN/TPX-42A(V)14 WITH FC1 FC2 INTERROGATOR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/TPX-42A(V)14 WITH FC1 FC2 INTERROGATOR SET ASSESSMENT IN ACCORDANCE WITH MRC A5G2 AS FOLLOWS: 1. PERFORM VISUAL INSPECTION. 2. CONDUCT OPERATIONAL TESTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45542-016- -AN/TPX-42A(V)14 FC3-MRC A5L2			MJC: EXECIJ45		Rev Date: 9/1/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-4452-016)THE AN/TPX-42A(V)14 WITH FC3 INTERROGATOR SET REQUIRES ASSESSMENT - MRC A5L2.	ACCOMPLISH THE AN/TPX-42A(V)14 WITH FC3 INTERROGATOR SET ASSESSMENT IN ACCORDANCE WITH MRC A5L2 AS FOLLOWS: 1. PERFORM VISUAL INSPECTION. 2. CONDUCT OPERATIONAL TESTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-45542-017- -SWD 79192 AATCC DAIR			MJC: EXSAK991		Rev Date: 4/20/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: SWD 79192 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASLINE	SWD 79192 K AATCC DAIR, NOT ACCOMPLISHED	THIS SOFTWARE ONLY CHANGE UPGRADES AN/TPX-42A(V)14 W/FC3 (INSTALLED UNDER SCD3187) FROM SW VERSION O/005.00 TO SW VERSION O/005.01; TO CORRECT SEVERAL MEDIUM AND 5 HIGH PRIORITY DEFECTS; AND TO COMPLETE THE CAPABILITY TO INTERFACE WITH THE NAV DATA NETWORK (NDN). SCD 9192 ONLY APPLIES TO THE TPX-42 WITH FC3 CONFIGURATION (SCD3187), THOSE PLATFORMS THAT HAVE NOT YET RECEIVED SCD 3187 WILL HAVE SW VERSION O/005.01 PRE-LOADED ON SCD 3187 EQUIPMENT (FY11 THROUGH FY15)-(LHD 1-8, LHA 6). NAWCAD IS THE NAVAIR APPOINTED SEI- SW CMM LEVEL 3 SOFTWARE CONFIGURATION MANAGER FOR THE TPX-42 AND SHALL PROVIDE APPROPRIATE SVD DOCUMENTATION FOR THE WSI2T.

Task/Abbreviation: K-45609-001- -SHIPALT LHD1-00308K - ACCOMP				MJC: CXSAK102		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost: 250,000		ManDays: 1814		Alt No: SALHD 00308 K	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45609-1) SHIPALT LHD1-00308K, AN/SPQ-9B INSTALLATION, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00308K WHICH INSTALLS THE AN/SPQ-9B WHICH DEVELOPS AND TESTS PERFORMANCE AND RELIABILITY UPGRADES FOR SEARCH RADAR EQUIPMENT TO MEET THE EVOLVING THREAT.

Task/Abbreviation: O-45609-002- -SWD VER 2.1.19 SPQ-9B - ACCOMP				MJC: EXSAO088		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:		Alt No: SWD 2.1.19 SPQ	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-45609-2) SWD 2.1.19, AN/SPQ-9B OPERATIONAL PROGRAM, NOT ACCOMPLISHED	ACCOMPLISH SWD 2.1.19 WHICH CORRECTS THE FOLLOWING PROBLEMS FOR AN/SPQ-9B: IMPROVES SURFACE TRACKER; ANTENNA CALIBRATION PHASE ADVANCE; ADDS A RELATIVE MAST SECTOR; CORRECTS TESTING PROBLEMS; CORRECTS CORRELATOR PROBLEM; AND CEC INTERFACE PROBLEM.

Task/Abbreviation: I-45609-003- -AN/SPQ-9B ANT/PED - INSP/TST			MJC: CEXECIP1		Rev Date: 2/22/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45609-003)THE AN/SPQ-9B RADAR ANTENNA AND PEDESTAL REQUIRES INSPECTION AND TEST.	ACCOMPLISH A VISUAL INSPECTION AND A VOLTAGE STANDING WAVE RATIO (VSWR) AND ROTATIONAL TESTS ON THE AN/SPQ-9B RADAR ANTENNA AND PEDESTAL UTILIZING APPLICABLE MRC CARDS AND TECHNICAL MANUAL ALIGNMENT PROCEDURES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45609-004- -AN/SPQ-9B RDR SET - INSP/TST			MJC: CXECICP2		Rev Date: 2/22/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-45609-004)THE AN/SPQ-9B RADAR SET (LESS ANTENNA AND PEDESTAL) REQUIRES INSPECTION AND TEST.	INSPECT AND TEST THE AN/SPQ-9B RADAR SET (LESS ANTENNA AND PEDESTAL) UTILIZING APPLICABLE MRC CARDS AND TECHNICAL MANUAL ALIGNMENT PROCEDURES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-45609-005- -SHIPALT LHD1-71827K - ACCOMP			MJC: CXSAK188		Rev Date: 9/22/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 210	Alt No: SALHD 71827 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45609-5) SHIPALT LHD1-71827K - AN/SPQ-9B INITIAL INSTALLATION, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71827K WHICH THE AN/SPQ-9B RADAR WILL REPLACE THE MK 23 TARGET ACQUISITION SYSTEM (TAS), PROVIDING ENHANCED ANTI-SHIP MISSILE DEFENSE (ASMD) CAPABILITY BY EXTENDING THE AIR TARGET DETECT/TRACK RANGE AGAINST HIGH-SPEED, LOW ALTITUDE, LOW CROSS-SECTION, SEA SKIMMING MISSILES. THE INSTALLATION OF AN/SPQ-9B RADAR WILL BE COMPLETED BY COMPLETING THE FOLLOWING TASKS: LANDING ALL PRIMARY MISSION EQUIPMENT (PME), COMPLETING CONNECTORIZATION AND HOOK-UP OF CABLES, INSTALLING A DRY AIR SYSTEM, INSTALLING 6 WAVEGUIDES, AND COMPLETING INSTALLATION AND CHECK-OUT (INCO) TESTING. OTHER SYSTEM IMPACTS WILL BE IDENTIFIED DURING SHIPS INSTALLATION DRAWINGS (SIDS) DEVELOPMENT.

Task/Abbreviation: K-45609-006- -SHIPALT LHD1-71947K - ACCOMP			MJC: CXSAK190		Rev Date: 9/27/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 210	Alt No: SALHD 71947K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45609-6) SHIPALT LHD1-71827K - AN/SPQ-9B INITIAL INSTALLATION, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71827K WHICH THE AN/SPQ-9B RADAR WILL REPLACE THE MK 23 TARGET ACQUISITION SYSTEM (TAS), PROVIDING ENHANCED ANTI-SHIP MISSILE DEFENSE (ASMD) CAPABILITY BY EXTENDING THE AIR TARGET DETECT/TRACK RANGE AGAINST HIGH-SPEED, LOW ALTITUDE, LOW CROSS-SECTION, SEA SKIMMING MISSILES. THE INSTALLATION OF AN/SPQ-9B RADAR WILL BE COMPLETED BY COMPLETING THE FOLLOWING TASKS: LANDING ALL PRIMARY MISSION EQUIPMENT (PME), COMPLETING CONNECTORIZATION AND HOOK-UP OF CABLES, INSTALLING A DRY AIR SYSTEM, INSTALLING 6 WAVEGUIDES, AND COMPLETING INSTALLATION AND CHECK-OUT (INCO) TESTING. OTHER SYSTEM IMPACTS WILL BE IDENTIFIED DURING SHIPS INSTALLATION DRAWINGS (SIDS) DEVELOPMENT.

Task/Abbreviation: O-45609-007- -SWD VER 3.3.6 SPQ-9B - ACCOMP**MJC:** EXSAO183**Rev Date:** 11/15/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:****Alt No:** SWD 3.3.6 SPQ**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-45609-7) SWD VER 3.3.6 AN/SPQ-9B (SCD 3001)
OPERATIONAL PROGRAM, NOT ACCOMPLISHED

ACCOMPLISH SWD VER 3.3.6 WHICH THIS SOFTWARE CHANGE RESOLVES TWELVE PROBLEM/CHANGE REPORTS (PCRS) RESULTING IN AN/SPQ-9B OPERATIONAL PROGRAM (OP) 03.03.06 SOFTWARE DELIVERABLE (SWD), AND IMPROVES THE PROMPTNESS OF THE RADARS DATA TRANSFER TO THE COMBAT SYSTEM. OF THE TWELVE PCRS, ONE IS A HIGH PRIORITY WHICH CORRECTS A PROBLEM WITH THE REPORTING OF AN/SPQ-9B TRACK DATA TO THE COMBAT SYSTEM. THE REMAINING MEDIUM AND LOW SOFTWARE CHANGES IMPROVE OR REPAIR BUILT-IN-TEST (BIT) OR FAULT ISOLATION TEST (FIT) PROCEDURES. THE HIGH PRIORITY PCR RESOLVED WITH THIS SOFTWARE CHANGE CORRECTS THE RADARS ASSOCIATION LOGIC USED TO SELECT TRACK DATA REPORTED TO THE COMBAT SYSTEM. WITHOUT THIS CORRECTION TO THE OPERATIONAL PROGRAM, ERRORS IN SPQ-9B TRACK REPORTS MAY OCCUR CORRUPTING THE COMBAT SYSTEM TRACK.

POC: JUDAH NYDEN, 202-203-6191,
JUDAH.NYDEN@BAESYSTEMS.COM.

Task/Abbreviation: K-45609-008- -SHIPALT LHD1-71065K - ACCOMP**MJC:** CXSAK276**Rev Date:** 5/10/2007**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10**ManDays:** 10**Alt No:** SALHD 71065 K**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-45609-8) SHIPALT LHD1-71065K - AN/SPQ-9B
TRANSMITTER UPGRADE, NOT ACCOMPLISHED

ACCOMPLISH SHIPALT LHD1-71065K WHICH THE INSTALLATION COST IDENTIFIED ON THE CBA ARE FOR LHD-8, LPD-17, 18 AND 20, AND NSWC PHD SWEF. THIS CHANGE WAS INCORPORATED IN THE FY04 PRODUCTION SYSTEMS PROCUREMENT AND FUTURE PLANNED PROCUREMENTS WHICH COVERS ALL CGS, LHD-1 AND 7, LHA-R, LPD-19, LPD-21 AND UP. WITH THE TRANSMITTER UPGRADE, INDEPENDENT TRANSMITTERS ARE USED FOR THE AIR AND SURFACE CHANNELS. THIS ELIMINATES CROSS CHANNEL INTERFERENCE, WHICH CAN DEGRADE SYSTEM PERFORMANCE IN STRONG CLUTTER AREAS. TO ACCOMMODATE THE INDEPENDENT CHANNEL OPERATION, CHANGES ARE MADE TO THE RECEIVER AND ANTENNA UNITS. THE CHANGE WILL CONSIST OF MODIFYING THE EXISTING WAVEGUIDE RUNS AND INSTALLING NEW CABLING AND AIR LINES TO SUPPORT THE UPGRADED TRANSMITTER CONFIGURATION. PLEASE REFER ALL QUESTIONS AND COMMENTS CONCERNING THE CONTENT OF THIS SCD AND THE EQUIPMENT CHANGE TO THE POC. STEFANIE DOYLE, STEFANIE.DOYLE@NAVY.MIL, (202)781-1947.

Task/Abbreviation: I-47111-004- -AN/SLQ-32 CLG SYS - INSP/TST			MJC: OXECI023		Rev Date: 3/16/1999
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47111-004)THE CHILLED WATER SYSTEM, HEAT EXCHANGER AND DEMINERALIZED WATER COOLING LOOP OF THE AN/SLQ-32(V)() COUNTERMEASURES SET COOLING WATER SYSTEM REQUIRES INSPECTION.	INSPECT AND TEST THE CHILLED WATER SYSTEM, HEAT EXCHANGER AND DEMINERALIZED WATER COOLING LOOP OF THE AN/SLQ-32(V)() COUNTERMEASURES SET COOLING WATER SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-47111-006- -AN/SLQ-32 CLG SYS - RPR			MJC: OXECQ022		Rev Date: 5/13/1999
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47111-006)HEAT EXCHANGER REQUIRES REPAIR	REPAIR THE CHILLED WATER SYSTEM AND THE DEMINERALIZED WATER COOLING LOOP OF THE AN/SLQ-32(V)() COUNTERMEASURES SET COOLING WATER SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS. ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLING WATER HEAT EXCHANGER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE WATER BOXES FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. A. REPLACE COOLER TUBES. B. REPLACE COOLER ZINCS. C.REPAIR TUBE SHEET AND WATERBOX COATING. AFTER COMPLETION OF ALL REPAIRS, ACCOMPLISH A SATISFACTORY OPERATIONAL TEST OF THE COOLING WATER SYSTEM.

Task/Abbreviation: K-47111-012- -SHIPALT LHD1-03093K - ACCOMP			MJC: KXSAK034		Rev Date: 12/9/2004
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: SALHD 03093 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-47111-12) SHIPALT LHD1-03093K, AN/USQ-T47(V) BFTT, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03093K WHICH PROVIDES TESTING AND TRAINING OPERATIONS AS WELL AS MONITORING OF SPECIFIC COMBAT SYSTEM INTERFACE FOR PERFORMANCE ASSESSMENT WITHOUT SYSTEM DEGRADATION. IT WILL PROVIDE A COMMON REACTIVE TARGET GENERATION AND CONTROL SYSTEM WITH GLOBAL REAL WORLD TERRAIN AND ENVIRONMENT GENERATION TO CONDUCT BATTLE FORCE TACTICAL TRAINING (BFTT).

Task/Abbreviation: O-47111-015- -FC 17 AN/SLQ-32A(V)3 - ACCOMP			MJC: CXSAO045		Rev Date: 4/28/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: FC 19 SLQ-32V3
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47111-15) FC-17, AN/SLQ-32A(V)3 (IFM/CFR BLANKING), NOT ACCOMPLISHED	ACCOMPLISH FIELD CHANGE-17 WHICH INSTALLS IFM/CFR BLANKING TO THE AN/SLQ-32A(V)3 COUNTERMEASURES SET. NOTE: AIT IS NSWG PHD; POC IS BRIAN WILES, PHONE 812-854-3426 OR (CELL) 812-384-5319.

Task/Abbreviation: O-47111-070- -FC 22 AN/SLQ-32A(V)3 - ACCOMP			MJC: CXSAO162		Rev Date: 4/28/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 8	Alt No: FC 22 SLQ-32
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47111-70) FC-22, AN/SLQ-32A(V)3 C-BAND SOLUTION, NOT ACCOMPLISHED.	ACCOMPLISH FC-22, AN/SLQ-32A(V)3 C-BAND SOLUTION, WHICH ADDS HARDWARE DEVICES AS NEEDED TO MITIGATE C-BAND SATCOM EMI TO THE BAND 2 ANGLE CHAIN.

Task/Abbreviation: O-47111-071- -FC 24 AN/SLQ-32A(V)3 - ACCOM				MJC: CXSAO163	Rev Date: 4/28/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: FC 24 SLQ-32
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47111-71) FC-24, AN/SLQ-32A(V)3 TVSS-IMPROVE SURGE PROTECTION, NOT ACCOMPLISHED.	ACCOMPLISH FC-24, AN/SLQ-32A(V)3 TVSS-IMPROVE SURGE PROTECTION, WHICH REMOVES THE EXISTING SPIKE ARRESTOR (P/N 845673) IN UNIT 11 AND INSTALLS TVSS (P/N 7118846) TO IMPROVE SAFETY AND PERFORMANCE. THERE ARE ONE (1) OF THESE SPIKE ARRESTORS ON THE 60HZ SIDE AND THREE (3) ON THE 400HZ SIDE OF UNIT 11.

Task/Abbreviation: O-47111-095- -FC 23 AN/SLQ-32(V)5 - ACCOMP			MJC: CXSAO175		Rev Date: 7/11/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 5	Alt No: FC 23 SLQ-32
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47111-95) FC 23 AN/SLQ-32(V)5, HVDU, NOT ACCOMPLISHED	ACCOMPLISH FC 23 AN/SLQ-32(V)5 WHICH CHANGES THE RF MODULES, SPECIFICALLY THE VACUUM SWITCH TO A SOLID STATE SWITCH, AND VARIOUS OTHER INTERNAL COMPONENT CHANGES WITHIN THE HVDU. POC: SCOTT GILLENWATER 812-854-4487, SCOTT.GILLENWATER@NAVY.MIL

Task/Abbreviation: O-47111-096- -FC 26 AN/SLQ-32A(V)3 - ACCOMP			MJC: CXSAO176		Rev Date: 7/6/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No: FC 26 SLQ-32
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47111-96) FC 26 AN/SLQ-32A(V)3, HVPS (PRVD EA FOR SSD), NOT ACCOMPLISHED	ACCOMPLISH FC 26 AN/SLQ-32A(V)3 WHICH PROVIDES CORRECTIVE HARDWARE CHANGES ASSOCIATED WITH FAILURES IN THE AN/SLQ-32A(V)3 HIGH VOLTAGE SUBSYSTEM. THIS REDUCES THE MTBF & IMPROVES OTHER COMPONENTS IN THE HVPS. THE HV IMPROVEMENTS ARE CONJUNCTIVE TO FC23 HIGH VOLTAGE DISTRIBUTION UNIT. POC: TERRI SAULTER 812-854-1479, TERRI.SAULTER@NAVY.MIL

Task/Abbreviation: O-47111-098- -SWD VER 18.00 SLQ-32 - ACCOMP				MJC: EXSAO087		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:		Alt No: SWD 18.00 SLQ	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47111-98) SWD 18.00, SLQ-32 SOFTWARE UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SWD 18.00 WHICH INSTALLS VER 18.00 WHICH LOADS NEW ALGORITHMS AND A THREAT LIBRARY. THIS IS FOR MK 36 EQUIPPED PLATFORMS AND IS INSTALLED W / FC 19(ESE).

Task/Abbreviation: Q-47111-101- -AN/SLQ-32(V)3 ACTR-REPL			MJC: CEXECQ180		Rev Date: 9/7/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 3,200	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47111-101)AN/SLQ-32A(V)3 COUNTERMEASURE SET ACTUATOR FAILED.	REPLACE ACTUATOR. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-47111-103- -AN/SLQ-32(V)3 CKT-T/S, RPR/RE			MJC: CXCQ182		Rev Date: 9/7/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 12,000	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-47111-103)AN/SLQ-32A(V)3 COUNTERMEASURE SET HAS FAULTY BATTLESHORT CIRCUIT.	TROUBLESHOOT BATTLESHORT CIRCUIT AND REPAIR/REPLACE FAULTY COMPONENT. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.			

Task/Abbreviation: Q-47111-104- -AN/SLQ-32(V)3 CBL-REPL			MJC: CXECQ183		Rev Date: 9/7/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 910	ManDays: 6	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47111-104)AN/SLQ-32A(V)3 COUNTERMEASURE SET CABLES MISSING.	REPLACE MISSING CABLES. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-47111-106- -AN/SLQ-32(V)3 DRY AIR-T/S, RP			MJC: CXCQ185		Rev Date: 9/7/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 325	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47111-106)AN/SLQ-32A(V)3 COUNTERMEASURE SET LACKING DRY AIR.	TROUBLESHOOT, AND REPAIR/REPLACE FAULTY COMPONENT. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION. .

Task/Abbreviation: Q-47111-107- -AN/SLQ-32(V)3 LAMP-REPL			MJC: CEXECQ186		Rev Date: 9/7/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 18	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47111-107)AN/SLQ-32A(V)3 COUNTERMEASURE SET HAS FAULTY LAMP.	REPLACE LAMP. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-47111-108- -AN/SLQ-32(V)3 LIQ COOL-T/S			MJC: CEXECQ187		Rev Date: 9/7/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 925	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47111-108)AN/SLQ-32A(V)3 COUNTERMEASURE SET HAS LOW FLOW FROM SHIPS LIQUID COOLANT SUPPLY.	TROUBLESHOOT LIQUID COOLANT SYSTEM AND REPAIR/REPLACE FAULTY COMPONENT. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-47111-109- -AN/SLQ-32(V)3 CONN-TIGHTEN			MJC: CEXECQ188		Rev Date: 9/7/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47111-109)AN/SLQ-32A(V)3 COUNTERMEASURE SET CONNECTORS DISCONNECTED OR LOOSE.	RECONNECT/TIGHTEN CONNECTORS. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-47111-112- -AN/SLQ-32(V)3 WIRES-REPL			MJC: CXECQ191		Rev Date: 9/7/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 255	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47111-112)AN/SLQ-32A(V)3 COUNTERMEASURE SET HAS WORN/DEFECTIVE WIRES.	REPAIR/REPLACE WIRES. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: O-47111-125- -SWD 72284 AN/SLQ-32 - ACCOMP			MJC: CXSAO409		Rev Date: 9/1/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 72284
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47111-125) SWD 72284 AN/SLQ-32 - AN/SLQ-32 S/W UPGRADE VER 18.00, NOT ACCOMPLISHED	ACCOMPLISH SWD 72284 AN/SLQ-32 WHICH INSTALLS THE AN/SLQ-32 SOFTWARE (S/W). VER 18.00 IS AN UPGRADE REQUIRED FOR ALL MK-36 DECOY LAUNCHING SYSTEM (DLS) PLATFORMS IDENTIFIED IN SECTION 2. THIS SOFTWARE UPGRADE WILL ADD NEW ALGORITHM THAT WILL ENHANCE THE SHIP'S SURVIVABILITY BY PROVIDING RF EMITTER INFORMATION TO SUPPORT SITUATIONAL AWARENESS, ENGAGEMENT SUPPORT, ANTI-SHIP MISSILE DEFENSE (ASMD), AND COUNTER-TARGETING/SURVEILLANCE. AN/SLQ-32(V) VER 18.00 IS A CONJUNCTIVE INSTALLATION WITH FIELD CHANGE 19, ELECTRONIC SURVEILLANCE ENHANCEMENTS (ESE). POC: TOM WAPPES, 812-854-5874, TOM.WAPPES@NAVY.MIL.

Task/Abbreviation: O-47111-126- -FC 73207 AN/SLQ-32A(V)- ACCOMP				MJC: CXSAO429	Rev Date: 9/19/2006
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: FC 73207
Referenced Authority:	Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47111-126) FC 73207 AN/SLQ-32A(V)3 - HVDU FC 23 AN/SLQ-32A(V)3, NOT ACCOMPLISHED	ACCOMPLISH FC 73207 AN/SLQ-32A(V)3 WHICH THIS UPGRADED HVDU IN THE AN/SLQ-32(V) IS REQUIRED TO MEET THE GROWING ISSUES OF OBSOLESCENCE IN THE 1970'S AN/SLQ-32 TECHNOLOGY. THE NEW RF MODULES AND SOLID STATE SWITCHES WILL PROVIDE A FASTER SWITCHING CAPABILITY, RESULTING IN A SAVING FROM UNDUE WEAR AND TEAR ON THE HIGH VOLTAGE POWER SUPPLIES (HVPS'S) AND THE TRAVELING WAVE TUBE AMPLIFIERS (TWTA). THE COMBINED EFFORT WILL SIGNIFICANTLY REDUCE THE SPONSOR COST-OF-OWNERSHIP AND SIGNIFICANTLY REDUCE FLEET OPERATIONAL AND MAINTENANCE COST WITH REGARDS TO THE AN/SLQ-32A(V)3 SYSTEM.

Task/Abbreviation: I-47111-129- -AN/SLQ-32AV3 (JRMC) - ASSESS			MJC: EXECIH27		Rev Date: 7/29/2009					
RCM Analysis: 12/10/2007		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 16	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47111-129)THE AN/SLQ-32 COUNTERMEASURES SET REQUIRES ASSESSMENT. THIS ASSESSMENT PROCEDURE HAS BEEN WRITTEN FOR USE BY OFF SHIP MATERIAL CONDITION ASSESSMENT TEAMS AND IS NOT INTENDED FOR SHIP'S FORCE ACCOMPLISHMENT.	ACCOMPLISH THE AN/SLQ-32 COUNTERMEASURES SET ASSESSMENT IN ACCORDANCE WITH MRC A5C4, A5C5, A5C6, A5C7 AND A5C8. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE MATERIAL CONDITION REPORT TO PROJECT TEAM.

Task/Abbreviation: I-47111-141- -AN/SLQ-32AV3,V5 - MRC A5C7			MJC: CXCID25		Rev Date: 7/29/2009					
RCM Analysis: 12/10/2007		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 2	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47111-141)THE AN/SLQ-32 COUNTERMEASURES SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-32 COUNTERMEASURES SET ASSESSMENT IN ACCORDANCE WITH MRC A5C7 AS FOLLOWS: 1. PERFORM INSERTION LOSS AND VOLTAGE STANDING WAVE RATIO (VSWR) MEASUREMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47111-142- -AN/SLQ-32AV3,V5 - MRC A5C6			MJC: CXCID26		Rev Date: 7/29/2009					
RCM Analysis: 12/10/2007		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 2	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47111-142)THE AN/SLQ-32 COUNTERMEASURES SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-32 COUNTERMEASURES SET ASSESSMENT IN ACCORDANCE WITH MRC A5C6 AS FOLLOWS: 1. PERFORM HIGH VOLTAGE CABLE TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47111-143- -AN/SLQ-32AV3,V5 - MRC A5C5**MJC:** CXECID27**Rev Date:** 9/17/2009**RCM Analysis:** 12/10/2007**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-47111-143)THE AN/SLQ-32 COUNTERMEASURES SET REQUIRES ASSESSMENT.

ACCOMPLISH THE AN/SLQ-32 COUNTERMEASURES SET ASSESSMENT IN ACCORDANCE WITH MRC A5C5 AS FOLLOWS: 1. PERFORM INTERLOCK/INDICATOR CHECKOUT TEST. 2. PERFORM BATTLESHORT TEST. 3. PERFORM POWER DISTRIBUTION PANEL, UNIT 211/311 VOLTAGE AND PHASE MEASUREMENTS. 4. PERFORM TRANSIENT VOLTAGE SURGE SUPPRESSOR (TVSS) OPERATIONAL VERIFICATION. 5. PERFORM DISPLAY AND CONTROL CONSOLE (DCC) PRIMARY POWER TEST. 6. PERFORM RACK 1 PRIMARY POWER TEST (ESM). 7. PERFORM RACK 2 PRIMARY POWER TEST (AECM STBY). 8. PERFORM RACK 3 PRIMARY POWER TEST (AECM ON). 9. PERFORM ANTENNA ENCLOSURE PRIMARY POWER TEST. 10. PERFORM ANTENNA PEDESTAL PRIMARY POWER TEST. 11. PERFORM HEAT EXCHANGER PRIMARY POWER TEST (PORT/STBD). 12. PERFORM AIR SYSTEM INSPECTION. 13. PERFORM WAVEGUIDE DRY AIR PRESSURE SYSTEM CHECKOUT. 14. PERFORM LIQUID COOLING SYSTEM CHECKOUT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47111-144- -AN/SLQ-32AV3,V5 - MRC A5C4**MJC:** CXCID28**Rev Date:** 8/28/2009**RCM Analysis:** 12/10/2007**Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 24**Equip/Task:** 1**Matl Cost:****ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-47111-144)THE AN/SLQ-32 COUNTERMEASURES SET REQUIRES ASSESSMENT.

ACCOMPLISH THE AN/SLQ-32 COUNTERMEASURES SET ASSESSMENT IN ACCORDANCE WITH MRC A5C4 AS FOLLOWS: 1. PERFORM RACK ONE INSPECTION. 2. PERFORM RACK TWO INSPECTION. 3. PERFORM RACK THREE INSPECTION. 4. PERFORM DISPLAY CONSOLE INSPECTION. 5. PERFORM HEAT EXCHANGER INSPECTION. 6. PERFORM UNIT 11 INSPECTION. 7. PERFORM AIR AND COOLING SYSTEM INSPECTION. 8. PERFORM ANTENNA PHYSICAL INSPECTION. 9. PERFORM PHYSICAL INSPECTION. 10. PERFORM LOCAL OPERATING MODE TEST. 11. PERFORM NORMAL OPERATING MODE TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47111-145- -AN/SLQ-32AV3,V5 - MRC A5C8**MJC:** CXCID29**Rev Date:** 8/28/2009**RCM Analysis:** 12/10/2007**Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 24**Equip/Task:** 1**Matl Cost:****ManDays:** 6**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-47111-145)THE AN/SLQ-32 COUNTERMEASURES SET REQUIRES ASSESSMENT.

ACCOMPLISH THE AN/SLQ-32 COUNTERMEASURES SET ASSESSMENT IN ACCORDANCE WITH MRC A5C8 AS FOLLOWS: 1. ASSESS DIAGNOSTIC AND OPERATIONAL TESTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47211-017- -AN/USQ-T47 BEWT - INSP/TST			MJC: CXECI424		Rev Date: 10/5/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47211-017)AN/USQ-T47 BATTLE FORCE ELECTRONIC WARFARE TRAINER REQUIRES INSPECTION.	INSPECT AND TEST AN/USQ-T47 BATTLE FORCE ELECTRONIC WARFARE TRAINER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47211-021- -AN/SLA-10B - MRC DTY1**MJC:** EXECIBL3**Rev Date:** 8/28/2009**RCM Analysis:** 12/4/2006**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-47211-021)THE AN/SLA-10B BLANKER-VIDEO MIXER GROUP REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/SLA-10B BLANKER-VIDEO MIXER GROUP ASSESSMENT IN ACCORDANCE WITH MRC DTY1 AS FOLLOWS: 1. MEASURE POWER SUPPLY VOLTAGES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47211-023- -AN/SLA-10B - MRC ETY0				MJC: EXECIBL5		Rev Date: 8/28/2009					
RCM Analysis: 12/4/2006		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47211-023)THE AN/SLA-10B BLANKER-VIDEO MIXER GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLA-10B BLANKER-VIDEO MIXER GROUP ASSESSMENT IN ACCORDANCE WITH MRC ETY0 AS FOLLOWS: 1. INTERFACE EMITTER(S) TO AN/SLA-10B BLANKER-VIDEO MIXER GROUP. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47211-036- -AN/SLA-10B - MRC LP92			MJC: EXECIBM8		Rev Date: 8/28/2009					
RCM Analysis: 12/4/2006		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47211-036)THE AN/SLA-10B BLANKER-VIDEO MIXER GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLA-10B BLANKER-VIDEO MIXER GROUP ASSESSMENT IN ACCORDANCE WITH MRC LP92 AS FOLLOWS: 1. PERFORM CIWS BLANKING ALIGNMENT FOR AN/SLQ-32(V). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE: 1. ASSESSMENT MUST BE ACCOMPLISHED "AT SEA". 2. PERFORM AFTER A CNO AVAILABILITY OR TYCOM AVAILABILITY.

Task/Abbreviation: I-47211-037- -AN/SLA-10B - MRC LP93			MJC: EXECIBM9		Rev Date: 8/28/2009
RCM Analysis: 12/4/2006	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47211-037)THE AN/SLA-10B BLANKER-VIDEO MIXER GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLA-10B BLANKER-VIDEO MIXER GROUP ASSESSMENT IN ACCORDANCE WITH MRC LP93 AS FOLLOWS: 1. PERFORM AN/SLQ-32(V) BLANKING ALIGNMENT FOR AN/SLA-10B WITH FIELD CHANGE 3. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE: 1. ASSESSMENT MUST BE ACCOMPLISHED "AT SEA". 2. PERFORM AFTER A CNO AVAILABILITY OR TYCOM AVAILABILITY.

Task/Abbreviation: I-47211-038- -AN/SLA-10B - MRC LP94**MJC:** EXECIBN0**Rev Date:** 8/28/2009**RCM Analysis:** 12/4/2006**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-47211-038)THE AN/SLA-10B BLANKER-VIDEO MIXER GROUP REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/SLA-10B BLANKER-VIDEO MIXER GROUP ASSESSMENT IN ACCORDANCE WITH MRC LP94 AS FOLLOWS: 1. PERFORM AN/SLQ-32(V) BIT BLANKING ALIGNMENT PROCEDURES. 2. PERFORM DUTY CYCLE ANALYSIS PROCEDURES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE: 1. ASSESSMENT MUST BE ACCOMPLISHED "AT SEA".

Task/Abbreviation: I-47211-039- -AN/SLA-10B - MRC ETY8				MJC: EXECIBN1		Rev Date: 8/28/2009					
RCM Analysis: 12/4/2006		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47211-039)THE AN/SLA-10B BLANKER-VIDEO MIXER GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLA-10B BLANKER-VIDEO MIXER GROUP ASSESSMENT IN ACCORDANCE WITH MRC ETY8 AS FOLLOWS: 1. PERFORM AN/SLQ-32(V) BLANKING ALIGNMENT FOR AN/SLA-10B WITHOUT FIELD CHANGE 3. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE: 1. ASSESSMENT MUST BE ACCOMPLISHED "AT SEA". 2. PERFORM AFTER A CNO AVAILABILITY OR TYCOM AVAILABILITY.

Task/Abbreviation: I-47211-043- -AN/ULQ16 PULSE ANALY- MRC ERQ7			MJC: CXECIAS2		Rev Date: 7/6/2007
RCM Analysis: 12/4/2006	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47211-043)THE AN/ULQ-16 PULSE ANALYZER SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/ULQ-16 PULSE ANALYZER SET ASSESSMENT IN ACCORDANCE WITH MRC ERQ7 AS FOLLOWS: 1. PERFORM PULSE AMPLITUDE MEASUREMENT TEST. 2. PERFORM INPUT ATTENUATOR TEST. 3. CHECK TOA INTERPOLATOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47211-044- -AN/ULQ16 PULSE ANALY- MRC ERQ8			MJC: CXECIAS3		Rev Date: 7/6/2007
RCM Analysis: 12/4/2006		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47211-044)THE AN/ULQ-16 PULSE ANALYZER SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/ULQ-16 PULSE ANALYZER SET ASSESSMENT IN ACCORDANCE WITH MRC ERQ8 AS FOLLOWS: 1. PERFORM PULSE WIDTH RANGE TEST. 2. PERFORM TRIGGER LEVEL TEST. 3. PERFORM ILLUMINATION TIME AND SCAN TIME TEST. 4. PERFORM PRI FINE GRAIN/PRI RANGE TEST. 5. PERFORM TURBOCHARGER TEST. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47211-045- -AN/ULQ16 PULSE ANALY- MRC ERQ9			MJC: CXECIAS4		Rev Date: 8/28/2009
RCM Analysis: 12/4/2006	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47211-045)THE AN/ULQ-16 PULSE ANALYZER SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/ULQ-16 PULSE ANALYZER SET ASSESSMENT IN ACCORDANCE WITH MRC ERQ9 AS FOLLOWS: 1. PERFORM BUILT-IN TEST BITE TEST. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47211-046- -AN/ULQ16 PULSE ANALY- MRC ESK0			MJC: CXECIAS5		Rev Date: 7/6/2007
RCM Analysis: 12/4/2006		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47211-046)THE AN/ULQ-16 PULSE ANALYZER SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/ULQ-16 PULSE ANALYZER SET ASSESSMENT IN ACCORDANCE WITH MRC ESK0 AS FOLLOWS: 1. PERFORM POWER SUPPLY CHECKS. 2. PERFORM CLOCK DIVIDER CHECK AND ALIGNMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47211-047- -AN/ULQ16 PULSE ANALY- MRC ESK9			MJC: CXECIAS6		Rev Date: 7/6/2007
RCM Analysis: 12/4/2006	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47211-047)THE AN/ULQ-16 PULSE ANALYZER SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/ULQ-16 PULSE ANALYZER SET ASSESSMENT IN ACCORDANCE WITH MRC ESK9 AS FOLLOWS: 1. PERFORM VIDEO DIGITIZER ALIGNMENTS. 2. VERIFY VIDEO DIGITIZER ALIGNMENTS. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-47211-068- -AN/SLA-10 CCA-REPL			MJC: CXECQ193		Rev Date: 9/7/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 2,495	ManDays: 3	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47211-068)AN/SLA-10B BLANKER-VIDEO MIXER GROUP CIRCUIT CARD ASSEMBLY FAULTY.	REPAIR/REPLACE CIRCUIT CARD ASSEMBLY. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-47211-069- -AN/ULQ-16 CCA-REPL			MJC: CEXECQ194		Rev Date: 9/7/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 7,007	ManDays: 3	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47211-069)AN/ULQ-16(V)1,2 COUNTERMEASURES RECEIVING SET CIRCUIT CARD ASSEMBLY (CCA) FAULTY.	REPAIR/REPLACE CIRCUIT CARD ASSEMBLY. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: O-47211-080- -SWD BEWT 3.2C SCD330 - ACCOMP			MJC: EXSAO145		Rev Date: 5/16/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:	Alt No: SWD 3.2C BEWT	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47211-80) ACCOMPLISH SWD BEWT 3.2C (SCD330), BEWT 3.2C SOFTWARE UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SWD BEWT 3.2C (SCD330) WHICH IS A PATCH TO THE BEWT AND IS REQUIRED FOR BEWT BASELINE 3.2 BUILDS THAT HAVE THE SSDS.

Task/Abbreviation: O-47211-084- -SWD 72118 BEWT 3.2C - ACCOMP			MJC: CXSAO258		Rev Date: 1/16/2007	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 72118	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47211-84) ACCOMPLISH SWD 72118 BEWT 3.2C r1, BEWT 3.2C SOFTWARE UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SWD 72118 BEWT 3.2C r1 (EQUIVALENT TO SCD 2118) WHICH IS A PATCH THAT CONTAINS MANY ENHANCEMENTS TO THE BEWT SYSTEM INCLUDING SEVERAL TR CORRECTIONS. THE FIXES INCLUDE CORRECTIONS TO THE TERMINAL HOMING PHASE OF MISSILES, AND ALLOWING THE SAVING OF BEWT INTEGRATED TRAINING CONFIGURATIONS. THIS SOFTWARE LOAD IS CONJUNCTIVE WITH THE BFTT 3.2G, BFTT 3.2D1 AND BFTT 3.2D2 AND BFTT 3.2D3 SOFTWARE PROGRAMS AND THE TSSS 2.2E SOFTWARE LOAD (WHERE APPLICABLE). POC: KEVIN ASHLEY 240-387-1000, KASHLEY@GRYPHONLC.COM OR THOMAS "SKIP" O'BRIEN, 812-854-3750, THOMAS.OBRIEN@NAVY.MIL

Task/Abbreviation: O-47211-089- -SWD 73349 BEWT 3.3B - ACCOMP			MJC: CXSAO491		Rev Date: 11/15/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 73349
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47211-89) SWD 73349 BEWT 3.3B, BEWT 3.3B SOFTWARE UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SWD 73349 BEWT 3.3B (EQUIVALENT TO SCD 3349) WHICH ADDRESSES HIGH PRIORITY STRS. BEWT 3.3B WAS DEVELOPED TO INCLUDE HIGH PRIORITY STR FIXES ASSOCIATED WITH ELECTRONIC WARFARE DATABASE AND FILE STRUCTURE PROBLEMS WHICH WERE IDENTIFIED DURING HIGH TRACK LOAD TRAINING SCENARIOS. BEWT 3.3B WILL BE INTEGRATED WITH AT LEAST TWO BFTT SOFTWARE LOADS AT THIS TIME. POC: KEVIN ASHLEY 240-387-1000, KASHLEY@GRYPHONLC.COM

Task/Abbreviation: I-47211-090- -AN/SLA-10B (JPMC) - ASSESS			MJC: EXECIH22		Rev Date: 6/4/2008
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47211-090)THE AN/SLA-10B BLANKER-VIDEO MIXER GROUP REQUIRES ASSESSMENT. THIS ASSESSMENT PROCEDURE HAS BEEN WRITTEN FOR USE BY OFF SHIP MATERIAL CONDITION ASSESSMENT TEAMS AND IS NOT INTENDED FOR SHIP'S FORCE ACCOMPLISHMENT.	ACCOMPLISH THE AN/SLA-10B BLANKER-VIDEO MIXER GROUP ASSESSMENT IN ACCORDANCE WITH MRC LP92. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE MATERIAL CONDITION REPORT TO PROJECT TEAM. NOTE: 1. ASSESSMENT MUST BE ACCOMPLISHED "AT SEA". 2. PERFORM AFTER A CNO AVAILABILITY OR TYCOM AVAILABILITY.

Task/Abbreviation: K-47211-117- -SWD 79246 - ACCOMP			MJC: EXSAKA87		Rev Date: 9/21/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 4	Alt No: SW 79246 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-47211-117) ACCOMPLISH SWD 79246 SSX-1 SSES, AN/SSX-1 BLOCK 1B1 SW REPL, NOT ACCOMPLISHED	AIT INSTALLATION ACCOMPLISH SWD 79246 WHICH REPLACES SURFACE ELECTRONIC WARFARE IMPROVEMENT PROGRAM (SEWIP) AN/SSX-1 SOFTWARE VERSION FROM WINSEI 5.2D TO SEI R1.2.X. THIS ALT IMPROVES THE COMMUNICATION OPERATION OF SOFTWARE ESPECIALLY TO ELIMINATE MAILBOX CRASH AND IMPROVE THE RELIABILITY OF MAILBOX FUNCTION WHEN TRANSMITTING, RECEIVING, AND STORING MESSAGES. IN ADDITION, SINCE SEI RX IS PART OF 1B2, THERE IS NOW COMMONALITY IN SEI PROCESSING BETWEEN BLOCK 1B1 (SSX-1) AND 1B2 (SLQ-32). POC: KEVIN ASHLEY 240-387-1000, KASHLEY@GRYPHONLC.COM, THOMAS O'BRIEN, 812-854-3750, THOMAS.OBRIEN@NAVY.MIL OR TIM GILBERT, 757-672-0037, TIMOTHY.A.GILBERT@NAVY.MIL

Task/Abbreviation: K-47211-118- -FC 79385 K BEWT UPGRADE ACCOMP**MJC:** EXSAO366**Rev Date:** 10/5/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:** 79385**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-47211-118) FC 79385 K BEWT OBSOLESCENCE
UPGRADE, NOT ACCOMPLISHED.AIT INSTALLATION CAPABLE. ACCOMPLISH FC 79385 WHICH
REPLACES THE ENTIRE BEWT BULKHEAD MOUNTED COMPUTER
SYSTEM (BMCS) UNIT. THIS ALTERATION WILL ALSO DELIVER A
BACKUP REMOVABLE HARDDRIVE FOR THE BMCS. AS REQUIRED BY
THE CHANGE TO THE PENTIUM III CPU BOARD, A "Y" CABLE WILL BE
INSTALLED THAT COMBINES THE KEYBOARD MINI-DIN AND
MOUSE/TRACKBALL MINI-DIN CABLES INTO ONE MINI-DIN CABLE.
INTERFACES TO THE AN/SLQ-32 SYSTEM WILL NOT BE AFFECTED.
POC: KEVIN ASHLEY, 240-387-1000, KASHLEY@GRYPHONLC.COM OR
TIM GILBERT, 757-672-0037, TIMOTHY.A.GILBERT@NAVY.MIL.

Task/Abbreviation: K-47211-124- -SA 75551 K AN/SSX-1 1B1 SEI			MJC: EXSAK989		Rev Date: 6/29/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: SA 75551 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	SA 75551 K AN/SSX-1 1B1 SEI, NOT ACCOMPLISHED	THE UNIT 1 AN/SSX-1 SEI PROCESSOR WILL BE MOUNTED IN THE 1A3 SLOT OF THE AN/SLQ-32 RACK ONE. THE OPERATOR WORK STATION WILL BE ADJACENT TO THE AN/SLQ-32 UNIT 5 DISPLAY AND CONTROL CONSOLE LOCATED AT THE EW OPERATOR WATCH STATION. THE ANTENNA WILL CONNECT TO THE RECEIVER VIA COPPER RF AND CONTROL CABLES. THE OPERATOR WORK STATION CONNECTS TO THE PROCESSOR UNIT VIA SYSTEM INSTALLED ETHERNET. 60HZ ELECTRONIC EQUIPMENT POWER, SIPR LAN CONNECTION, NAVSSI AND OWN SHIPS HEAD GYRO INFORMATION ARE THE REQUIRED INTERFACES. THE SSX-1 ANTENNA PACKAGE IS CONTROLLED VIA ETHERNET AND POWERED FROM THE UNIT 1 AN/SSX-1 SEI PROCESSOR. THE PACKAGE IS APPROXIMATELY 16 INCHES IN DIAMETER AND 54 INCHES IN HEIGHT. THE ANTENNA PACKAGE WEIGHS APPROXIMATELY 63 POUNDS. THE BELOW DECKS ELECTRONIC CONSIST OF A COMSOL 5020C RECEIVER AND AN AN/UUX-4 PROCESSOR WITH CARD SETS. THE TOTAL WEIGHT OF THE BELOW DECKS EQUIPMENT IS LESS THAN 200 POUNDS.

Task/Abbreviation: I-47311-001- -AN/SLQ25() TORP CM - INSP/TST			MJC: CXECI077		Rev Date: 7/15/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47311-001)THE AN/SLQ-25() TORPEDO COUNTERMEASURE SET, WINCH ASSEMBLY, TOWING CABLES AND TOWED BODIES (NIXIE) REQUIRES INSPECTION.	INSPECT AND TEST THE AN/SLQ-25() TORPEDO COUNTERMEASURE SET, WINCH ASSEMBLY, TOWING CABLES AND TOWED BODIES (NIXIE). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-47311-005- -EC 9 AN/SLQ-25A - ACCOMP			MJC: CXSAO145		Rev Date: 4/27/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 5	Alt No: EC 9 AN/SLQ25A
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47311-5) EC-9 AN/SLQ-25A, CIRCUIT BREAKERS CHANGE OUT, NOT ACCOMPLISHED	ACCOMPLISH EC-9, AN/SLQ-25A CIRCUIT BREAKERS CHANGE OUT, WHICH REPLACES EXISTING RECTIFIER ASSEMBLIES A1-A3 AND CIRCUIT BREAKER ASSEMBLIES CB1-CB3 IN TRANSFORMER DRAWER A9 OF UNIT 2 WITH ASSEMBLIES MODIFIED TO IMPROVE RELIABILITY OF SYSTEMS OUTFITTED WITH COTS POWER AMPLIFIERS. SAME AS EC73620. POC: KENNETH SPRING, 757-443-3812, KENNETH.SPRINGS@NAVY.MIL OR KIETH GILKEY, 757-396-0800 X259, KIETH.GILKEY@NAVY.MIL

Task/Abbreviation: O-47311-009- -EC 14 AN/SLQ-25A - ACCOMP			MJC: CXSAO151		Rev Date: 4/27/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: EC 14 SLQ-25A
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47311-9) EC-14 AN/SLQ-25A, UNIT 2 DRAWER SLIDES UPGRADE, NOT ACCOMPLISHED.	ACCOMPLISH EC-14 AN/SLQ-25A WHICH REPLACES EXISTING DRAWER SLIDES WITH NEW DRAWER SLIDES TO ELIMINATE OBSOLESCECENT PARTS ISSUE.

Task/Abbreviation: O-47311-010- -EC 15 SLQ-25A LFOTC - ACCOMP			MJC: CXSAO168		Rev Date: 6/7/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 3	Alt No: EC 15 TOW CBL
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47311-10) EC 15 AN/SLQ-25A LFOTC, LITTORAL FIBER OPTIC TOW CABLE, NOT ACCOMPLISHED.	ACCOMPLISH EC 15 WHICH REPLACES THE EXISTING FIBER OPTIC TOW CABLE (FOTC) WITH A LITTORAL FIBER OPTIC TOW CABLE (LFOTC) WHICH WAS DEVELOPED TO PERMIT THE USAGE OF THE AN/SLQ-25A IN A SHALLOW WATER ENVIRONMENT. POC: THOMAS BIEBER, 717-605-7889, THOMAS.BIEBER@NAVY.MIL

Task/Abbreviation: O-47311-012- -EC 10 AN/SLQ-25A - ACCOMP				MJC: EXSAO124	Rev Date: 9/29/2006
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 2	Alt No: EC 10 AN/SLQ25
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47311-12) EC 10 AN/SLQ-25A, COTS SIGNAL GENERATOR UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH EC 10 AN/SLQ-25A WHICH REPLACES EXISTING SIGNAL GENERATOR DRAWER 2A1 OF UNIT 2 WITH COTS VME SIGNAL GENERATOR DRAWER, ELIMINATING MANY OBSOLESCEENT PARTS ISSUES AS WELL AS FACILITATING FUTURE OPERATIONAL UPGRADE.

Task/Abbreviation: O-47311-013- -EC 12 AN/SLQ-25A - ACCOMP				MJC: EXSAO125		Rev Date: 8/30/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:		Alt No: EC 12	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(O-47311-13) EC 12 AN/SLQ-25A, IMPROVED RELIAILITY OF TURN ON, NOT ACCOMPLISHED				ACCOMPLISH EC 12 AN/SLQ-25A WHICH REPLACES EXISTING POWER ON RESET TIMING SIGNAL WITH AN IMPROVED VERSION THAT WILL REDUCE OR TOTALLY ELIMINATE RANDOM FAILURES THAT OCCUR WHEN POWER IS SWITCHED ON. POC: KENNETH LEONARD 757-424-6311, KEN.LEONARD@GDIT.COM					

Task/Abbreviation: O-47311-016- -EC 16 SLQ-25 SSTD RMC - ACCOMP				MJC: CXSAO202	Rev Date: 8/11/2006
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No: EC 16 AN/SLQ25
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47311-16) EC 16 AN/SLQ-25A SSTD (RMC), RMC UPGRADE, NOT ACCOMPLISHED.	ACCOMPLISH EC 16 AN/SLQ-25A SSTD (RMC) WHICH WAS DEVELOPED TO PERMIT THE USAGE OF THE AN/SLQ-25A SSTD (RMC) IN A SHALLOW WATER ENVIRONMENT. POC: CLYDE MCCOOK, 757-424-6311, CLYDE.MCCOOK@GDIT.COM

Task/Abbreviation: O-47311-020- -EC 73789 SLQ25A LFOTC - ACCOMP				MJC: CXSAO481	Rev Date: 5/9/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: EC 73789
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47311-20) EC 73789 AN/SLQ-25A LFOTC, LITTORAL FIBER OPTIC TOW CABLE, NOT ACCOMPLISHED.	AIT ACCOMPLISH EC 73789 AN/SLQ-25A LFOTC WHICH REPLACES THE EXISTING FIBER OPTIC TOW CABLE (FOTC) WITH A LITTORAL FIBER OPTIC TOW CABLE (LFOTC) WHICH WAS DEVELOPED TO PERMIT THE USAGE OF THE AN/SLQ-25A IN A SHALLOW WATER ENVIRONMENT. REPLACED EC 15. POC: KENNETH LEONARD 757-424-6311, KEN.LEONARD@GDIT.COM OR KEITH GILKEY, 757-396-0800 X259, KEITH.GILKEY@NAVY.MIL OR KEVIN THEROFF, 202-781-1445, KEVIN.THEROFF@NAVY.MIL

Task/Abbreviation: K-47311-030- -SHIPALT LHD1-73789K - ACCOMP			MJC: CXSAK282		Rev Date: 5/18/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 73789 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-47311-30) SHIPALT DDG51-73729K, EC15 AN/SLQ-25A LITTORAL FIBER, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT DDG51-73729K WHICH REPLACES THE TWO FIBER OPTIC TOW CABLES (FOTC). THE AN/SLQ-25A FLEET ANGLE COMPENSATOR FOUNDATIONS NEED TO BE STRENGTHENED BECAUSE OF THE INCREASED LFOTC BREAKING STRENGTH. IT ALSO INCLUDES ADDING ADDITIONAL GUSSETS, CROSS MEMBERS, AND OTHER SUPPORT STRUCTURE TO PROVIDE THE REQUIRED FOUNDATION STRENGTH. IT INCREASES THE SHIPS SURVIVABILITY AND OVERALL PERFORMANCE OF THE AN/SLQ-25A AGAINST A TORPEDO ATTACK IN LITTORAL AND OPEN WATERS. THE PURPOSE OF CHANGE IS TO INCREASE THE OVERALL TORPEDO COUNTERMEASURE EFFECTIVENESS OF THE AN/SLQ-25A SYSTEM BY ALTERING THE TOWING PROFILE OF THE SYSTEM TO BETTER OPTIMIZE THE SYSTEM'S INTERACTION WITH THREATS IN LITTORAL ENVIRONMENTS.

Task/Abbreviation: O-47311-034- -EC 75371 RMC SOFTWARE - ACCOMP**MJC:** CXSAO791**Rev Date:** 7/19/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:** EC 75371**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-47311-34) EC 75371 RMC SOFTWARE
IMPROVEMENT, RMC SOFTWARE IMPROVEMENT,
NOT ACCOMPLISHEDACCOMPLISH EC 75371 WHICH INSTALLS THE NEW THREAT
DETECTION CAPABILITY AND OPERATIONAL ENHANCEMENTS TO
THE AN/SLQ-25A SYSTEM THAT WILL ESTABLISH THE AN/SLQ-25C
SYSTEM. IT PROVIDES THE RMC SOFTWARE IMPROVEMENT WHICH
UPDATES THE AN/SLQ-25A SOFTWARE FOR THE PROPER
OPERATION OF THE RMC MODE TO IMPROVE THE ENHANCED RMC
CAPABILITY OF THE AN/SLQ-25. POC: CLYDE MCCOOK,
757-424-6311, CLYDE.MCCOOK@GDIT.COM OR KEITH GILKEY,
757-396-0800 X259, KEITH.GILKEY@NAVY.MIL

Task/Abbreviation: I-47411-016- -MK 36 DLS SRBOC - MRC A2D5**MJC:** CXECIAS7**Rev Date:** 9/9/2009**RCM Analysis:** 5/1/2007**Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 24**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-47411-016)THE MK 36 DECOY LAUNCHING SYSTEM (DLS) SUPER RAPID BLOOMING OFF-BOARD CHAFF (SRBOC) REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE MK 36 DECOY LAUNCHING SYSTEM (DLS) SUPER RAPID BLOOMING OFF-BOARD CHAFF (SRBOC) ASSESSMENT IN ACCORDANCE WITH MRC A2D5 AS FOLLOWS: 1. PERFORM PHYSICAL INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-47411-028- -ORDALT 16861 - ACCOMP				MJC: CXSAO142	Rev Date: 5/25/2006
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No: OA 16861
Referenced Authority:	Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47411-28) ORDALT 16861, SRBOC SAFE/FIRE SAFETY SWITCH UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 16861 WHICH INSTALLS SRBOC SAFE/FIRE SAFETY SWITCH UPGRADE, TO ADD A SECOND FUNCTIONAL SAFING REQUIREMENT TO PREVENT A SAFETY CONDITION IF A SINGLE WIRE IS SHORTED. THIS ORDALT REWIRES THE SAFE/FIRE SWITCH IN THE MK137 LAUNCHERS AND TWO RELAYS IN THE MK160 POWER SUPPLY.

Task/Abbreviation: O-47411-043- -ORDALT 73007- ACCOMP				MJC: CXSAO408	Rev Date: 8/31/2006
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 73007
Referenced Authority:	Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47411-43) ORDALT 73007, SAFE/FIRE SAFETY SWITCH UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 73007 WHICH MODIFIES THE DECOY LAUNCHING SYSTEM MK 36 IAW ECP NSL-M36-0006, SAFE/FIRE SAFETY SWITCH. THIS REWIRES THE SAFE/FIRE SWITCH IN THE MK 137 LAUNCHER AND TWO RELAYS IN THE MK 160 POWER SUPPLY. THIS REWIRING ADDS A SECOND FUNCTIONAL SAFING REQUIREMENT TO PREVENT A SAFETY CONDITION IF A SINGLE WIRE IS SHORTED. ADDITIONAL WARNING SIGNS ARE ADDED TO THE MK 160 POWER SUPPLY AND CB1. POC: DIANE ACTON, 202-781-1933, DIANE.ACTON@NAVY.MIL.

Task/Abbreviation: O-48211-035- -SWD 72313 SSDS MK2 - ACCOMP				MJC: WXSAB032	Rev Date: 9/25/2006
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 72313
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-48211-35) SWD 72313 SSDS MK2 MOD3A BLD 6.01.06, NOT ACCOMPLISHED	ACCOMPLISH SWD 72313 SSDS MK2 MOD3A BLD 6.01.06 WHICH THE PURPOSE OF THIS CHANGE IS TO INSTALL THE SSDS MK2 MOD3A BUILD 6.01.06 COMPUTER PROGRAM ON BOARD LHD 7 TO SUPPORT THE COMBAT SYSTEM LIGHT OFF (CLSO) AND DEPLOYMENT.

Task/Abbreviation: Q-48223-002- -MK 23 TAS ANT/PED - REPL/TST			MJC: CXECQ059		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48223-002)ANTENNA REQUIRES REPLACEMENT	REPLACE THE MK 48 MOD ()/MK 23 TARGET ACQUISITION SYSTEM RADAR ANTENNA AND PEDESTAL PER CONDITION ASSESSMENT RECOMMENDATIONS AND IN ACCORDANCE WITH THE APPLICABLE TECHNICAL MANUAL. ACCOMPLISH A PRE-INSTALLATION OPERATIONAL TEST OF THE NEW ANTENNA SET AND A VOLTAGE STANDING WAVE RATIO (VSWR) AND INSERTION LOSS TESTS TO THE SHIPBOARD INSTALLED WAVEGUIDE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING. NOTE: 1. IFF IS RELATED MAINTENANCE.

Task/Abbreviation: Q-48223-003- -MK 23 TAS XMTR CLR - REPL/TST			MJC: CXECQ060		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48223-003)COOLER REQUIRES REPLACEMENT	REPLACE THE MK 6 MOD ()/MK 23 SERIES TARGET ACQUISITION SYSTEM (TAS) TRANSMITTER COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE THE TRANSMITTER COOLER AND SHIP TO THE DESIGNATED REPAIR FACILITY. INSTALL REPLACEMENT UNIT. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING. NOTE: 1. CONTACT NAVAL SURFACE WARFARE CENTER PORT HUENEME (CODE 4Y53) FOR TRANSMITTER COOLER INSTRUCTIONS.

Task/Abbreviation: O-48223-004- -ORDALT 16347 - ACCOMP			MJC: CXSAO062		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 16347
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-48223-4) ORDALT 16347, CORRECT MAN ALOFT CIRCUITRY, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 16347 WHICH FOR THE TAS MK 23 MOD 5- 8 STABILIZATION DRIVE CONTROL, MK 150 MOD 1, CORRECTS MAN ALOFT CIRCUITRY. WIRING CHANGE TO P/N 2935275 ASSY.

Task/Abbreviation: I-48223-011- -MK 23 TAS XMTR CLR - MRC FAVE			MJC: CXECI853		Rev Date: 2/23/2011
RCM Analysis: 8/2/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48223-011)THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) MK 6 MOD 1 TRANSMITTER COOLER REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) MK 6 MOD 1 TRANSMITTER COOLER ASSESSMENT IN ACCORDANCE WITH MRC FAVE AS FOLLOWS: 1. TEST TRANSMITTER COOLER (TC) STATUS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-48223-012- -MK 23 TAS RADAR RCVR- MRC FAVK			MJC: CXECI854		Rev Date: 3/25/2011
RCM Analysis: 12/11/2006	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 24	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48223-012) THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) MK 64 MOD 1 RADAR RECEIVER REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) ASSESSMENT IN ACCORDANCE MRC FAVK AS FOLLOWS: 1. TEST RECEIVER MINIMUM DISCERNIBLE SIGNAL. PROVIDE CONDITION REPORT TO MAINTTEAM AND ANY REQUIRED REPAIR JOBS FOR SRA WILL BE SUBMITTED WITH NEW JSNS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

Task/Abbreviation: I-48223-014- -MK 23 TAS RADAR XMTR- MRC FAVN**MJC:** CXECI856**Rev Date:** 2/23/2011**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-48223-014)THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) MK 80 MOD 1 RADAR TRANSMITTER REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) MK 80 MOD 1 RADAR TRANSMITTER IN ACCORDANCE WITH MRC FAVN AS FOLLOWS: 1. TEST RADAR TRANSMITTER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-48223-015- -MK 23 TAS IFF SOT - MRC FMSJ**MJC:** CXECI857**Rev Date:** 2/23/2011**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-48223-015)THE MK 23 (ALL MODS) TARGET
ACQUISITION SYSTEM REQUIRES ASSESSMENT.ACCOMPLISH THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM
ASSESSMENT IN ACCORDANCE WITH MRC FMSJ AS FOLLOWS: 1.
PERFORM TAS MK 23/IFF SYSTEM OPERABILITY TEST. REPORT
CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: I-48223-016- -MK 23 TAS RADAR XMTR- MRC FSVK**MJC:** CXECI858**Rev Date:** 2/23/2011**RCM Analysis:** 2/7/2005**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-48223-016)THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) MK 80 MOD 1 RADAR TRANSMITTER REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) MK 80 MOD 1 RADAR TRANSMITTER ASSESSMENT IN ACCORDANCE WITH MRC FSVK AS FOLLOWS: 1. TEST LOW-VOLTAGE POWER SUPPLY (LVPS) COOLANT FLOW SWITCHES 7A2S4 AND 7A2S5. 2. TEST HIGH-VOLTAGE POWER SUPPLY (HVPS) COOLANT FLOW SWITCH 7A3S2. 3. TEST TRANSMITTER CONTROL UNIT (TCU) COOLANT FLOW SWITCH 7A1S2. 4. TEST TRAVELING WAVE TUBE (TWT) COOLANT FLOW SWITCH 7S1. 5. TEST MICROWAVE ASSEMBLY (MA) COOLANT FLOW SWITCHES 8S1 AND 8S2. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-48223-017- -MK 23 TAS DATA PRCSR- MRC FSTP**MJC:** CXECIC44**Rev Date:** 2/23/2011**RCM Analysis:** 2/1/2005**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-48223-017)THE MK 23 MOD 5 - 8 TARGET ACQUISTION SYSTEM (TAS) AN/UYK-44 DATA PROCESSING SET REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE MK 23 MOD 5 - 8 TARGET ACQUISTION SYSTEM (TAS) AN/UYK-44 DATA PROCESSING SET ASSESSMENT IN ACCORDANCE WITH MRC FSTP AS FOLLOWS: 1. PERFORM POFA BETWEEN TAS AND MK 157 COMPUTER (DATA TRANSFER TEST). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-48223-018- -ORDALT 16964 - ACCOMP**MJC:** EXSAO089**Rev Date:** 9/20/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:** OA 16964**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-48223-18) ORDALT 16964, AIR TANK/RELAY TIME
DELAY, NOT ACCOMPLISHEDACCOMPLISH ORDALT OA 16964 WHICH ADDS A TIMING RELAY TO
THE ELECTRICAL HOUSING IN THE COMPRESSOR DEHYDRATOR
ASSEMBLY. TO PREVENT DAMAGE TO THE COMPRESSOR MOTOR IN
SYSTEM POWER LOSS CONDITIONS OR WHERE THE PRESSURE
EXCEEDS 29 PSIG. THE GAUGE ASSISTS IN PROVIDING FOR MORE
ACCURATE TROUBLESHOOTING. POC: PATRICIA SALDANA
805-228-8131, PATTY.SALDANA@NAVY.MIL.

Task/Abbreviation: O-48223-021- -ORDALT 16962 - ACCOMP			MJC: WXS AO006		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No: OA 16962
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-48223-21) ORDALT 16962, MK32 MOD2 LVP CONNECTORIZATION, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 16962 WHICH INCORPORATES HARDWARE MODIFICATIONS TO THE SOLID STATE TRANSMITTER GROUP MK 73 MOD 2 TO IMPROVE THE MTTR OF THE CONTROLLER LVPS AND PROVIDES AN ENHANCED FAULT ISOLATION CAPABILITY. THIS ALLOWS THE LVPS ASSEMBLIES TO BE POWERED OUTSIDE OF THE CABINET.

Task/Abbreviation: O-48223-022- -ORDALT 16963 - ACCOMP			MJC: WXS AO007		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No: OA 16963
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-48223-22) ORDALT 16963, MK 177/ POWER OPTIMIZATION, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 16963 WHICH MODIFIES THE LOWER POWER AMPLIFIER ASSEMBLY IN THE CONTROLLER CABINET BY REDUCING THE QUANTITY OF MMIC DRIVER AMPLIFIERS. IT PROVIDES THE REQUIRED SSTX POWER OUTPUT AND WILL ALSO SERVE TO MAXIMIZE OUTPUT. THIS IS ACCOMPLISHED BY REMOVAL OF 16 DRIVER AMPLIFIER MMIC MODULES AND ASSOCIATED 16:1 COMBINER ASSEMBLY AND REPLACING THIS WITH AN 8:1 COMBINER ASSEMBLY AND ONLY 8 MMIC POWER AMPLIFIERS. APPLIES TO MK 73 MOD 2 SOLID STATE TRANSMITTER.

Task/Abbreviation: Q-48223-026- -MK-23 TAS RCVR CCA-REP/REPL			MJC: CXECQ213		Rev Date: 5/2/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 15,522	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48223-026)MK 23 TARGET ACQUISITION SYSTEM RECEIVER CIRCUIT CARD ASSEMBLY (CCA) FAULTY.	REPAIR/REPLACE MK 23 TARGET ACQUISITION SYSTEM RECEIVER CIRCUIT CARD. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-48223-027- -MK 23 TAS FLOW SW-REP/REPL			MJC: CXECQ214		Rev Date: 5/2/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 145	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-48223-027)MK 23 TARGET ACQUISITION SYSTEM FLOW SWITCH FAULTY.	REPLACE MK 23 TARGET ACQUISITION SYSTEM FLOW SWITCH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.			

Task/Abbreviation: Q-48223-028- -MK 23 TAS XMTR MODULE-REP/REPL		MJC: CXECQ215	Rev Date: 5/2/2007		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 1,842	ManDays: 2	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48223-028)MK 23 TARGET ACQUISITION SYSTEM RADAR TRANSMITTER MODULE FAULTY.	REPAIR/REPLACE MK 23 TARGET ACQUISITION SYSTEM RADAR TRANSMITTER MODULE. ACCOMPLISH A SATISFACTORY OPERATIONALTEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-48223-029- -MK 23 TAS SUBMICRON FLTR-REPL		MJC: CXECQ216	Rev Date: 5/2/2007		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 78	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48223-029)MK 23 TARGET ACQUISITION SYSTEM RADAR TRANSMITTER SUBMICRON FILTERS FAULTY.	CLEAN/REPLACE MK 23 TARGET ACQUISITION SYSTEM RADAR TRANSMITTER SUBMICRON FILTERS. ACCOMPLISH A SATISFACTORY OPERATIONALTEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: I-48223-031- -MK 23 TAS XMTR CLR - MRC N1W8			MJC: CEXECICO4		Rev Date: 2/23/2011					
RCM Analysis: 6/6/2005		Scheduled: Y		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48223-031)THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) MK 6 MOD 1 TRANSMITTER COOLER REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) MK 6 MOD 1 TRANSMITTER COOLER ASSESSMENT IN ACCORDANCE WITH MRC N1W8 AS FOLLOWS: 1. PERFORM MATERIAL CONDITION INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-48223-032- -MK 23 TAS ANT PED - MRC N1W9				MJC: CEXECICO5		Rev Date: 2/23/2011					
RCM Analysis: 6/6/2005		Scheduled: Y		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48223-032)THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) MK 48 ANTENNA PEDESTAL GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) MK 48 ANTENNA PEDESTAL GROUP ASSESSMENT IN ACCORDANCE WITH MRC N1W9 AS FOLLOWS: 1. PERFORM MATERIAL CONDITION INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-48223-033- -MK 23 TAS ANT PED - MRC N1X2			MJC: CEXECICO6		Rev Date: 2/23/2011					
RCM Analysis: 6/6/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48223-033)THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) MK 48 ANTENNA PEDESTAL GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) MK 48 ANTENNA PEDESTAL GROUP ASSESSMENT IN ACCORDANCE WITH MRC N1X2 AS FOLLOWS: 1. PERFORM VIBRATION ANALYSIS TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. THIS TASK IS TO ONLY BE PERFORMED BY THE ISEA, NSWC PHD.POC: TIM RATTO, (805) 228-6371, TIMOTHY.RATTO@NAVY.MIL. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-48223-034- -MK 23 TAS (JPMC)- ASSESS			MJC: CXECICX3		Rev Date: 3/11/2008					
RCM Analysis: 6/6/2005		Scheduled: Y		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48223-034)THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) REQUIRES ASSESSMENT. THIS ASSESSMENT PROCEDURE HAS BEEN WRITTEN FOR USE BY OFF SHIP MATERIAL CONDITION ASSESSMENT TEAMS AND IS NOT INTENDED FOR SHIPS'S FORCE ACCOMPLISHMENT.	(JPMC ONLY) ACCOMPLISH THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) ASSESSMENT IN ACCORDANCE WITH MIP 4821/850 USING THE FOLLOWING MRC: FAVK, N1W8, N1W9. PROVIDE CONDITION REPORT TO MAINTTEAM AND ANY REQUIRED REPAIR JOBS FOR SRA WILL BE SUBMITTED WITH NEW JSNS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

Task/Abbreviation: K-48223-035- -TAS MK23 S/W UPGRADE				MJC: EXTAAU8		Rev Date: 5/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No: 78146	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	TAS MK 23 MOD 10 S/W UPGRADE NOT ACCOMPLISHED	THIS IS THE SOFTWARE PORTION OF THE TAS MK 23 MOD 10 UPGRADE . THE MK 23 TAS BUILD 4 SOFTWARE UPGRADE PROVIDES THE SOFTWARE MODIFICATIONS TO THREE COMPUTER SOFTWARE CONFIGURATION ITEMS - SWY 4/5 TACTICAL OPERATIONAL PROGRAM (TACOPS), RAM INTERFACE COMMUNICATIONS (RAMIFC) AND MULTI-SENSOR INTEGRATION AND TRACKING SYSTEM (MSITS)

Task/Abbreviation: K-48223-036- -TAS MK 23 H/W UPGRADE				MJC: EXSAKA02		Rev Date: 5/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No: 77917	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	TAS MK 23 MOD10 HARDWARE UPGRADE SWY 45 NOT ACCOMPLISHED	THIS IS THE HARDWARE PORTION OF THE TAS MK 23 MOD 10 UPGRADE OF SWY 4/5 . THE HARDWARE UPGRADE ADDS TWO CIRCUIT CARD ASSEMBLIES TO THE TAS OPEN SYSTEM MODULE UYK-44 COMPUTER. THE HARDWARE UPGRADE ALSO ADDS AN ETHERNET INTERFACE FROM SWY-4/5 TO SYS-2 AND AN ETHERNET INTERFACE FROM SWY-4/5 TO EACH OF TWO CIWS BLOCK 1B BASELINE 2 MOUNTS. THE TAS MK 23 MOD 10 UPGRADE ALSO MODIFIES FAULT CIRCUITRY RELATED TO THE DEACTIVATION OF THE TAS TRANSMITTER (UNIT 7) AND RECEIVER/EXCITER (UNIT 10).

Task/Abbreviation: I-48223-A01- -MK 23 TAS RADAR RCVR- MRC FAVK			MJC: CEXECIDN2		Rev Date: 3/28/2011					
RCM Analysis: 12/11/2006		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 2				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48223-A01) THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) MK 64 MOD 1 RADAR RECEIVER REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 23 (ALL MODS) TARGET ACQUISITION SYSTEM (TAS) ASSESSMENT IN ACCORDANCE MRC FAVK AS FOLLOWS: 1. TEST RECEIVER MINIMUM DISCERNIBLE SIGNAL. PROVIDE CONDITION REPORT TO MAINTTEAM AND ANY REQUIRED REPAIR JOBS FOR SRA WILL BE SUBMITTED WITH NEW JSNS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

Task/Abbreviation: I-48257-001- -MK 57 NSSMS - MRC N1Z8			MJC: CXECI877		Rev Date: 2/23/2011					
RCM Analysis: 12/1/2008		Scheduled: Y		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	THE NATO SEASPARROW SURFACE MISSILE SYSTEM MK 57 MOD 10-14 (NSSMS) MK 9 MOD 1 TRACKER ILLUMINATOR SYSTEM (TIS) REQUIRES ASSESSMENT.	ACCOMPLISH THE NATO SEASPARROW SURFACE MISSILE SYSTEM MK 57 MOD 4-9 (NSSMS) ASSESSMENT IN ACCORDANCE WITH MRC N1Z8 AS FOLLOWS: 1. PERFORM DIRECTOR EXTERNAL INSPECTION. 2. PERFORM DIRECTOR INTERNAL INSPECTION. 3. INSPECT ENVIRONMENTAL SUPPORT CABINET. 4. PERFORM DIRECTOR GROUP BIT OFF-LINE TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-48257-002- -SHIPALT LHD1-70201K - ACCOMP			MJC: WXS AO031		Rev Date: 9/21/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 70201 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-48257-2) SHIPALT LHD1-70201K - NSSMS MK57 HW & SW UPGR MOD 10, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-70201K - NSSMS MK57 HW & SW UPGR MOD 10, WHICH THE MOD 10 NSSMS CONTINUES THE PARADIGM OF THE MOD 6 NSSMS BY FUNCTIONALLY INTEGRATING ALL SYSTEM COMPONENTS INTO A SINGLE SYSTEM. THIS APPROACH PROVIDES MAXIMUM OPERATIONAL FLEXIBILITY. WITH THE ADDITION AND DELETION OF CABINETS, SYSTEM PROCESSING REMAINS DISTRIBUTED ACROSS THE IRP AND SLC. THE MK 30 MOD 0 IRP REPLACES THE TIP AND SDP AND COMBINES THEIR FUNCTIONALITY INTO ONE UNIT BY PROVIDING THE PROCESSING AND INTEGRATION OF EACH TIS, WHILE PERFORMING TARGET RETURN RF PROCESSING. THE MK 34 MOD 0 SLC REPLACES THE LIP AND SIG/LAN CABINETS AND COMBINES THEIR FUNCTIONALITY INTO ONE UNIT BY PROVIDING THE PROCESSING AND INTEGRATION OF EACH GMLS, WHILE ALSO PROVIDING THE INTER-LAN BRIDGE OR GATEWAY FOR THE NSSMS LAN TO THE MK 2 MOD 3 SSDS. THE MOD 10, WHILE REMAINING FUNCTIONALLY INTEGRATED INTO A SINGLE SYSTEM, ADVANCES THE SYSTEM TO A SEGMENTED FUNCTIONAL DESIGN AS A STEP WITH THE US NAVY OPEN ARCHITECTURE INITIATIVE MANDATED FOR FY-08 AND BEYOND TIMEFRAME. THIS CHANGE WILL ALSO INCLUDE THE UPGRADE OF THE NSSMS OPERATIONAL SOFTWARE VERSION 7.1, 7.2, OR 7.3.

Task/Abbreviation: K-48257-003- -SHIPALT LHD1-73824K - ACCOMP			MJC: WWSAK012		Rev Date: 9/2/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 73824 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-48257-3) SHIPALT LHD1-73824K - NSSMS SSTX MK 73 MOD 3 H/W & S, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-73824K - NSSMS SSTX MK 73 MOD 3 H/W & S, WHICH THE CHANGE WILL UPGRADE TRANSMITTER GROUP MK 73 MOD 1 EQUIPMENT CABINETS (CONTROL MONITOR, AMPLIFIER-OSCILLATOR, STATIC FREQUENCY CONVERTER, AND LIQUID COOLER)BY REPLACING OBSOLETE COMPONENTS WITH THEIR MODERN EQUIVALENTS. SSTX SOFTWARE VERSION WILL BE 3.0 AND THE SIGNAL DATA PROCESS (SDP) SOFTWARE WILL BE VERSIONS 0719B. THE RESULTANT MK 73 MOD 3 SOLID STATE TRANSMITTER (SSTX) GROUP LOWERS THE COST OF OWNERSHIP AND INCREASES THE MEANTIME BETWEEN CRITICAL FAILURES (MTBCF), WHILE DECREASING THE MEANTIME TO REPAIR (MTTR).

Task/Abbreviation: I-48291-001- -MK 91 MOD 2/3 GMFCS - INSP/TST		MJC: CXECI090	Rev Date: 7/17/2007		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 2	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48291-001)THE MK 91 SERIES NATO SEA SPARROW MISSILE SYSTEM (NSSMS) FIRE CONTROL SYSTEM REQUIRES INSPECTION.	INSPECT AND TEST THE MK 91 NATO SEA SPARROW MISSILE SYSTEM (NSSMS) SERIES FIRE CONTROL SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-48291-002- -MK 3 NSSMS LIQ CLR - REPL/TST			MJC: CXECQ061		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48291-002)COOLER REQUIRES REPLACEMENT	REPLACE THE MK 3 MOD 0 ELECTRONIC LIQUID COOLER (NATO SEA SPARROW) PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE THE COOLER AND SHIP TO THE DESIGNATED REPAIR FACILITY. INSTALL REPLACEMENT UNIT. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

Task/Abbreviation: Q-48291-003- -MK 78 NSSMS DIR - REPL/TST		MJC: CXECQ081		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,700	ManDays: 60	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48291-003)MK 78 MOD () GUIDED MISSILE DIRECTOR (NATO SEA SPARROW) REQUIRES REPLACEMENT	REPLACE THE MK 78 MOD () GUIDED MISSILE DIRECTOR (NATO SEA SPARROW) PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE THE DIRECTOR AND SHIP TO THE DESIGNATED REPAIR FACILITY. INSTALL REPLACEMENT UNIT. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

Task/Abbreviation: I-48291-009- -MK 91 MOD 2/3 GMFCS - MRC FCRJ			MJC: CXECI882		Rev Date: 2/23/2011					
RCM Analysis: 8/2/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48291-009)THE MK 57 MOD 2 NATO SEASPARROW SURFACE MISSILE SYSTEM (NSSMS) MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) MK 73 MOD 1 TRANSMITTER GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 57 MOD 2 NATO SEASPARROW SURFACE MISSILE SYSTEM (NSSMS) MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) MK 73 MOD 1 TRANSMITTER GROUP ASSESSMENT IN ACCORDANCE WITH MRC FCRJ AS FOLLOWS: 1. PERFORM ARC LOGIC VERIFICATION. 2. PERFORM LIQUID COOLER OPERATIONAL CHECKS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-48291-011- -MK 91 MOD 2/3 GMFCS - MRC FFRK			MJC: CXECI884		Rev Date: 2/23/2011					
RCM Analysis: 8/2/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48291-011)THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) AND MK 29 MOD 1 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) AND MK 29 MOD 1 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) ASSESSMENT IN ACCORDANCE WITH MRC FFRK AS FOLLOWS: 1. TEST PRELOAD CONDITION OF LAUNCHER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-48291-012- -MK 91 MOD 2/3 GMFCS - MRC FMHW			MJC: CXECI885		Rev Date: 2/23/2011					
RCM Analysis: 8/2/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48291-012)THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) ASSESSMENT IN ACCORDANCE WITH MRC FMHW AS FOLLOWS: 1. PERFORM RAPID AUTOMATIC SYSTEM COMMUNICATION TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-48291-013- -MK 91 MOD 2/3 GMFCS - MRC FNZA			MJC: CXECI886		Rev Date: 2/23/2011
RCM Analysis: 8/2/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48291-013)THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) MK 73 MOD 1 TRANSMITTER GROUP REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) MK 73 MOD 1 TRANSMITTER GROUP ASSESSMENT IN ACCORDANCE WITH MRC FNZA AS FOLLOWS: 1. PERFORM SELF-TEST OF RADAR TEST SET AN/APM-383(V)1. 2. PERFORM TRANSMITTER NOISE AND MODULATION TESTS. 3. VERIFY SURFACE MODE POWER AND SURFACE MODULATION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-48291-014- -MK 91 MOD 2/3 GMFCS - MRC FPVG			MJC: CXECI887		Rev Date: 2/23/2011					
RCM Analysis: 8/2/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48291-014)THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) ASSESSMENT IN ACCORDANCE WITH MRC FPVG AS FOLLOWS: 1. PERFORM SYSTEM OPERABILITY TEST (SOT). 2. GENERATE SOT REPORT CARD. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-48291-015- -MK 91 MOD 2/3 GMFCS - MRC FPVJ			MJC: CXECI888		Rev Date: 2/23/2011					
RCM Analysis: 8/2/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48291-015)THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS): MK 157 MOD 3 DIGITAL COMPUTER, MK 16 MOD 2 SYSTEM EVALUATION AND TRAINER (SEAT), AND MK 164 MOD 1 AMPLIFIER-OSCILLATOR REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) ASSESSMENT IN ACCORDANCE WITH MRC FPVJ AS FOLLOWS: 1. PERFORM MINIMUM DISCERNIBLE SIGNAL (MDS) TEST. 2. ADJUST RF POWER OUTPUT FROM TEST TARGET HORN. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-48291-031- -MK16 MOD2 CAMERA - MRC N2D3			MJC: CEXECIBF9		Rev Date: 2/23/2011						
RCM Analysis: 12/11/2006		Scheduled: Y		Sit Reqs:		Qty: 1	Removal Required:				
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:		
Referenced Authority:			Repair Pool:			MCC: 3					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48291-031)THE MK 16 MOD 2 UNIT 1 CAMERA REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 16 MOD 2 UNIT 1 CAMERA ASSESSMENT IN ACCORDANCE WITH MRC N2D3 AS FOLLOWS: 1. INSPECT CAMERA ASSEMBLY MOUNTING HARDWARE. 2. INSPECT CAMERA LENS ASSEMBLY WIPER BLADE. 3. INSPECT WEATHER PROOFING ON CABLE CONNECTORS W83/W88. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE: THIS TASK APPLIES TO THE MK 6 MOD 1 TELEVISION SYSTEM (LLLTV).

Task/Abbreviation: I-48291-033- -MK16 MOD2 CAMERA - MRC N2D5			MJC: CXECIBG1		Rev Date: 2/23/2011					
RCM Analysis: 12/11/2006		Scheduled: Y		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48291-033)THE MK 16 MOD 2 UNIT 1 CAMERA REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 16 MOD 2 UNIT 1 CAMERA ASSESSMENT IN ACCORDANCE WITH MRC N2D5 AS FOLLOWS: 1. INSPECT CAMERA MOUNTING HARDWARE. 2. INSPECT CAMERA LENS ASSEMBLY WIPER BLADE. 3. INSPECT WEATHER PROOFING ON CABLE CONNECTORS W83/W88. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE: THIS TASK APPLIES TO THE MK 6 MOD 2 REARCH TELEVISION SYSTEM (LLLTV).

Task/Abbreviation: I-48291-035- -MK 91 MOD 2/3 GMFCS - MRC N1V4			MJC: CXCIBP2		Rev Date: 6/7/2007
RCM Analysis: 12/11/2006	Scheduled: Y	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 24	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48291-035)THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) MK 78 MOD 1 GUIDED MISSILE DIRECTOR REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) MK 78 MOD 1 GUIDED MISSILE DIRECTOR ASSESSMENT IN ACCORDANCE WITH MRC N1V4 AS FOLLOWS: 1. PERFORM MATERIAL CONDITION INSPECTION OF DIRECTOR. 2. PERFORM MATERIAL CONDITION INSPECTION OF LIQUID COOLER. 3. PERFORM DIRECTOR BIT OFF-LINE TEST. 4. PERFORM SIGNAL DATA PROCESSOR, FAULT ISOLATION (SDPFI) VOL. 1 TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-48291-038- -MK 91 MOD 2/3 GMFCS - MRC N1V6			MJC: CEXECIC45		Rev Date: 2/23/2011					
RCM Analysis: 12/11/2006		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASLINE	(I-48291-038)THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) MK 78 MOD 1 GUIDED MISSILE DIRECTOR REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) MK 78 MOD 1 GUIDED MISSILE DIRECTOR ASSESSMENT IN ACCORDANCE WITH MRC N1V6 AS FOLLOWS: 1. ACQUIRE VIBRATION ANALYSIS DATA FOR NATO SEA SPARROW MISSILE (NSSM) DIRECTOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. THIS TASK IS TO ONLY BE PERFORMED BY THE ISEA, NSWC PHD. POC: : TIM RATTO, (805) 228-6371, TIMOTHY.RATTO@NAVY.MIL. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-48291-039- -MK 91 GMFCS DETECTOR-REPL			MJC: CEXECQ217		Rev Date: 5/2/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48291-039)MK 91 GUIDED MISSILE FIRE CONTROL SYSTEM CONTROL MONITOR MK-107 DETECTOR FAULTY.	REPLACE MK 91 GUIDED MISSILE FIRE CONTROL SYSTEM CONTROL MONITOR MK-107 DETECTOR. PERFORM ALIGNMENT PROCEDURE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-48291-040- -MK 91 GMFCS DETECTOR-REPL			MJC: CXCQ218		Rev Date: 5/2/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 12,000	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48291-040)MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) DETECTOR FAULTY.	REPLACE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) DETECTOR. PERFORM ALIGNMENT PROCEDURE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-48291-041- -MK 91 GMFCS DAMAGED CMPNT-REPL		MJC: CXECQ219	Rev Date: 5/2/2007		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 8,622	ManDays: 5	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48291-041)MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) COMPONENT FAILED.	TROUBLESHOOT, AND REPAIR/REPLACE FAULTY MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM COMPONENT. PERFORM ALIGNMENT PROCEDURE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-48291-042- -MK 91 GMFCS AMPLIFIER-REPL			MJC: CXCQ220		Rev Date: 5/2/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 1,564	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48291-042)MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) AMPLIFIER FAILED.	REPLACE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) AMPLIFIER. PERFORM ALIGNMENT PROCEDURE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-48291-043- -MK 91 GMFCS ATTENUATOR-REPL		MJC: CXECQ221	Rev Date: 5/2/2007		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 2	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48291-043)MK91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) ATTENUATORS DAMAGED.	REPAIR/REPLACE MK91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) ATTENUATORS. PERFORM ALIGNMENT PROCEDURE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-48291-044- -MK 91 GMFCS CCA-REPL			MJC: CXECQ222		Rev Date: 5/2/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 1,463	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48291-044)MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) CIRCUIT CARD ASSEMBLY (CCA)FAULTY.	REPAIR/REPLACE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) CIRCUIT CARD ASSEMBLY (CCA). ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-48291-045- -MK 91 GMFCS CONVERTER-REPL			MJC: CXECQ223		Rev Date: 5/2/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 10,000	ManDays: 6	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48291-045)MK91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) CONVERTER OUT OF ALIGNMENT.	REALIGN MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) CONVERTER, IF PROBLEM STILL EXISTS TROUBLESHOOT, IDENTIFY DAMAGED COMPONENT AND REPAIR/REPLACE COMPONENT. ACCOMPLISH A SATISFACTORY OPERAYIONALTEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION. .

Task/Abbreviation: Q-48291-046- -MK 91 GMFCS DETECTOR-REPL			MJC: CXCQ224		Rev Date: 5/2/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 25,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48291-046)MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) DETECTOR FAULTY.	REPLACE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) DETECTOR. PERFORM ALIGNMENT PROCEDURE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-48291-047- -MK 91 GMFCS LIQ CLR BASE-PRSV			MJC: CXCQ225		Rev Date: 5/2/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASLINE	(Q-48291-047)MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) LIQUID COOLER BASE SEVERELY CORRODED.	CLEAN/PRESERVE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) LIQUID COOLER BASE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-48291-048- -MK 91 GMFCS MODULE-REPL		MJC: CXECQ226	Rev Date: 5/2/2007		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 404	ManDays: 3	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48291-048)MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) MODULE MONITORING CIRCUITRY FAILED.	TROUBLESHOOT, ADJUST, AND REPAIR/REPLACE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) MODULE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-48291-049- -MK 91 GMFCS MODULE-REPL		MJC: CXECQ227	Rev Date: 5/2/2007		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 7,582	ManDays: 3	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48291-049)MK-91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) MODULE FAULTY.	REPAIR/REPLACE MK-91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) MODULE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-48291-050- -MK 91 GMFCS PUMP/MOTOR-REPL		MJC: CXCQ228	Rev Date: 5/2/2007		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 17,662	ManDays: 7	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48291-050)MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) FAULTY/SEIZED PUMP.	REPAIR/REPLACE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM PUMP/MOTOR ASSEMBLY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-48291-051- -MK 91 GMFCS DMGED CMPNT-REPL			MJC: CXECQ229		Rev Date: 5/2/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 18,000	ManDays: 7	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48291-051)MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) MAIN CHANNEL OUT OF ALIGNMENT.	REALIGN MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM RECEIVER. IF PROBLEM STILL EXISTS, TROUBLESHOOT, IDENTIFY AND REPAIR/REPLACE DAMAGED COMPONENTS PARTS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-48291-052- -MK 91 GMFCS APM-383-REPL			MJC: CXECQ230		Rev Date: 5/2/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 7,002	ManDays: 5	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-48291-052)MK-91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) TEST CIRCUITRY FAILS.	TURN IN AN/APM-383 FOR REPLACEMENT. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: O-48291-056- -ORDALT 16961 - ACCOMP			MJC: WXSAB027		Rev Date: 9/20/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 4	Alt No: OA 16961
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-48291-56) ORDALT 16961, MK73 SSTX TO ESSM X-BAND UPLIN, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 16961 WHICH MODIFIES THE HARDWARE WITHIN THE CONTROLLER TO INCORPORATE EVOLVED SEA SPARROW MISSILE (ESSM) UPLINK CAPABILITY INTO THE MK 73 SOLID STATE TRANSMITTER (SSTX).

Task/Abbreviation: O-48291-057- -ORDALT 16968 - ACCOMP			MJC: WXS AO028		Rev Date: 9/20/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: ORDALT 16968
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-48291-57) ORDALT 16968, MK73 SOLID STATE XMTR TEMP/HUM, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 16968 WHICH INCORPORATES STRIP HEATERS FOR TEMPERATURE AND HUMIDITY CONTROL IN THE TRANSMITTER GROUP ELECTRONIC CABINETS. DRIP TRAYS AND CONNECTOR CAPS ARE ALSO BEING INCORPORATED IN THE POWER AMPLIFIER CABINETS. POC: PATRICIA SALDANA 805-228-8131, PATTY.SALDANA@NAVY.MIL.

Task/Abbreviation: O-48291-059- -ORDALT 16965 - ACCOMP				MJC: WXSAB030		Rev Date: 9/20/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 375		Alt No: OA 16965	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-48291-59) ORDALT 16965, MK57 MOD 4-9 UPGRADE MOD 10/11, NOT ACCOMPLISHED	ACCOMPLISH ORDALT OA 16965 WHICH REMOVES AND REPLACES THE MK 9 TRACKER ILLUMINATOR, MK 17 SIGNAL DATA PROCESSOR, MK 26 TRACKER ILLUMINATOR PROCESSOR, MK 73 TRANSMITTER GROUP, MK 29 LAUNCHING SYSTEM, MK 10 CONTROL AND DISPLAY SYSTEM, AND MK 27 LAUNCHER INTERFACE PROCESSOR.

Task/Abbreviation: O-48291-060- -ORDALT 73528 - ACCOMP**MJC:** WXS AO033**Rev Date:** 9/27/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:** OA 73528**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-48291-60) ORDALT 73528 (SCD 3528) - CSCP MK
443 MOD 1 TECH REFRESH, NOT ACCOMPLISHEDACCOMPLISH ORDALT 73528 (SCD 3528) WHICH THE TWO CADU'S
ON THE USS IWO JIMA (LHD 7) WILL BE REMOVED FROM THE SHIP
AND REPLACED WITH COTS TECHNOLOGY REFRESHED CADUS. THE
COTS TECHNOLOGY REFRESH INCREASES THE RANDOM ACCESS
MEMORY (RAM) FROM 64 MEGABYTES (MB) TO 512 (MB) BY
REPLACING FOUR (4) 16 MB MEMORY MODULES WITH FOUR (4) 128
MB MEMORY MODULES AND INCREASES THE HARD DRIVE STORAGE
CAPACITY BY REPLACING THE 3 GIGABYTE (GB) HARD DRIVE WITH A
80 GB HARD DRIVE. THIS INCREASE IN RAM AND HARD DRIVE
STORAGE CAPACITY ALLOWS THE SECURITY, ASSOCIATED WITH
USER ACCESS TO THE CADUS SOFTWARE, TO BE INCREASED BY
REPLACING THE UNSECURED WINDOWS 95 OPERATING SYSTEM
(OS) WITH A MORE SECURE WINDOWS 2000 PROFESSIONAL OS. THE
COTS TECHNOLOGY REFRESH ALSO REPLACES THE CD ROM DRIVE
WITH A CD/DVD DRIVE, ADDS A VIRTUAL KEYBOARD CAPABILITY,
AND ADDS TWO (2) USB PORTS. POC: WILLIAM WATSON,
805-228-0668, WILLIAM.WATSON@NAVY.MIL.

Task/Abbreviation: I-48291-061- -MK91 MOD2/3 GMFCS(JRMC)-ASSESS			MJC: CEXECIW9		Rev Date: 3/11/2008
RCM Analysis: 12/11/2006	Scheduled: Y	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 24	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48291-061)THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM REQUIRES ASSESSMENT. THIS ASSESSMENT PROCEDURE HAS BEEN WRITTEN FOR USE BY OFF SHIP MATERIAL CONDITION ASSESSMENT TEAMS AND IS NOT INTENDED FOR SHIPS'S FORCE ACCOMPLISHMENT.	ACCOMPLISH THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM ASSESSMENT IN ACCORDANCE WITH MIP 4821/851 USING THE FOLLOWING MRC FCSK, N1V4, N1V5. PROVIDE CONDITION REPORT TO MAINTTEAM AND ANY REQUIRED REPAIR JOBS FOR SRA WILL BE SUBMITTED WITH NEW JCNS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

Task/Abbreviation: I-48291-062- -MK16 MOD2 CAMERA (JRMCM)-ASSESS			MJC: CEXECICX2		Rev Date: 3/11/2008					
RCM Analysis: 12/11/2006		Scheduled: Y		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48291-062)THE MK 16 MOD 2 UNIT 1 CAMERA REQUIRES ASSESSMENT. THIS ASSESSMENT PROCEDURE HAS BEEN WRITTEN FOR USE BY OFF SHIP MATERIAL CONDITION ASSESSMENT TEAMS AND IS NOT INTENDED FOR SHIPS'S FORCE ACCOMPLISHMENT.	(JRMCM ONLY) ACCOMPLISH THE MK 16 MOD 2 UNIT 1 CAMERA ASSESSMENT IN ACCORDANCE WITH MIP 5HEK000/850 USING THE FOLLOWING MRC: N2D3, FSNG. PROVIDE CONDITION REPORT TO MAINTTEAM AND ANY REQUIRED REPAIR JOBS FOR SRA WILL BE SUBMITTED WITH NEW JCNS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

Task/Abbreviation: K-48291-063- -SHIPALT LHD1-72021K - ACCOMP			MJC: WXS AO036		Rev Date: 2/26/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 72021 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-48291-63) SHIPALT LHD1-72021K, NSSMS SSTX MK 73 MOD 3 INSTALL, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-72021K, WHICH THIS CHANGE WILL UPGRADE TRANSMITTER GROUP MK 73 MOD 1 EQUIPMENT CABINETS (CONTROL MONITOR, AMPLIFIER-OSCILLATOR, STATIC FREQUENCY CONVERTER, AND LIQUID COOLER) IN ORDER TO REPLACE OBSOLETE COMPONENTS WITH THEIR MODERN EQUIVALENTS. SSTX SOFTWARE VERSION WILL BE 3.0 AND THE SIGNAL DATA PROCESS (SDP) SOFTWARE WILL BE VERSIONS 0719B. THE RESULTANT MK 73 MOD 3 SOLID STATE TRANSMITTER (SSTX) GROUP LOWERS THE COST OF OWNERSHIP AND INCREASES THE MEANTIME BETWEEN CRITICAL FAILURES (MTBCF), WHILE DECREASING THE MEANTIME TO REPAIR (MTTR). POC: JOHN BOWDEN, 703-607-6594, BOWDENJJ@NATOSEASPARROW.ORG.

Task/Abbreviation: O-48291-064- -ORDALT 74710 - ACCOMP**MJC:** CXSAO907**Rev Date:** 2/26/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:****Alt No:** OA 74710**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-48291-64) ORDALT 74710, NSSMS XMTR 3.2 S/W,
NOT ACCOMPLISHED

ACCOMPLISH ORDALT 74710 WHICH PROVIDES NSSMS MK 57 WITH THE MK73 TRANSMITTER CONTROL PROGRAM (TCP) MODIFICATIONS INCORPORATED IN VERSION 3.2 CORRECT SYSTEM INTEGRATION ANOMALIES, IMPROVES MK73 PERFORMANCE AND PROVIDES MORE TOLERANT FAULT REPORTING. A SIGNIFICANT SAFETY/PERFORMANCE-RELATED ISSUE IS RESOLVED WHEN TCP VERSION 3.2 IS INSTALLED IN CONJUNCTION WITH NSSMS TACTICAL SOFTWARE BUILD 8.1 IN MK 57 MOD 10-13 CONFIGURATIONS. TCP VERSION 3.2 UTILIZES THE MK57-TO-MK73 ETHERNET INTERFACE IN PARALLEL WITH THE EXISTING DISCRETE SIGNAL INTERFACE FOR RADIATION CONTROL AND STATUS MANAGEMENT. THIS REDUNDANT SIGNAL PATH IN CONJUNCTION WITH IMPROVED DECISION LOGIC SIGNIFICANTLY MINIMIZES THE PROBABILITY OF RADIATING INTO RADHAZ ZONES. THIS SOFTWARE IS INTERNAL TO THE MK73 SOLID STATE TRANSMITTER AND NO SEA 62 INTEROPERABILITY OR OTHER CERTIFICATION IS REQUIRED.

Task/Abbreviation: O-48291-065- -ORDALT 76719 - ACCOMP**MJC:** CXSAOA62**Rev Date:** 11/25/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:** OA 76719**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-48291-65) ORDALT 76719, NSSMS TRANSMITTER
CONTROL PROGRAM 3.3 S/W , NOT ACCOMPLISHED

ACCOMPLISH ORDALT 76719 WHICH PROVIDES AN UPDATE TO ADDRESS A COMMERCIAL-OFF-THE SHELF (COTS) END OF LIFE ISSUE. THE REPLACEMENT PCI MEZZANINE CARD (PMC613ST) REQUIRES A DIFFERENT DRIVER THAN THE CURRENT CARD (PMC663ST). THE REPLACEMENT PMCS ARE EXPECTED TO ENTER THE NAVY PARTS INVENTORY BY END OF FY08, BUT WITHOUT A TCP SOFTWARE UPDATE, THE NEW CARDS WILL NOT WORK. CURRENTLY, THIS ISSUE IS BEING ADDRESSED THROUGH PARTS MANAGEMENT TO ENSURE THAT PMC663ST COMPONENTS ARE NOT INSTALLED IN LOCATIONS WHERE THIS ISSUE WOULD CREATE AN IMPACT. HOWEVER, THERE ARE NOT ENOUGH PARTS IN INVENTORY TO SUPPORT THIS ISSUE INDEFINITELY. IT IS NOT ECONOMICAL TO CHANGE ALL THE CARDS INSTALLED IN THE NSSMS WITH THE REPLACEMENT CARDS. THIS SCD IS REQUIRED TO INSTALL THE LATEST INTERNAL EQUIPMENT SOFTWARE VERSION 3.3 WHICH ALLOWS THE TRANSMITTER TO WORK WITH EITHER CARD. VERSION 3.3 WILL SUPERSEDE 3.2 SOFTWARE VERSION WHERE NOT YET INSTALLED.

Task/Abbreviation: I-48291-066- -MK 9 MOD 1 TIS - MRC FVfV**MJC:** EXECIIM5**Rev Date:** 2/23/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 24**Equip/Task:** 1**Matl Cost:****ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-48291-066)THE MK 9 MOD 1 TRACKER ILLUMINATOR SYSTEM (TIS) AND MK 29 MOD3 GUIDED MISSILE LAUNCHING SYSTEM REQUIRES ASSESSMENT

ACCOMPLISH THE MK 9 MOD 1 TRACKER ILLUMINATOR SYSTEM (TIS) AND MK 29 MOD3 GUIDED MISSILE LAUNCHING SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC FVfV AS FOLLOWS: 1. TEST PRELOAD CONDITION OF LAUNCHER. 2. PERFORM POWER CUT-OFF FIRING WITH CB 47-54 OFF. 3. PERFORM POWER CUT-OFF FIRING WITH CB 47-54 ON. 4. PERFORM MOTOR FIRE TEST. 5. PERFORM STEPOVER FIRING. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-48291-067- -MK 91 MOD 2/3 GMFCS - MRC N4V0			MJC: CXCIDF0		Rev Date: 2/23/2011					
RCM Analysis: 12/11/2006		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48291-067)THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) MK 78 MOD 1 GUIDED MISSILE DIRECTOR REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) MK 78 MOD 1 GUIDED MISSILE DIRECTOR ASSESSMENT IN ACCORDANCE WITH MRC N4V0 AS FOLLOWS: 1. PERFORM DIRECTOR BIT OFF-LINE TEST FOR NATO SEA SPARROW MISSILE (NSSM) DIRECTOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-48291-068- -MK 91 MOD 2/3 GMFCS - MRC N4V1**MJC:** CXECIDF1**Rev Date:** 2/23/2011**RCM Analysis:** 12/11/2006**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-48291-068)THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) MK 78 MOD 1 GUIDED MISSILE DIRECTOR REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE MK 91 MOD 2/3 GUIDED MISSILE FIRE CONTROL SYSTEM (GMFCS) MK 78 MOD 1 GUIDED MISSILE DIRECTOR ASSESSMENT IN ACCORDANCE WITH MRC N4V1 AS FOLLOWS: 1. PERFORM SIGNAL DATA PROCESSOR FAULT ISOLATION (SDPFI) FOR NATO SEA SPARROW MISSILE (NSSM) DIRECTOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-48291-A01- -MK16 MOD2 CAMERA - MRC FSNG			MJC: CEXECIDN1		Rev Date: 3/25/2011					
RCM Analysis: 12/11/2006		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 2				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48291-A01)THE MK 16 MOD 2 UNIT 1 CAMERA REQUIRES ASSESSMENT.	ACCOMPLISH THE LOW LIGHT LEVEL TELEVISION (LLLTV) MK 16 MOD 2 UNIT 1 CAMERA SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC FSNG AS FOLLOWS: 1. PERFORM LOW LIGHT LEVEL TELEVISION SYSTEM OPERABILITY TEST. PROVIDE CONDITION REPORT TO MAINTTEAM AND ANY REQUIRED REPAIR JOBS FOR SRA WILL BE SUBMITTED WITH NEW JSNS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

Task/Abbreviation: I-48291-A02- -MK 9 MOD 1 TIS - MRC FVPN			MJC: EXECIKE8		Rev Date: 5/10/2011
RCM Analysis: 6/1/2010	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48291-A02)THE MK 9 MOD 1 TRACKER ILLUMINATOR SYSTEM (TIS) REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 9 MOD 1 TRACKER ILLUMINATOR SYSTEM (TIS) ASSESSMENT IN ACCORDANCE WITH MRC FVPN AS FOLLOWS: 1. PERFORM SYSTEM OPERABILITY TEST (SOT). 2. PERFORM RADIATION BURST TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-48402-001- -AN/USG-2 CEC - MRC N1F5			MJC: CXECI930		Rev Date: 10/3/2010					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 6	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-48402-001)THE AN/USG-2 COOPERATIVE ENGAGEMENT CAPABILITY REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/USG-2 COOPERATIVE ENGAGEMENT CAPABILITY ASSESSMENT IN ACCORDANCE WITH MRC N1F5 AS FOLLOWS: 1. PERFORM MATERIAL CONDITION INSPECTION. 2. PERFORM SYSTEM OPERABILITY TEST (SOT). 3. PERFORM CENTRALIZED MBIT. 4. PERFORM DISPLAY TEST. 5. PERFORM FIXED FREQUENCY TIME SYNC (FFTS) TRANSMIT/RECEIVE. 6. ESTABLISH NETWORK COMMUNICATIONS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-48402-011- -EC 70902 AN/USG2 EC60 - ACCOMP			MJC: CXSAO332		Rev Date: 9/27/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: EC 70902
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-48402-11) EC 70902 (SCD 0902) AN/USG-2 EC-60 - 2.1.7.0.0 AN/USG-2TR SW, NOT ACCOMPLISHED	ACCOMPLISH EC 70902 (SCD 0902) AN/USG-2 EC-60 WHICH DOCUMENTS THE INITIAL BUILD CONTENTS OF CEC COMPUTER SOFTWARE CONFIGURATION ITEMS REQUIRED TO OPERATE WITH ALL CLASSES OF SHIPS AND LAND-BASED TEST SITES (LBTS). THIS BUILD SUPPORTS MOTOROLA 167/167PA PROCESSOR INTERCHANGEABILITY AS DESCRIBED IN ECP CEC-0429R4 AND MOTOROLA 5110 PROCESSOR PART NUMBER (P/N) CHANGES AS DESCRIBED IN ECP CEC-0455R1. THE COMPUTER SOFTWARE CONFIGURATION ITEMS (CSCI) INCLUDED IN THIS RELEASE OF 2.1.7.0.0QC SOFTWARE. POC: DORA CAMPBELL 805-228-0694, DORA.CAMPBELL@NAVY.MIL

Task/Abbreviation: K-48402-024- -SHIPALT LHD1-71777K-ACCOMP			MJC: EXSAO173		Rev Date: 9/22/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 60	Alt No: SALHD 71777 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-48402-24) SHIPALT LHD1-71777K AN/USG-2 CETPS INSTALL, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71777K WHICH REMOVES THE AN/SYS-2 AUTO DETECTION AND TRACKING SYSTEM. INSTALL THE AN/USG-2 CETPS CONSISTING OF: CONTROL PROCESSOR, INPUT-OUTPUT RADIO FREQUENCY TIMING, C-12512/USG-2 CONTROL UNIT, ANTENNA ENVIRONMENTAL (AECU), C-12513/USG-2 ANTENNA, ACTIVE APERATURE, CONICAL, AS-4660/USG-2 CONVERTER GROUP, CEP, INPUT-OUTPUT, CV-4321/USG-2 TEST MAINTENANCE CONSOLE, TS-4490/USG-2 RECORDER-REPRODUCER, DIGITAL DATA, RD-677/USG-2 POWER SUPPLY, UNINTERRUPTIBLE, PP-8454/USG-2 CEC ANCILLARY EQUIPMENT RACK. THIS CHANGE IMPACTS THE COMBAT SYSTEM OR IC SWITCHBOARD AND ADDRESSES THE NEED FOR SWITCHBOARD MODIFICATIONS.

Task/Abbreviation: A-48402-102- -SA 78526 CNI SOFTWARE UPGRADE			MJC: EXTAAAY1		Rev Date: 7/27/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 0		

Reason:	Problem Description:	Recommended Solution:
BASELINE	SA 78526 CNI SOFTWARE UPGRADE NOT ACCOMPLISHED AIT CAPABLE ...CONJUNCTIVE SA 1551	THIS NEW SCD WILL INSTALL CNI FLIGHT 0+ COMPUTER PROGRAM VERSION 2.2.0. WHEN APPROVED THIS SCD WILL BE INSTALLED WITH THE INITIAL INSTALLATION OF CNI HARDWARE AND WILL BE BACKFIT TO PREVIOUSLY COMPLETED CNI INSTALLATIONS. A SEPARATE CNI SCD (1551) APPROVED THE HARDWARE INSTALLATION. CNI WILL PROVIDE AN OPEN ARCHITECTURE (OA) ENTRY POINT ON LHA/LHD PLATFORMS TO ENABLE THE INTRODUCTION OF FUTURE OPERATIONAL CAPABILITY UPGRADES, AND WILL BE OPEN ARCHITECTURE COMPUTING ENVIRONMENT (OACE) CATEGORY 3 COMPLIANT. WILL SUPPORT NEWLY INSTALLED OR EXISTING WORKSTATIONS AND LARGE SCREEN DISPLAYS IN COMMAND STAFF SPACES AS DOCUMENTED BY SCD 1551. THIS SOFTWARE WILL SUPPORT INTERFACING WITH LINK 16 (JTIDS MODEL 5) VIA A PASSIVE TAP MONITORING THE 1553B BUS. THE PARM POC IS MARK ROBERTS PEO IWS6ENG13; (202) 781-4410; MARK.R.ROBERTS1@NAVY.MIL. THE TECH POC IS RAMONA SMALLS NSWCPHD A46; 805-228-8390; RAMONA.SMALLS@NAVY.MIL.

Task/Abbreviation: I-49111-015- -AN/USQ-T46 - INSP/TST			MJC: CXECI430		Rev Date: 10/5/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-49111-015)AN/USQ-T46 BATTLE FORCE TACTICAL TRAINING SYSTEM REQUIRES INSPECTION.	INSPECT AND TEST AN/USQ-T46 BATTLE FORCE TACTICAL TRAINING SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-49111-016- -2M RPR - INSP/TST			MJC: OXECI039		Rev Date: 3/25/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-49111-016)MICRO MINIATURE REPAIR STATION AND CERTIFICATION REQUIRES INSPECTION.	INSPECT AND TEST MICRO MINIATURE REPAIR STATION AND CERTIFICATION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-49111-073- -SWD 73348 BFTT 3.3.1 - ACCOMP			MJC: CXSAO489		Rev Date: 11/15/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 73348
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49111-73) SWD 73348 BFTT 3.3.1 R2, BFTT 3.3.1 SOFTWARE UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SWD 73348 BFTT 3.3.1 R2 WHICH INSTALLS THE BFTT 3.3.1C PATCH TO FIX A PROBLEM WITH THE SOURCE IP ADDRESS FOR DATA PACKETS COMING FROM THE SHORE-SIDE NCTE NETWORK. THESE ARE NOT IN 64.X.Y.Z FORMAT WHICH BFTT NEEDS FOR TRACK ACCEPTANCE AND PROCESSING. THE TRACKS FROM IP SOURCES OTHER THAN 64.X.Y.Z WERE NOT ACCEPTED IN THE BFTT SYSTEM AND SIGNIFICANTLY IMPACTED THE FST TRAINING. POC: KEVIN ASHLEY, 240-387-1000, KASHLEY@GRYPHONLC.COM OR TIM GILBERT, 757-672-0037, TIMOTHY.A.GILBERT@NAVY.MIL

Task/Abbreviation: K-49111-075- -FC 73770 AN/USQ-T46 - ACCOMP**MJC:** EXSAKAA9**Rev Date:** 9/9/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 8**Alt No:** FC 73770**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-49111-75) FC 73770 AN/USQ-T46, BFTT COTS
OBSCOLESCENCE REPLACE, NOT ACCOMPLISHEDAIT INSTALLATION CAPABLE. ACCOMPLISH FC 73770 AN/USQ-T46
(EQUIVALENT TO SCD 3770) WHICH UPGRADES EXISTING
AN/USQ-T46B BATTLE FORCE TACTICAL TRAINING (BFTT) SYSTEMS
TO THE LATEST CONFIGURATION. THIS UPGRADE WILL BE
ACCOMPLISHED TO MITIGATE IMPENDING OBSCOLESCENCE ISSUES
WITHIN THE SYSTEM. AS THE CORE COMPONENT OF THIS
UPGRADE IS LEGACY ALTERATION FC 28, THERE IS NO ADDITIONAL
ENGINEERING REQUIRED AND HARDWARE KITS HAVE BEEN
ASSEMBLED. DIFFERENCE TRAINING WILL BE CONDUCTED
FOLLOWING THE INSTALLATION PERIOD. LIFE CYCLE MAINTENANCE
TRAINING MAY BE REQUESTED THROUGH CSCS AS REQUIRED TO
MEET SHIPBOARD PROFICIENCY. THIS CHANGE MEETS SHOCK B
CRITERIA AND A LETTER OF EXTENSION IS BEING SUBMITTED FOR
THE FOLLOWING: BOPC'S, DCM, RACK 1 AND RACK 2. POC: STEVEN
D. LAWYER, 812-854-8645, STEVEN.LAWYER@NAVY.MIL OR TIM
GILBERT, 757-672-0037, TIMOTHY.A.GILBERT@NAVY.MIL

Task/Abbreviation: K-49200-001- -TMP 79988 K JPALS ACCOMPLISH**MJC:** EXSAKA71**Rev Date:** 6/8/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 14**Alt No:** 79988**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

TMP 79988 K JPALS NOT ACCOMPLISHED

INSTALLS THE SHIP GPS SENSING UNITS (SGSUS) OF THE SEA BASED JOINT PRECISION APPROACH AND LANDING SYSTEM (JPALS) FOR LOCATION TEST AND EVALUATION PURPOSES. JPALS IS THE FUTURE PRECISION APPROACH AND LANDING SYSTEM, ROAD MAPPED TO REPLACE THE AN/SPN-46, AN/SPN-35 AND AN/URN-25 (TACAN) ONBOARD AIRCRAFT CARRIERS, AMPHIBIOUS ASSAULT CLASS SHIPS AND OTHER AVIATION CAPABLE SHIPS. THIS SCD IS TO INSTALL THE SGSUS IN REPRESENTATIVE LOCATIONS TO COLLECT GPS SIGNAL DATA (MULTIPATH, SKY-MAP COVERAGE, BLOCKAGE, SIGNAL STRENGTH, ETC) DURING REPRESENTATIVE FLIGHT DECK OPERATIONS TO PROPERLY ADJUDICATE THESE LOCATIONS FOR FUTURE USE. THIS TEST EFFORT WILL ADD EQUIPMENT TO VARIOUS LOCATIONS. SHIP'S 115 VAC 60HZ POWER REQUIRED. NO COOLING REQUIREMENTS ADDED TO SHIP. ADDED WEIGHT ESTIMATED AT LESS THAN 2000 LBS (INCLUDES CABLES). WEIGHT DISTRIBUTION/LOCATION IS TO BE DETERMINED DURING SHIP-CHECK. INSTALLATION WILL BE PERFORMED BY AN AIT AND IS ANTICIPATED TO TAKE 24 WORK DAYS (4 WEEKS, 6 DAYS/WEEK). PARM POC: ED SMETANA E-MAIL: EDWARD.SMETANA@NAVY.MIL, PHONE: (301) 342-3236. TECHNICAL POC: DAVID CRAWFORD E-MAIL: DAVID.CRAWFORD@NAVY.MIL, PHONE: (301) 342-1243

Task/Abbreviation: I-49271-006- -OLS SYS - INSP/TST (AMPH)			MJC: CXECI180		Rev Date: 7/2/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-49271-006)THE VSTOL OLS MK11 MOD0 SYSTEM (AMPHIBIOUS ASSAULT SHIP) REQUIRES INSPECTION.	INSPECT AND TEST THE VSTOL OLS MK11 MOD0 SYSTEM (AMPHIBIOUS ASSAULT SHIP). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-49271-007- -OLS SYS - RPR (AMPH)			MJC: CXCQ137		Rev Date: 8/28/2003
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 0	Matl Cost: 1,000	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-49271-007)MK11 VSTOL OLS SYSTEM REQUIRES REPAIR	REPAIR THE VSTOL OLS MK11 MOD0 SYSTEM (AMPHIBIOUS ASSAULT SHIP) PER CONDITION ASSESSMENT RECOMMENDATIONS. NOTE: 1. REPAIR FACILITY TO BE DESIGNATED BY NAVAIR.

Task/Abbreviation: K-49271-010- -SHIPALT LHD1-71575K - ACCOMP			MJC: CXSAK672		Rev Date: 7/26/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays:	Alt No: SALHD 71575 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49271-10) SHIPALT LHD1-71575K, JSF TRAMLINE RELOCATION, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71575K WHICH RELOCATES THE TRAMLINE 3' 6" TO PORT TO ACCOMMODATE THE F-35B JOINT STRIKE FORCE (JSF) AIRCRAFT. REPOSITION APPROXIMATELY 26 LIGHTS (20 TRAMLINE LIGHTS) ON AN AS NEEDED BASIS. TRAMLINE LIGHT PAIRS WILL REQUIRE RELOCATION FORE OR AFT TO NOT INTERFERE WITH WHEEL BOXES AND/OR OTHER LIGHT FIXTURES. RELOCATE APPROXIMATELY TWO STARBOARD LIGHTS IN THE NOZZLE ROTATION LINE TO PORT. MODIFY VSTOL OPTICAL LANDING SYSTEM (OLS) SOFTWARE. HOVER POSITION INDICATOR (HPI) MAY NEED SLIGHT REPOSITIONING. RECERIFY FLIGHT DECK AND PRECISION APPROACH AND LANDING SYSTEMS (PALS) BY NAVAIR ONCE ALTERATION IS COMPLETE. POC: HARRY SEARCH, 202-781-0842, HARRY.SEARCH@NAVY.COM

Task/Abbreviation: K-49271-011- -SA 79865 ALRE VSTOL**MJC:** EXSAKA01**Rev Date:** 9/29/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 1**Alt No:** SA 79865**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

SA 79865 ALRE VSTOL OLS MK 11 NOT
ACCOMPLISHED

AIT ACCOMPLISH THIS IS AN ST2 SCD THAT IS AN INTERNAL MODIFICATION WITH NO NEW FUNCTIONALITY AND NO IMPACT ON SHIP DISTRIBUTED SYSTEMS. THE VSTOL OLS IS A VISUAL LANDING AID THAT DISPLAYS GLIDE PATH AND TREND INFORMATION TO A PILOT APPROACHING THE FLIGHT DECK. THE VSTOL OLS GUIDES THE AIRCRAFT DURING LANDING APPROACH TO A POSITION 50 FEET ABOVE THE FLIGHT DECK, WHERE THE PILOT TRANSITIONS TO THE HOVER POSITION INDICATOR (HPI) SYSTEM, FOR HOVER STOP AND VERTICAL DESCENT. SYSTEMS INSTALLED ARE APPROX. 15 YEARS OLD. UPGRADES DUE TO WEAR TO SEVERAL PARTS OF THE VERTICAL AND SHORT TAKE-OFF AND LANDING OPTICAL LANDING SYSTEM (VSTOL OLS) INDICATOR BOX ARE NEEDED TO ENSURE CONTINUED SAFE OPERATION, IMPROVED MAINTAINABILITY, A BETTER VISUAL PRESENTATION FOR THE PILOT, INCREASED SERVICE LIFE OF THE SYSTEM. THE UPGRADES WILL INCLUDE THE WINDOW GLASS, THE UPPER AND LOWER SLIDING GLASS DOOR HARDWARE, THE SOURCE LIGHT LAMPS, THE INDICATOR BOX MOUNTING HARDWARE AND THE COOLING AIR FILTRATION SYSTEM. TEAM LEAD - CATHY MALVASIO 732-323-4202 LEAD ENGINEER - JOHN SPEIGEL 732-323-2072 ILS MANAGER - MICHELE SUAREZ 732-323-5070

Task/Abbreviation:		K-49311-004- -FC 78911 K NAV CASH - ACCOMP		MJC:	EXSAO526	Rev Date:	10/6/2011
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	1	Removal Required:	
Lvl of Maint:	1	Freq:	0	Equip/Task:	1	Matl Cost:	
				ManDays:	1	Alt No:	78911
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	FC 78911K NAV CASH TECH REFRESH, NOT ACCOMPLISHED	AIT INSTALLATION CAPABLE. ACCOMPLISH FC 78911K NAV CASH TECH REFRESH UPDATES WHICH PROVIDES REPLACEMENTS TO THE CASHLESS ATM KIOSK, POINT OF SALE (POS) DEVICES, VENDING MACHINE CARD ACCEPTING DEVICES (CAD) READERS AND ROUTERS. THE EQUIPMENT IS A ONE FOR ONE CHANGE AND NO MODIFICATION TO THE EXISTING FOUNDATIONS ARE REQUIRED. TPOC EDWARD OLSEN, NAVY FAMILY SUPPORT MECHANICSBURG, 717-605-7005 EDWARD.OLSEN@NAVY.MIL

Task/Abbreviation: K-49311-005- - SWD 79416K NAV CASH - ACCOMP			MJC: EXSAO527		Rev Date: 10/6/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: 79416
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	79416K NAVY CASH SOFTWARE VERSION 1.4.7, NOT ACCOMPLISHED	ACCOMPLISH SWD 79416K NAVY CASH SOFTWARE VERSION 1.4.7 WHICH INCREASES THE FUNCTIONALITY OF 1.4.6.0 AND IS REQUIRED FOR THE HARDWARE REPLACEMENT IN SCD 78911. AIT INSTALL. TPOC EDWARD OLSEN, NAVY FAMILY SUPPORT MECHANICSBURG, 717-605-7005 EDWARD.OLSEN@NAVY.MIL

Task/Abbreviation: O-49311-016- -FC 1 NTCSS OPT UPGRD - ACCOMP			MJC: CXSAO047		Rev Date: 6/2/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: FC 1 NTCSS OPT
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-16) FC-1 NTCSS OPTIMIZED UPGRADE, NTCSS OPTIMIZED UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH FC-1 NTCSS OPTIMIZED UPGRADE.

Task/Abbreviation: I-49311-027- -SNAP - INSP/TST			MJC: OXECI040		Rev Date: 2/22/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-49311-027)THE SHIP'S NONTACTICAL AUTOMATED PROCESSING SYSTEM REQUIRES INSPECTION.	INSPECT AND TEST THE SHIP'S NONTACTICAL AUTOMATED PROCESSING SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-49311-043- -AN/UYK-158 SNAP III - MRC A1M7			MJC: CXCIBH2		Rev Date: 2/22/2011					
RCM Analysis: 8/2/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-49311-043)THE AN/UYK-158 SNAP III REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/UYK-158 SNAP III ASSESSMENT IN ACCORDANCE WITH MRC A1M7 AS FOLLOWS: 1. INSPECT SYSTEM HARDWARE. 2. PERFORM OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-49311-046- -EC 36 AN/USQ-153 (V) - ACCOMP				MJC: CXSAO152		Rev Date: 4/27/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 29		Alt No: EC 36 USQ-153	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-46) EC-36, AN/USQ-153 (V) COMPOSE VERSION 2.00.03, NOT ACCOMPLISHED.	ACCOMPLISH EC-36, AN/USQ-153 (V) COMPOSE VERSION 2.00.03, WHICH INSTALLS AND CONFIGURES COMPOSE ON ISNS SERVERS AND WORKSTATIONS. COMPOSE INSTALLS THE WINDOWS 2000 OPERATING SYSTEM ALLOWING FOR MIGRATION OF ISNS FROM GOTS DELTA USING WINDOWS NT TO COMPOSE USING WINDOWS 2000. IT ALSO INSTALLS RELATED COMMERCIAL OFF-THE-SHELF (COTS) SOFTWARE PRODUCTS AND GOVERNMENT OFF-THE-SHELF (GOTS) SOFTWARE PRODUCTS. COMPOSE PROVIDES THE ABILITY TO ESTABLISH A STANDARDIZED WINDOWS 2000 NETWORK ENVIRONMENT, INCLUDING SERVER AND WORKSTATION INSTALLATION, CONFIGURATION, COMMON SECURITY SERVICES AND LOCKDOWN, AND INTEGRATION WITH THE NAVY'S COMMON OPERATING ENVIRONMENT (COE) KERNEL WHEN APPLICABLE.

Task/Abbreviation: O-49311-047- -EC 37 AN/USQ-153 (V) - ACCOMP			MJC: CXSAO153		Rev Date: 4/27/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 5	Alt No: EC 37 USQ-153
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-47) EC-37, AN/USQ-153 (V) ISNS TAC DAT AID MON SYS - TDAMS, NOT ACCOMPLISHED.	ACCOMPLISH EC-37, AN/USQ-153 (V) ISNS TAC DAT AID MON SYS - TDAMS, WHICH INSTALLS TDAMS ON GOTS-DELTA AND COMPOSE BASED SYSTEMS AND IDENTIFIES THE DOCUMENTATION REQUIRED TO SUPPORT TDAMS. TDAMS IS A SOFTWARE-ONLY SYSTEM INSTALLED ON SHIPBOARD PEO C4I SPACE AND SPAWAR POR SYSTEMS THAT WILL CAPTURE SYSTEM/APPLICATION USAGE DATA AND SEND IT ASHORE.

Task/Abbreviation: O-49311-050- -EC 18R2 AN/USQ-153(V) - ACCOMP				MJC: EXSAO068		Rev Date: 6/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 10		Alt No: EC 18R2 USQ153	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-50) EC 18R2 AN/USQ-153(V), NT SERVER UPGRADE TO DL-380, NOT ACCOMPLISHED	ACCOMPLISH EC 18R2 AN/USQ-153(V) WHICH DOCUMENTS THE DL-380G3 AS A SUITABLE REPLACEMENT FOR THE DL-380G2 AND DETAILS THE PROCEDURES TO BE FOLLOWED FOR REMOVAL OF DEC, 1850R, ML-370R OR DL-380G2 SERVERS AND INSTALLATION OF THE DL-380G3 SERVER. ECP 2003-000225 IS INCORPORATED. POC: ERIC KAREH, 619-524-7901, ERIC.KAREH@NAVY.MIL.

Task/Abbreviation: K-49311-056- -SHIPALT LHD1-03195K - ACCOMP		MJC: XXSAK006	Rev Date:		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 34,782	ManDays: 805	Alt No: SALHD 03195 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-56) SHIPALT LHD1-03195K, NAVY CASH INSTALLATION, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03195K WHICH REPLACES THE ATMS-AT-SEA PROGRAM WITH A STORED VALUE CARD FOR CASH. THE CARD WILL BE USED ANYWHERE CASH IS USED TODAY ON A SHIP (E.G., VENDING AND VIDEO GAME MACHINES, POST OFFICE, SHIP STORE). CASH LOADING DEVICES WILL BE WELDED TO BULKHEADS. A SERVER WILL BE REQUIRED AS WELL AS POS DEVICES IN VARIOUS LOCATIONS (E.G., SHIP STORE, MWR, POST OFFICE). LAN DROPS WILL BE INSTALLED WHERE NAVY CASH EQUIPMENT IS LOCATED TO CONNECT WITH SHIPBOARD COMMUNICATIONS (E.G., IT21, CFCP).

Task/Abbreviation: Q-49311-063- -AN/UYK-158 PWR SPLY-REPL			MJC: CEXECQ261		Rev Date: 9/8/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 1,985	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-49311-063)AN/UYK-158 SNAP III FAULTY POWER SUPPLY.	REPAIR/REPLACE POWER SUPPLY. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-49311-064- -NTCSS AN/UYK-158 -CLN/PRESERV		MJC: CEXECQ262	Rev Date: 9/8/2006		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-49311-064)AN/UYK-158 SNAP III EQUIPMENT DIRTY/CORRODED.	CLEAN/PRESERVE EQUIPMENT. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-49311-065- -NTCSS AN/UYK-158 HRD DR-REPL		MJC: CXECQ263	Rev Date: 9/8/2006		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 165	ManDays: 2	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-49311-065)AN/UYK-158 SNAP III HASFAULTY HARDDRIVE.	REPLACE HARDDRIVE. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-49311-066- -NTCSS AN/UYK-158 COMP-REPL			MJC: CEXECQ264		Rev Date: 9/8/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 1,200	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-49311-066)AN/UYK-158 SNAP III SYSTEM FAILS TO MEET MATERIAL CONDITIONS OF READINESS.	REPAIR/REPLACE DAMAGED COMPONENTS. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.			

Task/Abbreviation: O-49311-068- -EC 71021 43 USQ-153 - ACCOMP			MJC: CXSAO184		Rev Date: 8/30/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 29	Alt No: EC 71021 43
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-68) EC 71021 43 AN/USQ-153(V), ISNS COMPOSE 3.0 SW INSTALL, NOT ACCOMPLISHED.	ACCOMPLISH EC 71021 43 AN/USQ-153(V) WHICH INSTALLS WINDOWS 2003 OPERATING SYSTEM ALLOWING MIGRATION OF ISNS FROM GOTS DELTA USING WINDOWS NT TO COMPOSE USING WINDOWS 2003 AND EXCHANGE 2003 AND PROVIDES THE MIGRATION FROM COMPOSE 2.0.3 W2K OS TO COMPOSE 3.0 W2K3 OS. POC: SUSIE HARTZOG, 858-537-0682, SUSIE.HARTZOG@NAVY.MIL

Task/Abbreviation: O-49311-069- -SWD 1.4 NAVY CASH - ACCOMP				MJC: EXSAO138		Rev Date: 9/25/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No: SWD 1.4 N CASH	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-69) SWD 1.4 NAVY CASH, NAVY CASH FINANCIAL PROGRAM, NOT ACCOMPLISHED	ACCOMPLISH SWD 1.4 SWD 1.4 NAVY CASH WHICH INSTALLS THE NAVY CASH SYSTEM THAT COMBINES CHIP TECHNOLOGY (VALUE FOR SHIPBOARD PURCHASES) AND MAGNETIC STRIP (DEBIT FEATURE FOR OFF SHIP) TO MINIMIZE NEED FOR SAILORS TO CARRY CASH. NAVY CASH SHIP ALTERATIONS DELIVER THE REQUIRED SOFTWARE LOAD AND REPLACE THE ATMS-AT-SEA FINANCIAL SYSTEM. POC: DIANE FITZPATRICK, 717-605-7005, DIANE.FITZPATRICK@NAVY.MIL.

Task/Abbreviation: O-49311-071- -EC 71138 47 USQ-153 - ACCOMP			MJC: CXSAO195		Rev Date: 8/30/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 10	Alt No: EC 71138 47
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-71) EC 71138 EC 47 R1 AN/USQ-153(V), AN/USQ-153(V) & A(V) EC-47, NOT ACCOMPLISHED	ACCOMPLISH EC 71138 EC 47 R1 AN/USQ-153(V) WHICH UPGRADES HARDWARE (H/W) TECHNOLOGY WITH NEW AND UPDATED COMMERCIAL-OFF-THE-SHELF (COTS) PCS (DESKTOP AND LAPTOP COMPUTERS). THESE REPLACE OUTDATED TECHNOLOGY, UPGRADED TO SUPPORT NEW SOFTWARE (IE, COMPOSE), BRING ADDITIONAL PCS THAT WERE PREVIOUSLY UNAVAILABLE, OR AUGMENT A PREVIOUS PC INSTALLATION. THE PCS WILL BE INSTALLED WITH THE OPERATION SYSTEM TO SUPPORT THE SHIPS LAN INSTALLATION (GOTS-D OR COMPOSE). POC: KERRY BARKER, 757-927-2573, KBARKER@OSEC.COM OR ERIC KAREH, 619-524-7901, ERIC.KAREH@NAVY.MIL OR BARBARA EDWARDS, 858 537 8774, BARBARA.EDWARDS@NAVY.MIL OR JOSE MEDELLIN, 858-537-0556, JOSE.MEDELLIN@NAVY.MIL OR MICHAEL D. DAVIS, 619-524-7231, MICHAEL.D.DAVIS@NAVY.MIL OR WILLIAM DELVALLE, 619-524-7882, WILLIAM.DELVALLE@NAVY.MIL

Task/Abbreviation: O-49311-072- -EC 71253 56 USQ-153 - ACCOMP**MJC:** CXSAO196**Rev Date:** 9/5/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 19**Alt No:** EC 71253**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-49311-72) EC 71253 56 AN/USQ-153(V), ISNS INM
PRO 2.5 SW INSTALL, NOT ACCOMPLISHEDACCOMPLISH EC 71253 56 AN/USQ-153(V) WHICH IMPLEMENTS THE
INM PRO 2.5 SOFTWARE. THIS IS A SELF-INSTALLING PROGRAM
PACKAGE DESIGNED TO BE INSTALLED AND USED ON A COMPOSE 2
OR COMPOSE 3 FILE SERVER OR EXCHANGE SERVER. INM PRO IS
DESIGNED FOR MONITORING NETWORKS THAT MAY INCLUDE:
COMPOSE 2 & 3 SERVERS AND WORKSTATIONS., CISCO AND
PROTEON ROUTERS AND XYLAN/ALCATEL SWITCHES. POC:
BARBARA EDWARDS, 858-537-8774, BARBARA.EDWARDS@NAVY.MIL
OR MARGARET SOLER, 858-537-8575, MARGARET.SOLER@NAVY.MIL
OR JOSE MEDELLIN, 858-537-0556, JOSE.MEDELLIN@NAVY.MIL

Task/Abbreviation: O-49311-080- -EC 70566 AN/UYK-158(V)- ACCOMP			MJC: CXSAO242		Rev Date: 5/26/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: EC 70566UYK158
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-80) EC 70566, AN/UYK-158(V) NTCSS OMA AT THE IMA, NOT ACCOMPLISHED	ACCOMPLISH EC 70566, AN/UYK-158(V) NTCSS OMA AT THE IMA, WHICH THE PURPOSE OF THIS ECO IS TO INSTALL A COMPAQ ML370T SERVER, A 15 INCH CRT MONITOR, KEYBOARD/TRACKBALL, AND A DESKTOP UPS. THIS ECO WILL REPLACE AN EXISTING NTCSS PROGRAM OF RECORD (POR) WORKSTATION IN AIRCRAFT INTERMEDIATE MAINTENANCE DEPARTMENT (AIMD) AND UTILIZE EXISTING POWER AND NETWORK CONNECTIONS.

Task/Abbreviation: K-49311-084- -SHIPALT LHD1-00381K - ACCOMP			MJC: XXSAK008		Rev Date: 6/23/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,000	ManDays: 10	Alt No: SALHD 00381 K
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-84) SHIPALT LHD1-03195K, NAVY CASH INSTALLATION, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03195K WHICH REPLACES THE ATMS-AT-SEA PROGRAM WITH A STORED VALUE CARD FOR CASH. THE CARD WILL BE USED ANYWHERE CASH IS USED TODAY ON A SHIP (E.G., VENDING AND VIDEO GAME MACHINES, POST OFFICE, SHIP STORE). CASH LOADING DEVICES WILL BE WELDED TO BULKHEADS. A SERVER WILL BE REQUIRED AS WELL AS POS DEVICES IN VARIOUS LOCATIONS (E.G., SHIP STORE, MWR, POST OFFICE). LAN DROPS WILL BE INSTALLED WHERE NAVY CASH EQUIPMENT IS LOCATED TO CONNECT WITH SHIPBOARD COMMUNICATIONS (E.G., IT21, CFCP).

Task/Abbreviation: O-49311-091- -SWD 71941 0 ROM II - ACCOMP				MJC: XXSAO004	Rev Date: 12/20/2006
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 71941 0
Referenced Authority:	Repair Pool:		MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-91) SWD 71941 0, RESALE OPERATION MGMT(ROM)II, NOT ACCOMPLISHED	ACCOMPLISH SWD 71941 0 WHICH IS SCD 1941 PHASE I & II IS A POINT-OF-SALE (POS) RETAIL MGMT SOFTWARE SYSTEM THAT PROVIDES AN AUTOMATED MEANS TO MAINTAIN SHIP'S RETAIL STORE. THIS UPDATE CORRECTS 28 DEFECT AS IDENTIFIED BY THE NEXCOM FUNTIONAL MANAGER AND FLEET USERS. POC: DEBORAH LUPTON (757) 443-0327, DEBORAH.LUPTON@NAVY.MIL

Task/Abbreviation: O-49311-096- -EC 71694 AN/UYQ-96 - ACCOMP			MJC: EXSAO166		Rev Date: 8/30/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: EC 71694
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-96) EC 71694 AN/UYQ-96(V), EC-3 INCR. 1, NOT ACCOMPLISHED	ACCOMPLISH EC 71694 AN/UYQ-96(V), EC-3 INCR. 1, WHICH IS A SOFTWARE ONLY ECO; DOES NOT EFFECT NOMENCLATURE OR TYPE DESIGNATION. SSIL APPROVED (SSIL-03-0069 PERTAINS). AN/UYQ-96(V) INTRUSION DETECTION SYSTEM (IDS) SOFTWARE IN PROCESS OF BEING FIELDIED VIA CLASS SHIP ALTERATIONS HAS REACHED VENDOR END-OF-LIFE (NO LONGER SUPPORTED). REPLACEMENT SOFTWARE IS THEREFORE NEEDED TO ENSURE FLEET FORCES ARE PROVIDED OPERATIONALLY VIABLE CAPABILITIES FOR COMPUTER NETWORK DEFENSE (CND). THIS ECO WILL BE INSTALLED EITHER CONCURRENT WITH CND-IDS SHIP ALTERATIONS (SEE BLOCK 7) OR AS A STAND-ALONE RETROFIT ECO FOR THOSE SHIPS WITH CND-IDS ALTERATIONS PREVIOUSLY COMPLETED.

Task/Abbreviation: K-49311-097- -SHIPALT LHD1-03244 - ACCOMP			MJC: EXSAK682		Rev Date: 9/1/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 89,606	ManDays: 438	Alt No: SALHD 03244 K
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-97) SHIPALT LHD1-03244, CND-IDS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03244 WHICH INSTALLATION OF COMPUTER NETWORK DEFENSE (CND) INTRUSION DETECTION SYSTEM (IDS) WILL POVIDE HIGH-AVAILABILITY PROTECTION AND DETECTION CAPABILITIES TO THE SHIPBOARD NETWORKS AND IS A CRITICAL COMPONENT OF THE DEFENSE IN DEPTH STRATEGY.

Task/Abbreviation: K-49311-098- -SHIPALT LHD1-70388K- ACCOMP			MJC: CXSAK456		Rev Date: 6/17/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 70388 K
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-98) SHIPALT LHD1-70388K, NALCOMIS MID TIER UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-70388K WHICH INSTALLS OPTIMIZED NALCOMIS OMA (OOMA) MIDTIER SERVER: FACILITATES DATA REPLICATION BETWEEN DEPLOYED AIRWINGS AND NAVAIR'S NAVAL AVIATION LOGISTICS ANALYSIS INTEGRATED DATA ENVIRONMENT (NALDA IDE). THE SYSTEM PROVIDES WARFIGHTING SQUADRONS, BATTLE GROUP COMMANDERS, TYPE COMMANDERS, CNO/OPNAV, OSD AND CONGRESS WITH NAVAL AVIATION MATERIAL AND SUPPLY READINESS (AMSR) LOGISTICS/TECHNICAL DATA JATDI SERVER: HOST FOR JOINT KNOWLEDGE CACHING SERVER (JKCS) SOFTWARE WHICH AUTOMATICALLY RECEIVES DAILY UPDATES OF NECESSARY TECHNICAL DOCUMENTATION (PUBS, TECH DIRECTIVES, INSTRUCTIONS, SAFETY INFORMATION, ETC) TO SUPPORT AVIATION MAINTENANCE OPERATIONS. POC: RONALD GRONERT, 301-757-8889, RONALD.GRONERT@NAVY.MIL.

Task/Abbreviation: O-49311-100- -EC 71959 SAMS - ACCOMP			MJC: XXSAO013		Rev Date: 2/13/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: EC 71959
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-100) EC 71959 SAMS 025-08.03.02 (P1), EC-21 SAMS 025-08.03.02 (P1), NOT ACCOMPLISHED	ACCOMPLISH EC 71959 SAMS 025-08.03.02 (P1) WHICH INSTALLS UPGRADED GOVERNMENT OFF-THE-SHELF (GOTS) SOFTWARE IN SUPPORT OF THE SNAP AUTOMATED MEDICAL SYSTEM (SAMA) VERSION 025-08.03.02 TO CORRECT PRIORITY 2 LEVEL TROUBLE REPORTS, ENHANCE EXISTING HEALTH INSURANCE PORTABILITY AND ACCOUNTABILITY ACT (PL 104-191) (HIPAA) COMPLIANCE AND THE SECURITY STANDARDS SET FORTH IN DODI 8500. POC: BARON JOLIE, 858-537-8694, BARON.JOLIE@NAVY.MIL OR OTIS GLOVER, 619-524-7561,OTIS.GLOVER@NAVY.MIL

Task/Abbreviation: O-49311-102- -EC 71767 AN/USQ-153 - ACCOMP**MJC:** CXSAO469**Rev Date:** 10/24/2006**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 30**Alt No:** EC 71767**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:**

BASELINE

Problem Description:(O-49311-102) EC 71767 AN/USQ-153(V) EC-13,
AN/USQ-153(V) (EC013) EJNL, NOT ACCOMPLISHED**Recommended Solution:**ACCOMPLISH EC 71767 AN/USQ-153(V) EC-13 WHICH THE
ELECTRONIC JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM
(JTIDS) NETWORK LIBRARY (E-JNL) IS A LEGACY ENGINEERING
CHANGE THAT HAS ALREADY BEEN FIELDDED ON CV-67, CVN-68,
CVN-69 AND CVN-76 UNDER THE APPROVED ENGINEERING CHANGE
(EC-13) PRIOR TO THE IMPLEMENTATION OF SHIPMAIN. THE LEGACY
EC HAS BEEN ENTERED INTO NDE-NM UNDER ALTERATION
SEQUENCE NUMBER 62241 AND HAS BEEN FIELDDED SINCE MARCH
2002. DUE TO PENDING DECOMMISSIONING STATUS OF CV-63,
COMMAND DATA LINK MANAGEMENT SYSTEM (CDLMS) WILL NOT BE
INSTALLED ELIMINATING THE REQUIREMENT FOR E-JNL. POC: PAUL
BOBROWICH, 619-524-7798, PAUL.BOBROWICH@NAVY.MIL, HAUN
TONG, 858 537 0412, HAUN.TONG @ NAVY.MIL OR KARI ATKINS,
858-537-8621, KARI.ATKINS@NAVY.MIL

Task/Abbreviation: O-49311-103- -SWD 72034 - FOOD MGMT - ACCOMP**MJC:** XXSAO014**Rev Date:** 2/13/2007**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:** SWD 72034 0**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-49311-103) SWD 72034 0, FOOD SERVICE
MANAGEMENT, NOT ACCOMPLISHEDACCOMPLISH SWD 72034 0 FOOD SERVICE MANAGEMENT WHICH IS
AN AUTOMATED MEANS FOR FOOD SERVICE PERSONNEL TO
PERFORM ALL ADMINISTRATIVE AND RECORD KEEPING FUNCTIONS
RELATING TO THE DAILY OPERATIONS OF A DINING FACILITY. 32
FLEET TROUBLE REPORTS WERE CORRECTED, DITSCAP
REQUIREMENTS INCORPORATED AND NMCI COMPATIBILITY ADDED.
POC: DEBORAH LUPTON 757-443-0327,
DEBORAH.LUPTON@NAVY.MIL

Task/Abbreviation: O-49311-104- -SWD 73210 NAVY CASH - ACCOMP			MJC: EXSAO190		Rev Date: 1/30/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 73210
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-104) SWD 73210 NAVY CASH, SW 1.4.5.0, NOT ACCOMPLISHED	ACCOMPLISH SWD 73210 NAVY CASH WHICH UPGRADES THE NAVY CASH SYSTEM TO VERSION 1.4.5.0 WHICH INCREASES FUNCTIONALITY THAT HAS BEEN DEVELOPED WITH FLEET INPUT AND SPAWAR ANALYSIS. FUNCTIONALITY WILL INCREASE USERS OUTPUT AND PROVIDE INCREASED SUPPORT FOR THE DISBURSING PERSONNEL. POC: WILLIAM LINGLE, 717-605-7579, WILLIAM.LINGLE@NAVY.MIL OR ED OLSEN, 717-605-7005, EDWARD.OLSEN@NAVY.MIL

Task/Abbreviation: O-49311-105- -EC 73839 ISNS LAN - ACCOMP			MJC: CXSAO515		Rev Date: 12/12/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: EC 73839
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-105) EC 73839 ISNS LAN SLEP & GIGE LANS, NOT ACCOMPLISHED	ACCOMPLISH EC 73839 ISNS LAN SLEP & GIGE LANS WHICH THIS SCD HAS BEEN DEVELOPED IN RESPONSE TO THE CURRENT CVN-74 CASREP 06036 160018ZMAY06 CONCERNING ISNS LAN PERFORMANCE. PEO C4I & SPACE PMW-160 PROPOSES TO UPGRADE THE INTEGRATED SHIPBOARD NETWORKS SYSTEM (ISNS) AN/USQ-153(V)2 LAN IN AN EFFORT TO PROVIDE INCREASED DATA FLOW WITHIN THE EXISTING ARCHITECTURE TO SUPPORT OPERATIONS PRIOR TO THE INSTALLATION OF THE AN/USQ-153A(V)2 GIG-E LAN(S/A 9323K). THIS WILL BE ACCOMPLISHED BY PROVIDING UPGRADED MANAGEMENT PROCESSOR MODULES (MPM) IN THE LAN EDGE SWITCHES. POC: ROB DIAZ, 619-524-7985, ROB.DIAZ@NAVY.MIL.

Task/Abbreviation: K-49311-107- -SHIPALT LHD1-00430 - ACCOMP				MJC: EXSAK726		Rev Date: 4/2/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 89,606		ManDays: 438		Alt No: SALHD 00430 K	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-107) SHIPALT LHD1-00430 CND-IDS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00430 WHICH INSTALLATION OF COMPUTER NETWORK DEFENSE (CND) INTRUSION DETECTION SYSTEM (IDS) WILL POVIDE HIGH-AVAILABILITY PROTECTION AND DETECTION CAPABILITIES TO THE SHIPBOARD NETWORKS AND IS A CRITICAL COMPONENT OF THE DEFENSE IN DEPTH STRATEGY.

Task/Abbreviation: K-49311-109- -SHIPALT LHD1-03158K - ACCOMP			MJC: KXSAK067		Rev Date: 4/25/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10,000	ManDays: 68	Alt No: SALHD 03158 K
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-109) SHIPALT LHD1-03158K EMBARKABLE DROPS INSTALLATION, NOT ACCOMPLISHED	ACCOMPLIH SHIPALT LHD1-03158K EMBARKABLE DROPS INSTALLATION WHICH PROVIDE THE WARFIGHTER WITH INCREASED CONNECTIONS TO NIPRNET & SIPRNET RESOURCES. POC: ERIC KAREH, 619-524-7901, ERIC.KAREH@NAVY.MIL.

Task/Abbreviation: K-49311-110- -SHIPALT LHD1-03259K - ACCOMP				MJC: EXSAK739		Rev Date: 4/26/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 106,518		ManDays: 656		Alt No: SALHD 03259 K	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-110) SHIPALT LHD1-03259K, CND-EFW, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03259K, CND-EFW WHICH INSTALLS THE EMBEDDED FIREWALL (EFW) AUGUMENTS UNIT LEVEL COMPUTER NETWORK DEFENSE (CND) BY PROVIDING A DISTRIBUTED PACKET-FILTERING FIREWALL CAPABILITY WITH CENTRALIZED MANAGEMENT AND AUDITING. THE SYSTEM PROTECTS AGAINST BOTH INSIDER THREATS AND EXTERNAL ATTACKS.

Task/Abbreviation: K-49311-115- -SHIPALT LHD1-72072K - ACCOMP			MJC: EXSAO212		Rev Date: 5/17/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 180	Alt No: SALHD 72072 K
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-115) SHIPALT LHD1-72072K, PEOC4I CND-IDS (AN/UYQ-96(V)1), NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-72072K, PEOC4I CND-IDS (AN/UYQ-96(V)1), WHICH THE COMPUTER NETWORK DEFENSE - INTRUSION DETECTION SYSTEM (CND-IDS) SUPPORTS ISNS SECURITY INITIATIVES VIA NON-INTRUSIVE HARDWARE/SOFTWARE ADDITIONS. IT INCLUDES BOTH NETWORK IDS AND HOST BASED IDS SENSORS, AS WELL AS AN IDS SERVER/MANAGEMENT WORKSTATION. SSIL-03-0051 AND SSIL-03-0069 AUTHORIZED CND-IDS INSTALLATION ON ISNS NETWORKS. CND-IDS IS 100% COTS AND INSTALLED ON BOTH THE NIPRNET AND SIPRNET. VENDOR SOFTWARE VERSION UPDATES ARE INCORPORATED VIA ENGINEERING CHANGE ORDERS (ECOS). ADDITIONAL INTEGRATION/VALIDATION TESTING IS COMPLETED AT EACH MAJOR ISNS SOFTWARE TRANSITION MILESTONE (E.G. GOTS-D TO COMPOSE 3.X) AND FOR EACH CND-IDS VERSION/OPERATING SYSTEM UPDATE. ON THE JOB TRAINING (OJT) IS PROVIDED TO SHIP'S FORCE BY IN-SERVICE ENGINEERING ACTIVITY (ISEA)/LEAD DESIGN SUBJECT MATTER EXPERTS (SMES) AT TIME OF SYSTEM DELIVERY. FORMAL TRAINING HAS BEEN DEVELOPED USING ADVANCED DISTRIBUTED LEARNING/INTEGRATED LEARNING ENVIRONMENT (ADL/ILE) FORMAT AND IS BEING REVIEWED FOR INCORPORATION INTO EXISTING COIS AT COMBAT IDENTIFICATION(CID) LEARNING SITES.

Task/Abbreviation: K-49311-116- -SHIPALT LHD1-72114K - ACCOMP			MJC: EXSAK749		Rev Date: 5/17/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 72114 K
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-116) SHIPALT LHD1-72114K, PEO C4I CND-EFW (AN/UYQ-96(V)3, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-72114K, PEO C4I CND-EFW (AN/UYQ-96(V)3, WHICH THE COMPUTER NETWORK DEFENSE - EMBEDDED FIREWALL (CND-EFW) SUPPORTS ISNS SECURITY INITIATIVES VIA INTEGRATED HARDWARE, FIRMWARE, AND /SOFTWARE ADDITIONS. EMBEDDED FIREWALL (EFW) POLICY SERVERS AND NETWORK INTERFACE CARD (NIC) FIRMWARE ARE PARTICULARLY RESISTANT TO EXTERNAL ATTACKS DUE TO THE INSTALLED NETWORK INTERFACEARCHITECTURE. SHOULD A CATASTROPHIC FAILURE OCCUR THAT INVOLVES BOTH THE EFW POLICY SERVER AND THE BACKUP POLICY SERVER (LOW PROBABILITY), EFW NICS REVERT TO FUNCTIONING AS A STANDARD WORKSTATION NIC TO ENSURE SHIP OPERATIONS ARE NOT IMPEDED. SSIL-03-0051 AND PPL-03-0096 AUTHORIZED CND-EFW INSTALLATION ON ISNS NETWORKS. CND-EFW IS 100% COTS AND INSTALLED ON BOTH THE NIPRNET AND SIPRNET. VENDOR SOFTWARE VERSION UPDATES ARE INCORPORATED VIA ENGINEERING CHANGE ORDERS (ECOS). ADDITIONAL INTEGRATION/VALIDATION TESTING IS COMPLETED AT EACH MAJOR ISNS SOFTWARE TRANSITION MILESTONE (E.G. GOTS-D TO COMPOSE 3.X) AND FOR EACH CNDD-EFW VERSION/OPERATING SYSTEM UPDATE.

Task/Abbreviation: O-49311-122- -SWD 74844 NIAPS - ACCOMP**MJC:** XXSAO017**Rev Date:** 7/12/2007**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:** SWD 74844**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-49311-122) SWD 74844 NIAPS, NIAPS 1.2
SIPRNET-SURF, NOT ACCOMPLISHED

ACCOMPLISH SWD 74844 NIAPS WHICH ENABLES SEA WARRIOR (REVOLUTION IN TRAINING) ONTO THE DEPLOYED SHIP WHICH ENABLES OFFICERS, ENLISTED AND JUNIOR ENLISTED PERSONNEL TO ACCESS MANDATORY TRAINING CONTENT AND CAREER MANAGEMENT THAT THEIR SHORE SIDE COUNTERPARTS HAVE. NIAPS ALSO PROVIDES A HIGHLY BANDWIDTH EFFICIENT REPLICATION MECHANISM (DISTANCE SUPPORT 3.0) THAT REPLACES MANUAL DELIVERY OF CONTENT (COMPACT DISCS VIA MAIL). NIAPS ALSO ENABLES SEVERAL KEY APPLICATIONS THAT INCLUDE: ELECTRONIC TECHNICAL AND MAINTENANCE MANUALS IN AN AUTOMATED AND HIGHLY CONFIGURATION MANAGEMENT CONTROLLED SYSTEM, STREAMLINED LOCK OUT TAG CAPABILITY, FULL SHIP AUTOMATED PREVENTIVE MAINTENANCE ACTION SCHEDULER, OPERATIONAL READINESS, AND A SAFETY MANAGEMENT SYSTEM. POC: MANUEL PANIS, 619-437-3999, MANUEL.PANIS@NAVY.MIL

Task/Abbreviation: O-49311-149- -SWD 73330 NTCSS UPGRD-ACCOMP			MJC: CXSAO885		Rev Date: 1/8/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: SWD 73330
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-149) SWD 73330 (SCD 3330), PEOC4I NTCSS OOMA (EC22) FOUND TIER UG 831-01.05.1, NOT ACCOMPLISHED	ACCOMPLISH SWD 73330 (SCD 3330), PEOC4I NTCSS OOMA (EC22) FOUND TIER UG 831-01.05.1. WHICH NALCOMIS OPTIMIZED ORGANIZATIONAL MAINTENANCE ACTIVITY (OOMA) IS AN AUTOMATED MANAGEMENT INFORMATION SYSTEM THAT PROVIDES THE MAINTENANCE, MATERIAL, AND OPERATIONS MANAGERS IN THE NAVY AND MARINE CORPS ORGANIZATIONAL MAINTENANCE ACTIVITIES (OMA), WITH REAL TIME DATA THAT IS REPLICATED TO THE TOP TIER (NAVIDE) VIA NETWORK CONNECTIONS AND TO PROVIDE ACCURATE ORGANIZATION INFORMATION. THIS RELEASE UPDATES THE FOUNDATION TIER SERVER TO WINDOWS SERVER 2003 ENTERPRISE EDITION. EC-22 INSTALLS OOMA 831-01.05.10 VIA ALTERATION INSTALLATION TEAM (AIT). POC, ; WICKSTROM, MICHAEL, 619-524-7539, WICKSTROM. MICHAEL@NAVY.MIL.

Task/Abbreviation: O-49311-152- -SWD 76224 NIAPS - ACCOMP				MJC: CXSAO924		Rev Date: 4/3/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 5		Alt No: SWD 76224	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-152) SWD 76224 NIAPS, NIAPS 2.0 NIPRNET SURFACE, NOT ACCOMPLISHED	ACCOMPLISH SWD 76224 NIAPS (EQUIVALENT TO SCD 6224) WHICH IS A PERIODIC UPGRADE TO THE EXISTING NIAPS APPLICATIONS. THIS ALLOWS THE SHIPS THE LATEST SOFTWARE VERSIONS THAT ARE IN USE BY THE FLEET, AS WELL AS UPDATED OFF-LINE CONTENT. NIAPS PROVIDES A HIGHLY BANDWIDTH EFFICIENT REPLICATION MECHANISM (DISTANCE SUPPORT 3.0) TO KEEP ALL THE APPLICATIONS CURRENT ON A FLEETWIDE BASIS. NIAPS ENABLES SEVERAL KEY APPLICATIONS THAT INCLUDE: ELECTRONIC TECHNICAL AND MAINTENANCE MANUALS IN AN AUTOMATED AND HIGHLY CONFIGURATION MANAGEMENT CONTROLLED SYSTEM, STREAMLINED LOCK OUT TAG CAPABILITY, FULL SHIP AUTOMATED PREVENTIVE MAINTENANCE ACTION SCHEDULER, OPERATIONAL READINESS, AND A SAFETY MANAGEMENT SYSTEM. POC: RICHARD PETERSON, 717-605-2080, RICHARD.L.PETERSON@NAVY.MIL OR TIMMY NORRIS, 812-854-8591, TIMMY.NORRIS.CTR@NAVY.MIL

Task/Abbreviation: K-49311-161- -SHIPALT LHD1-75608K - ACCOMP				MJC: CXSAK448		Rev Date: 5/13/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 10		ManDays: 10		Alt No: SALHD 75608 K	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-161) SHIPALT LHD1-75608K, PEOC4I CND-IATS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-75608K WHICH PROVIDES CND-IATS (COMPUTER NETWORK DEFENSE INFORMATION ASSURANCE TOOLS SERVER), A HARDWARE NETWORK SERVER WITH INFORMATION ASSURANCE (IA) SOFTWARE COMPONENTS TO MEET THE IMPLEMENTATION MANDATES OF JTF-GNO CTO 06-18 AND NCDOC CTO 06-02. SOFTWARE IS 100% COTS. POC: BARBARA EDWARDS, 858-537-8774, BARBARA.EDWARDS@NAVY.MIL.

Task/Abbreviation: K-49311-164- -SHIPALT LHD1-75380K- ACCOMP			MJC: EXSAK848		Rev Date: 7/26/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 75380 K
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-164) SHIPALT LHD1-75380K, SUPPORT INFRASTRUCTURE FOR GCS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-75380K WHICH PROPOSES TO INSTALL GCSS-M SHELVES WHICH ARE TENTATIVELY PLANNED FOR INSTALLATION IN THE SNAP III COMPUTER ROOM (02-89-3-C) ON THE LHD CLASS SHIPS.

Task/Abbreviation: K-49311-165- -SHIPALT LHD1-75914K - ACCOMP**MJC:** CXSAK462**Rev Date:** 6/17/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10**ManDays:** 10**Alt No:** SALHD 75914 K**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-49311-165) SHIPALT LHD1-75914K, PEOC4I DMS
PROXY INSTALL, NOT ACCOMPLISHEDACCOMPLISH SHIPALT SHIPALT LHD1-75914K WHICH UPGRADES THE
ISNS TO SUPPORT THE NAVY TACTICAL MESSAGING TRANSITION TO
INTERNET PROTOCOL (IP). ISNS IS REQUIRED TO EFFECTIVELY
DELIVER AND SUSTAIN OPERATIONAL MESSAGING REQUIREMENTS
USING THE DEFENSE MESSAGING SYSTEM (DMS) PROXY SOLUTION.
ISNS WILL PROVIDE CONNECTIVITY WITHIN SHIP'S COMM CENTER
AND DOWN HULL PROCESSING OF ORGANIZATIONAL MESSAGING.
ALSO CMS VAULT SIPR CONNECTIVITY MUST BE PROVIDED IN
ORDER TO PROVIDE IP OVER-THE-AIR-TRANSFER (OTAT) OF
KEYMAT. THE ADNS ROUTER MUST HAVE CONNECTIVITY TO THE
UPGRADED SSR-1 SYSTEM PATCH PANEL. POC: MARGARET SOLER,
858-537-8575. MARGARET.SOLER@NAVY.MIL OR BILL GORA,
858-537-0277, WILLIAM.GORA.CTR@NAVY.MIL

Task/Abbreviation: O-49311-172- -EC 76428 CMP SW UPGD - ACCOMP**MJC:** CXSAOA17**Rev Date:** 9/4/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:** EC 76428**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-49311-172) EC 76428 CMP SW VER 4.7.6.0 UPGD,
CMP SW VER 4.7.6.0 UPGD, NOT ACCOMPLISHEDACCOMPLISH EC 76428 CMP SW VER 4.7.6.0 UPGD WHICH PROVIDES
INSTALLATION INSTRUCTIONS FOR THE CMP 4.7.6.0 INSTALLATION.
THE COMMON MESSAGE PROCESSOR (CMP) IS THE ONLY
AUTHORIZED MESSAGE DRAFTING TOOL THAT WILL CONTAIN JOINT
USMTF MESSAGE STANDARDS IN FY05 AND BEYOND. THIS
UPGRADE INCLUDES THE MIL-STD 2007 MTF MESSAGE FORMATS
AND NAVY UNIQUE PRO-FORMA MESSAGE FORMATS. THIS VERSION
OF CMP DROPS THE COE PORTION OF THE NAMING CONVENTION.
ADDITIONALLY, CMP 4.7.6.0 PROVIDES FIXES TO EXISTING
FEATURES AND CAPABILITIES FOUND IN CMP 4.6.0.5(P5). THIS
SOFTWARE CAN BE LOADED ON ANY DESKTOP COMPUTER
WITHOUT LICENSING RESTRICTIONS. POC: MARGARET SOLER,
858-537-8575, MARGARET.SOLER@NAVY.MIL OR KURT ROSENBAUM,
619-524-7829, KURT.ROSENBAUM@NAVY.MIL

Task/Abbreviation: K-49311-182- -EC 78020 NIAPS 2.1 - ACCOMP**MJC:** EXSAO549**Rev Date:** 8/18/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:** EC 78020**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-49311-182) EC 78020 NIAPS 2.1 SIPR SURF ST1,
NOT ACCOMPLISHEDACCOMPLISH EC 78020 NIAPS 2.1 SIPR SURF ST1 WHICH ENABLES
SEA WARRIOR ONTO THE DEPLOYED SHIP. THIS ENABLES OFFICERS
AND ENLISTED PERSONNEL TO ACCESS MANDATORY TRAINING
CONTENT AND CAREER MANAGEMENT THAT THEIR SHORE SIDE
COUNTERPARTS HAVE. APPLICATIONS FOR NIAPS 2.1 ARE: SEA
WARRIOR SPIRAL 1B, 2RI IETM VIEWER AND TRANSACTIONS ONLINE
PROCESSING SYSTEM (TOPS). NIAPS VER 2.1 WILL RESIDE ON THE
NTCSS NIAPS SERVER. NIAPS VER 2.1 AND IS A SOFTWARE
MODIFICATION COMPOSED OF A SOFTWARE OPERATING
ENVIRONMENT AND A SUITE OF NAVY APPLICATIONS. POC: HENRY
HUDDLESTON, 757-558-8722, HENRY.HUDDLESTON@NAVY.MIL OR
TIMMY NORRIS, 812-854-8591, TIMMY.NORRIS.CTR@NAVY.MIL OR
AARON GREIM, 812-854-2929, AARON.GREIM@NAVY.MIL OR LINDA
SHERBURNE, 757-558-5299, LINDA.SHERBURNE@NAVY.MIL OR
SHARON MCILNAY, 202-781-2286, SHARON.A.MCILNAY@NAVY.MIL OR
PAUL LAWRENCE, 202-781-5194, PAUL.J.LAWRENCE@NAVY.MIL.

Task/Abbreviation: O-49311-184- -EC 78034 NIAPS 2.2 - ACCOMP			MJC: CXSAOAC8		Rev Date: 6/3/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: EC 78034
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-184) EC 78034 NIAPS2.2NIPR SURF ST1, PEO-EIS NIAPS2.2NIPR SURF ST1, NOT ACCOMPLISHED	ACCOMPLISH EC 78034 NIAPS2.2NIPR SURF ST1, WHICH IS A VERSION CHANGE TO THE EXISTING NIAPS (NAVY INFORMATION/APPLICATIONS PRODUCT SUITE) APPLICATIONS. THIS ALLOWS THE SHIPS THE LATEST SOFTWARE VERSIONS THAT ARE IN USE BY THE FLEET, AS WELL AS UPDATED OFF-LINE CONTENT. NIAPS PROVIDES A HIGHLY BANDWIDTH EFFICIENT REPLICATION MECHANISM (DISTANCE SUPPORT 3.1) TO KEEP ALL THE APPLICATIONS CURRENT ON A FLEET WIDE BASIS. NIAPS ENABLES SEVERAL KEY APPLICATIONS THAT INCLUDE: ELECTRONIC TECHNICAL AND MAINTENANCE MANUALS IN AN AUTOMATED AND HIGHLY CONFIGURATION MANAGEMENT CONTROLLED SYSTEM, STREAMLINED LOCK OUT TAG CAPABILITY, FULL SHIP AUTOMATED PREVENTIVE MAINTENANCE ACTION SCHEDULER, OPERATIONAL READINESS, AND A SAFETY MANAGEMENT SYSTEM. POC: HENRY HUDDLESTON, 757-558-8722, HENRY.HUDDLESTON@NAVY.MIL OR TIMMY NORRIS, 812-854-8591, TIMMY.NORRIS.CTR@NAVY.MIL OR AARON GREIM, 812-854-2929, AARON.GREIM@NAVY.MIL OR LINDA SHERBURNE, 757-558-5299, LINDA.SHERBURNE@NAVY.MIL OR SARAH SEYMOUR, 703-602-0825, SARAH.SEYMOUR.CTR@NAVY.MIL

Task/Abbreviation: O-49311-185- -SWD 75952 ASM - ACCOMP			MJC: CXSAOAC9		Rev Date: 5/18/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 75952
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-185) SWD 75952 ASM, ASM WEB SERVER SWD 2.0.19D, NOT ACCOMPLISHED	ACCOMPLISH SWD 75952 WHICH UPGRADES THE AVIATION MAINTENANCE TRAINING CONTINUUM SYSTEM (AMTCS) SOFTWARE MODULE (ASM) WEB SERVER, ON ASM 2.0.19.01 INSTALLED PLATFORMS, TO VERSION 2.0.19D. ASM 2.0.19D PROVIDES ENHANCEMENTS TO SYSTEM SECURITY, THE PROTECTION OF MAINTENANCE PERSONNEL PERSONAL IDENTIFIABLE INFORMATION (PII), IMPLEMENTATION OF PERSONNEL QUALIFICATION SYSTEM (PQS) AND QUALIFIED PROFICIENT TECHNICIAN (QPT). ALSO ENSURES COMPATIBILITY BETWEEN SHIP AND SHORE INSTALLATIONS OF THE SOFTWARE. POC: PATRICK MCCALIB, 360 315 7364, PATRICK.MCCALIB@NAVY.MIL

Task/Abbreviation: K-49311-188- -SWD 73564K NAVY CASH - ACCOMP			MJC: EXSAO301		Rev Date: 9/7/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: SWD 73564
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-188) SWD 73564K SWD 1.4.6 NAVY CASH, NAVY CASH SWD 1.4.6, NOT ACCOMPLISHED	ACCOMPLISH SWD 73564K SWD 1.4.6 NAVY CASH WHICH UPDATES THE SYSTEM TO INCLUDE SECURITY PATCHES INCLUDING INFORMATION ASSURANCE VULNERABILITY (IAV) NOTICES AND COMPUTER TRACKING ORDERS (CTOS). THE SERVER OPERATING SYSTEM IS UPDATED FROM WINDOWS SERVER 2000 TO WINDOWS SERVER 2003. THE PRODUCT UPDATES INCLUDE AUTOMATION FOR REGULAR DUITES FOR THE DISBURSING OFFICER TO PREVENT MANUAL INTERVENTION AND PROVIDING REGULAR INFORMATION EXCHANGES BETWEEN SHIP AND SHORE INFORMATION STORES. POC: ED OLSEN, 717-605-7005, EDWARD.OLSEN@NAVY.MIL, OR ALAN MOSER, 757-836-3159, ALAN.MOSER1.CTR@NAVY.MIL, OR TORY MCCAIN, 202-781-3442, TORY.MCCAIN@NAVY.MIL OR SHARON MCILNAY, 202-781-2286, SHARON.A.MCILNAY@NAVY.MIL.

Task/Abbreviation: O-49311-194- -EC 78737 NSIPS 1.2.12 - ACCOMP**MJC:** XXSAO038**Rev Date:** 6/8/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 2**Alt No:** EC 78737**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-49311-194) EC 78737 NSIPS 1.2.12 SW ONLY SURF, PEO-EIS1.2.12SW ONLY SURF ST1, NOT ACCOMPLISHED

ACCOMPLISH EC 78737 NSIPS 1.2.12 SW ONLY SURF, WHICH UPDATES NUMEROUS PAY AND PERSONNEL TRANSACTION CODES AND ENHANCES THE ELECTRONIC SERVICE RECORD (ESR), WHICH ALL COMMANDS ARE REQUIRED TO USE. IT ALSO ENHANCES THE CAREER INFORMATION MANAGEMENT SYSTEM (CIMS) AND PROVIDES NUMEROUS OTHER IMPROVEMENTS TO BETTER ALLOW NAVY CAREER COUNSELORS TO RETAIN AND DEVELOP SAILORS. THERE ARE ALSO NUMEROUS OTHER IMPROVEMENTS IN VERSION 1.2.12 CAREER INFORMATION MANAGEMENT SYSTEM (CIMS) FUNCTIONALITY. THERE IS NO IMPACT ON LOAD CENTERS, IC SWITCHBOARDS, VITAL POWER, HVAC OR THE NETWORK COMMUNICATION PORTS OR PROTOCOLS. THERE ARE NO CHANGES TO CONNECTIVITY OR BANDWIDTH. SOFTWARE VERSION 1.2.12 UPGRADES THE NSIPS APPLICATION ON THE DEDICATED NSIPS SERVER ALREADY INSTALLED ONBOARD. THERE ARE NO CHANGES TO THE NETWORK COMMUNICATION PORTS OR PROTOCOLS. POC: JIM KISSEL, 504-697-5372, JAMES.KISSEL@NAVY.MIL OR TIMMY NORRIS, 812-854-8591, TIMMY.NORRIS.CTR@NAVY.MIL OR LINDA SHERBURNE, 757-558-5299, LINDA.SHERBURNE@NAVY.MIL

Task/Abbreviation: K-49311-195- -SHIPALT LHD1-77504K - ACCOMP			MJC: EXSAK881		Rev Date: 7/21/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 77504 K
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-195) SHIPALT LHD1 77504 K, PEOC4I CND-IATS AN/UYQ-96(V)7, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD 77504K WHICH INSTALLS THE CND-IATS (COMPUTER NETWORK DEFENSE INFORMATION ASSURANCE TOOLS SERVER). IT IS A HARDWARE NETWORK SERVER WITH INFORMATION ASSURANCE (IA) SOFTWARE COMPONENTS. SHIPS GETTING THIS VARIANT AN/UYQ-96 (V) 7 WILL RECEIVE THE FOLLOWING EQUIPMENT: DL385 G2 SERVER (414109-B21) AND BACKUP SOLUTION [EXABYTE TAPE LIBRARY (119.00500)]. EQUIPMENT WILL BE INSTALLED IN EXISTING CND AN/UYQ96 (V) 1 GRADE B SHOCK TESTED RACK. POC: BOB BARKSDALE, 619-524-7164, ROBERT.BARKSDALE@NAVY.MIL; LOUIS GATES, (619) 553-9436, LOUIS.GATES@NAVY.MIL

Task/Abbreviation: K-49311-197- -EC 78383 NIAPS 2.3 - ACCOMP**MJC:** EXSAKA58**Rev Date:** 8/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:** EC 78383**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-49311-197) EC 78383 NIAPS 2.3 NIPR SURF ST1,
NOT ACCOMPLISHEDAIT INSTALLATION. ACCOMPLISH EC 78383 NIAPS 2.3 NIPR SURFACE
WHICH IS A NEW POINT RELEASE. NIAPS ENABLES SEA WARRIOR
ONTO THE DEPLOYED SHIP WHICH ENABLES OFFICERS AND
ENLISTED PERSONNEL TO ACCESS MANDATORY TRAINING
CONTENT AND CAREER MANAGEMENT THAT THIER SHORE SIDE
COUNTERPARTS HAVE. NIAPS VERSION 2.3 WILL RESIDE ON THE
NTCSS NIAPS SERVER. POC: HENRY HUDDLESTON, 757-558-8722,
HENRY.HUDDLESTON@NAVY.MIL, AARON GREIM, 812-854-2929,
AARON.GREIM@NAVY.MIL, LINDA SHERBURNE, 757-558-5299,
LINDA.SHERBURNE@NAVY.MIL OR TIMMY NORRIS, 812-854-8591,
TIMMY.NORRIS.CTR@NAVY.MIL OR SARAH SEYMOUR, 703-602-0825,
SARAH.SEYMOUR.CTR@NAVY.MIL

Task/Abbreviation: K-49311-201- -SHIPALT LHD1-77698K - ACCOMP			MJC: CXSAK599		Rev Date: 12/19/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 250	Alt No: SA LHD1-77698K
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-201) SHIPALT LHD1-77698K, ISNS LAN INC1 MOD2 WAP, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-77698K WHICH MODIFIES THE ISNS LAN TO PROVIDE WIRELESS CAPABILITIES (WLAN) WITHIN UNCLASSIFIED SPACES ABOARD NAVY SURFACE SHIPS. THE SYSTEM MEETS ALL ENVIRONMENTAL, TECHNICAL AND INFORMATION ASSURANCE REQUIREMENTS FOR WIRELESS NETWORKS WITHIN THE US NAVY ENVIRONMENT. THIS SYSTEM PROVIDES A COST SAVINGS BY INCREASING THE DROP COUNT AVAILABLE ONBOARD BEYOND WIRED NETWORK CONNECTIVITY AND BRINGS THE INHERENT BENEFITS OF WIRELESS NETWORK ACCESS, SUCH AS USER MOBILITY, ETC. THE WLAN CONSISTS OF ACCESS POINTS (AP) PROVIDING NETWORK ACCESS TO USERS (UTILIZING IEEE 802.11 STANDARDS) AS WELL AS WIRELESS INTRUSION DETECTION SYSTEM (WIDS) SENSORS TO PASSIVELY DETECT ALL WIRELESS ACTIVITY IN THE UNLICENSED 802.11 FREQUENCY RANGES. POC: JOSE MEDELLIN, 858-537-0556, JOSE.MEDELLIN@NAVY.MIL OR WILLIAM DELVALLE, 619-524-7882, WILLIAM.DELVALLE@NAVY.MIL OR ROBERT BORKA, 202-781-1982, ROBERT.BORKA@NAVY.MIL.

Task/Abbreviation: O-49311-203- -EC 75938 - ACCOMP			MJC: CXSAOAI0		Rev Date: 9/16/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: EC 75938
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-203) EC 75938 NTCSS UYK-158 FORC LVL UP, NTCSS(EC24) FORCE LEVEL VIKING UPG, NOT ACCOMPLISHED	ACCOMPLISH EC 75938, WHICH REMOVES OBSOLETE NTCSS HARDWARE AND INSTALLS NEW COMMERCIAL OFF-THE-SHELF (COTS) EQUIPMENT AND THE NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS) OPTIMIZED UPGRADE VERSION 800-02.03.XX SOFTWARE. NTCSS APPLICATIONS INCLUDES RELATIONAL SUPPLY (R-SUPPLY), RELATIONAL ADMINISTRATIVE DATA MANAGEMENT (R-ADM), OPTIMIZED INTERMEDIATE MAINTENANCE ACTIVITY (OIMA) NAVAL AVIATION LOGISTICS COMPUTER MAINTENANCE INFORMATION SYSTEM (NALCOMIS), AND ORGANIZATIONAL MAINTENANCE MANAGEMENT SYSTEM - NEXT GENERATION (OMMS-NG). POC: LUCIA GERENA, 619-221-4540, LUCIA.GERENA@NAVY.MIL

Task/Abbreviation: O-49311-207- -EC 79360 NSIPS 1.2.18 - ACCOMP				MJC: CXSAOAI3		Rev Date: 10/19/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:		Alt No: EC 79360	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-207) EC 79360 NSIPS 1.2.18 SW ONLY SURF, PEO-EIS1.2.18SWONLY SURF ST1, NOT ACCOMPLISHED	ACCOMPLISH EC 79360 NSIPS 1.2.18 SW ONLY SURF, WHICH IS A SUSTAINMENT TYPE 1 (ST-1) ALTERATION. IT IS AN INTERNAL SOFTWARE MODIFICATION THAT IS A TYPE OF CONFIGURATION CHANGE THAT PROVIDES NEW FUNCTIONALITY. NSIPS WEB AFLOAT SOFTWARE UPGRADE VERSION 1.2.18 IS AN ENHANCEMENT TO CURRENT NSIPS. UPGRADES INCLUDE THE ADDITION OF CAREER ENLISTMENT (CE) PROCESSING, AND ENHANCEMENTS/UPDATES TO NUMEROUS PAY AND PERSONNEL TRANSACTION CODES, THE ELECTRONIC SERVICE RECORD (ESR), AND THE CAREER INFORMATION MANAGEMENT SYSTEM (CIMS). POC: LINDA SHERBURNE, 757-558-5299, LINDA.SHERBURNE@NAVY.MIL, JAMES KISSEL, 504-697-5372, JAMES.KISSEL@NAVY.MIL, ELIJAH SANDERS, 504-697-5301, ELIJAH.SANDERS@NAVY.MIL OR HENRY HUDDLESTON, 757-558-8722, HENRY.HUDDLESTON@NAVY.MIL

Task/Abbreviation: K-49311-208- -SWD 79377 - ACCOMP**MJC:** EXSAKA69**Rev Date:** 8/3/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:****Alt No:** SWD 79377**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-49311-208) SWD 79377 UPDATE ISNS TOOLKITS,
UPDATE ISNS TOOLKITS, NOT ACCOMPLISHED

AIT INSTALLATION. ACCOMPLISH SWD 79377 UPDATE ISNS TOOLKIT WHICH UPDATES THE SOFTWARE LIST FOR THE ISNS AN/USQ-153. ISNS TOOLKIT 2.0.0 WAS IDENTIFIED IN SCDS 6089 AND 6111 FOR D(V)9 AND D(V)1, RESPECTIVELY. ISNS TOOLKIT 5.0.0 WAS IDENTIFIED IN SCD 7431 FOR (V)10. THIS SCD WILL MODIFY THE CONTENTS OF BOTH TO ADD AND REMOVE SOME SOFTWARE APPLICATIONS THE COST TO INSTALL WILL BE COVERED UNDER THE MENTIONED SHIP CHANGES (6089, 6111 AND 7431). TO MAINTAIN CONFIGURATION MANAGEMENT (CM) THE NEW VERSIONS OF TOOLKIT WILL BE ISNS TOOLKIT 2.1.0 AND 5.1.0. FROM BOTH ISNS TOOLKITS, DMS PROXY 1.0.0 & THE ISNS CORE SERVICES 1.0.0.0 VNE NCS 2.3.0 IS REMOVED. COLLABORATION AT SEA (CAS) 8.X, A CHAT CLIENT, WILL BE INSTALLED WITH THE ISNS BASELINE IN THE ISNS TOOLKIT 2.1.0 / 5.1.0. POC: ROB DIAZ, 619 524-7985, ROB.DIAZ@NAVY.MIL, OR RICH ORCHARD, 858 537-0592, RICHARD.ORCHARD@NAVY.MIL, OR SHARON MCILNAY, 202-781-2286, SHARON.A.MCILNAY@NAVY.MIL OR WILLIAM DELVALLE, 619-524-7882, WILLIAM.DELVALLE@NAVY.MIL OR MARK COOPER, 619-524-3540, MARK.COOPER@NAVY.MIL OR NIK SIMON, 858-537-0425, NIKOLAS.A.SIMON@NAVY.MIL.

Task/Abbreviation: K-49311-209- -SWD 79450 NSIPS 1.2.19- ACCOMP			MJC: EXSAKA98		Rev Date: 10/5/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 79450 K
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-209) SWD 79450 NSIPS 1.2.19 SW ONLY SURF, PEO-EIS1.2.19SW ONLY SURF ST1, NOT ACCOMPLISHED	MAIL OUT-ACCOMPLISH SWD 79450 NSIPS 1.2.19 SW ONLY SURF WHICH INSTALLS NSIPS WEB AFLOAT SOFTWARE (ONLY) UPGRADE VERSION 1.2.19. IT IS AN ENHANCEMENT TO THE EXISTING NSIPS VERSION. NSIPS VERSION 1.2.19 ENHANCES CURRENT FUNCTIONALITY BY ADDING THE CAPABILITY TO PROCESS LEAVE REQUESTS ELECTRONICALLY. OTHER CHANGES INCLUDE REGULAR MAINTENANCE UPDATES TO THE ELECTRONIC SERVICE RECORD (ESR), THE CAREER INFORMATION MANAGEMENT SYSTEM (CIMS), AND TO NUMEROUS PAY AND PERSONNEL TRANSACTION CODES. POC: CHRISTINE NICHOLSON, 805-228-8637, CHRISTINE.NICHOLSON1.CTR@NAVY.MIL OR LINDA SHERBURNE, 757-558-5299, LINDA.SHERBURNE@NAVY.MIL, TIMOTHY HACKETT, 202-781-3657, TIMOTHY.J.HACKETT@NAVY.MIL, OR SHARON MCILNAY, 202-781-2286, SHARON.A.MCILNAY@NAVY.MIL OR PAUL LAWRENCE, 202-781-5194, PAUL.J.LAWRENCE@NAVY.MIL.

Task/Abbreviation: K-49311-211- -SHIPALT 76610K - ACCOMP**MJC:** EXSAKA55**Rev Date:** 9/19/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:** SA 76610**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-49311-211) SHIPALT 76610K, DEPLOYABLE RAPIDS WORKSTATION, NOT ACCOMPLISHED AIT INSTALL

AIT INSTALLATION. ACCOMPLISH SHIPALT 76610K WHICH INSTALLS THE LATEST RAPIDS VERSION 7.X WORKSTATION. THE DEPLOYABLE REAL TIME AUTOMATED PERSONNEL IDENTIFICATION SYSTEM (RAPIDS)WORKSTATION WILL BE PROVIDED FOR THE ISSUANCE/SUSTAINMENT CAPABILITIES FOR THE CAC AND PKI TO SUPPORT THE AFLOAT COMMUNITY. THE DEPLOYABLE RAPIDS WORKSTATION CONSISTS OF A RUGGEDIZED LAPTOP, CAC PRINTER, DIGITAL CAMERA, FINGER PRINT SCANNER, KEY PAD AND 2-CAC READERS AND A DOCUMENT SCANNER. THE SYSTEMS WILL BE SET-UP IN A RESTRICTED SPACE AS A DEPLOYABLE TABLE-TOP INSTALLATION. CONNECTIVITY TO THE SHIPS COMMUNICATIONS WILL BE VIA THE ISNS NETWORK. APPROPRIATE STORAGE CASES FOR THE SYSTEM COMPONENTS ARE PROVIDED WITH THE SYSTEM TO FURNISH ADEQUATE PROTECTION TO THE SYSTEM ELEMENTS FOR STORAGE WHEN NOT IN USE. INSTALL A SHELF CLOSE TO THE OPERATIONAL POSITION OF THE RAPIDS PRIOR TO DELIVERY OF EQUIP TO THE SHIP. THE CAC PRINTER WILL BE SECURELY INSTALLED ON THIS SHELF. POC: VALARIE CHAPMAN, 858.537.0567, VALARIE.CHAPMAN.CTR@NAVY.MIL

Task/Abbreviation: K-49311-238- -EC 78802 K NIAPS 2.4 - ACCOMP				MJC: EXSAKA75		Rev Date: 10/5/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 1		Alt No: 78802	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	EC 78802 K PEO-EIS NIAPS 2.4NIPR SURF, NOT ACCOMPLISHED	THIS IS A MAIL-OUT POC IS ANH HANG 703-602-2040. ACCOMPLISH EC 78802K NIAPS 2.4 NIPR WHICH IS AN INTERNAL EQUIPMENT MODIFICATION PROVIDING NEW FUNCTIONALITY. NIAPS 2.4 UPDATES THE EXISTING NIAPS APPLICATIONS TO ALLOW SHIPS THE LATEST SOFTWARE VERSIONS IN USE BY THE FLEET, AS WELL AS UPDATED OFF-LINE CONTENT. POC: HENRY HUDDLESTON, 757-558-8722, HENRY.HUDDLESTON@NAVY.MIL, AARON GREIM, 812-854-2929, AARON.GREIM@NAVY.MIL, LINDA SHERBURNE, 757-558-5299, LINDA.SHERBURNE@NAVY.MIL OR TIMMY NORRIS, 812-854-8591, TIMMY.NORRIS.CTR@NAVY.MIL OR SARAH SEYMOUR, 703-602-0825, SARAH.SEYMOUR.CTR@NAVY.MIL

Task/Abbreviation: K-49311-239- -SWD 79680K TMIP - ACCOMP			MJC: EXSAO541		Rev Date: 10/6/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 0		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-239) SWD 79680 TMIP V2.0.5.0, THEATER MEDICAL INFORMATION PR, NOT ACCOMPLISHED	AIT INSTALLATION. ACCOMPLISH SWD 79680 TMIP V2.0.5.0 WHICH UPDATES THE SOFTWARE CURRENTLY IN USE. IT PROVIDES SINGLE SIGN ON CAPABILITY, COMPATIBILITY WITH COMPOSE 4.0 AND UPDATES THE SOFTWARE FOR OTHER PROBLEM AREAS. THIS SYSTEM SUPPORTS THE MEDICAL READINESS OF DEPLOYED COMBAT FORCES EVERYWHERE.

Task/Abbreviation: K-49311-240- -SWD 79124 K NIAPS 2.4 - ACCOMP				MJC: EXSAO536	Rev Date: 10/6/2011
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 0	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: 79124
Referenced Authority:	Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-240) SWD 79124 PEO-EIS NIAPS 2.4 SIPRNET SURFACE SHIPS (ST-1), NOT ACCOMPLISHED	AIT INSTALLATION CAPABLE. ACCOMPLISH SWD 79124 PEO-EIS NIAPS 2.4 SIPRNET WHICH IS AN INTERNAL EQUIPMENT MODIFICATION PROVIDING NEW FUNCTIONALITY. NIAPS 2.4 UPDATES THE EXISTING NIAPS APPLICATIONS TO ALLOW SHIPS THE LATEST SOFTWARE VERSIONS IN USE BY THE FLEET, AS WELL AS UPDATED OFF-LINE CONTENT. POC: HENRY HUDDLESTON, 757-558-8722, HENRY.HUDDLESTON@NAVY.MIL, AARON GREIM, 812-854-2929, AARON.GREIM@NAVY.MIL.

Task/Abbreviation: O-49311-241- -SCD 10657 FAS-AU LAPTOP- ACCOM			MJC: EXSAK983		Rev Date: 3/21/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-241) SCD 10657 FAS-AU LAPTOP, NOT ACCOMPLISHED	ACCOMPLISH SCD 10657 FAS-AU LAPTOP WHICH INSTALLS THE FLEET APPLICATION SERVER - ALTERNATE UNCLASS (FAS-AU) LAPTOP SERVER AS A PLATFORM FOR THE AFLOAT TOOLBOX FOR MAINTENANCE (ATM) MAINTENANCE SUITE FOR SHIPS THAT ARE NOT SCHEDULED TO RECEIVE THE NIAPS SERVER UPGRADE THAT CONTAINS THE MFOM ATM TOOL SUITE ON TIME TO SUPPORT READINESS REPORTING TO THE DEFENSE READINESS REPORTING SYSTEM 6 NAVY (DRRS-N). WHEN THE SHIP'S NIAPS SERVER IS UPGRADED TO THE VERSION THAT CONTAINS THE MFOM ATM SUITE, THIS LAPTOP SERVER WILL BE REMOVED FROM THE SHIP. THIS SCD IS FULLY FUNDED BY USFF N43. THE TECHNICAL POC IS JERRY ZUMBRO AND PARM IS BROWN,PAUL, NAVAL SURFACE FORCE U S PACIFIC FLEET, NAVAL AMPHIBIOUS BASE, 6194372371, PAUL.E.BROWN@NAVY.MIL

Task/Abbreviation: K-49311-242- -SHIPALT 80294-K ACCOMPLISH**MJC:** EXSAKA09**Rev Date:** 5/3/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:** 80294**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

PEOC4I ISNS BACKUP TAPE DRIVE

THIS INSTALLATION SOLUTION FOR THE ISNS AN/USQ-153 (V)1 INC 0 VARIANT WILL INSTALL ONE FAS2020 UNIT, ONE ALCATEL 6850 SWITCH, AND ONE UPS 1500AV ON BOTH THE UNCLASS AND CLASS ENCLAVES. THE PLANNING YARD WILL CONDUCT A SHIP CHECK TO DETERMINE WHICH IS THE APPROPRIATE CHOICE. THE COMBAT SYSTEMS OPERATING SEQUENCING SYSTEM (CROSS) MAY REQUIRE UPDATING DUE TO THE NEW EQUIPMENT. UTILIZING THE SHIP'S BACKUP SOFTWARE AGENT, THIS SOLUTION REDIRECTS THE DATA FROM THE LOCAL TAPE DRIVE TO THE STORAGE SYSTEM(S). THE FAS2020 CAN HOLD UP TO 7.7TB OF USEABLE DATA, WHICH MEETS THE 30-DAY RETENTION PERIOD FOR ALL AFFECTED SHIPS. IN ACCORDANCE WITH INFORMATION ASSURANCE (IA) DIRECTIVES, THE TAPE DRIVES WILL NOT BE REMOVED FROM THEIR CURRENT SYSTEM AND THE TAPES WILL BE SECURED ONBOARD. THE ADDITION OF THE FAS 2020, ALCATEL SWITCH, AND UPS HAVE A MINIMAL IMPACT TO WEIGHT AND MOMENT. NETWORK ADMINISTRATORS RECEIVE OJT/DIFFERENCES TRAINING (5 DAYS) AT TIME OF INSTALL. PARM: NIK SIMON, PEO C4I & SPACE PMW-160, 619-537-0425, KOLAS.A.SIMON@NAVY.MIL, TECH POC: CALVIN CHANG, PEO C4I & SPACE PMW-160, CODE 160.3, (619) 767-4759, CALVIN.CHANG@NAVY.MIL

Task/Abbreviation: K-49311-248- -SCD 9793 AMSRR - ACCOMP			MJC: CXSAOAU6		Rev Date: 7/14/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: 9793
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-248) SCD 9793 AMSRR WEB V3.01, NOT ACCOMPLISHED.	ACCOMPLISH SCD 9793 AMSRR WEB V3.01 WHICH DELIVERS UPDATED AVIATION MAINTENANCE SUPPLY READINESS REPORTING (AMSRR) SOFTWARE. AMSRR V3.01 IS A FULLY WEB ENABLED SYSTEM. THE BASIC FUNCTIONALITY AND PURPOSE OF THE AMSRR WEB V3.01 SOFTWARE IS THE SAME AS AMSRR V3.0. THE SOFTWARE CHANGE INCLUDES UPDATES TO .NET FRAMEWORK 3.5, SQL SERVER 2005/SOL EXPRESS AND CUSTOMER DIRECTED ENHANCEMENTS FOR DATA INTEGRITY AND USER INTERFACE. THE WEB SITE WILL ONLY BE VISIBLE AND ACCESSIBLE TO AUTHORIZED USERS ON THE SHIPS LAN. TECHNICAL POC IS JOHN HEILBRONN (619) 955-5908 JHEILBRONN@INNOVASI.COM.

Task/Abbreviation: K-49311-249- -EC 11473 K CND-OSE ACCOMPLISH**MJC:** EXSAKAG0**Rev Date:** 9/26/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 10**Alt No:** EC 11473 K**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

EC 11473 K CND-OSE V1.2 NOT ACCOMPLISHED

CND-OSE V1.2 MONITORS, DETECTS, AND COUNTERS AGAINST KNOWN CYBER-THREATS TO DEPARTMENT OF DEFENSE (DOD) ENTERPRISE. CND-OSE V1.2 WILL BRING TO AFLOAT PLATFORMS THE FOLLOWING CHANGES: HOST BASED SECURITY SYSTEM (HBSS) WILL BE ATTACHED TO EACH HOST (SERVER, DESKTOP, AND LAPTOP) IN DOD. THE SYSTEM WILL BE MANAGED BY LOCAL ADMINISTRATORS AND CONFIGURED TO ADDRESS KNOWN EXPLOIT TRAFFIC USING AN INTRUSION PREVENTION SYSTEM (IPS) AND HOST FIREWALL. SECURE COMPARTMENTED COMPLIANCE VULNERABILITY INITIATIVE (SCCVI) UPDATES TO THE LATEST SCAN ENGINE AND AUDIT FILE. MICROSOFT SQL VM WILL INSTALL THE LATEST OPERATING SYSTEM (OS) PATCHES. THE CURRENT VERSION OF VMWARE ESX WILL BE INSTALLED. THE COMPATIBILITY SUPPORT OF 64 BIT OS WILL BE EXPANDED FOR THOSE APPLICABLE. HBSS V4.5 ENHANCES THE INTEGRATION SYMANTEC ANTIVIRUS PRODUCT AND PROVIDES SUPPORT TO NEWER 64 BIT OPERATING SYSTEMS BEING DEPLOYED WITH COMPOSE 4.0. PARM: ROBERT BARKSDALE, PMW 130.2 FIELDING AND SUSTAINMENT APM, ROBERT.BARKSDALE@NAVY.MIL; 619-524-7164. TPOC: LOUIS GATES, SSC PACIFIC LEAD ENGINEER, LOUIS.GATES@NAVY.MIL, 619-553-9436.

Task/Abbreviation:		K-49311-252- -SA 80506 NAVY CASH SERVER REFR		MJC:	EXSAKAM5	Rev Date:	10/3/2011
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	0	Removal Required:	
Lvl of Maint:	3	Freq:	0	Equip/Task:	0	Matl Cost:	
				ManDays:	0	Alt No:	SA 80506
Referenced Authority:		Repair Pool:		MCC:	2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	ACCOMPLISH SA 80506 NAVY CASH SERVER REFRESH, NOT ACCOMPLISHED	AIT INSTALLATION CAPABLE. Navy Cash is a Program of Record that has been deployed on over 150 ships through FY 10. The Server, laptops and workstations are being replaced as part of the Technical Refresh effort, the server due to end of life, the laptop and workstations are no longer supported and all devices need to be compatible with the concurrent Navy Cash SWD 1.4.7 upgrade to receive software updates remotely. POC IS EDWARD OLSEN 717.605.7005 EDWARD.OLSEN@NAVY.MIL

Task/Abbreviation: O-49331-001- -FC 58 AN/USQ-T46(V) - ACCOMP			MJC: CXSAO172		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 6	Alt No: FC 58 USQ-T46	
Referenced Authority:		Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49331-1) FC 58 AN/USQ-T46(V), FIBER OPTIC CABLE INSTALLATION, NOT ACCOMPLISHED	ACCOMPLISH FC 58 AN/USQ-T46(V) WHICH PROVIDES THE CAPABILITY FOR BFTT WAN DATA TO RIDE THE BASE LEVEL INFOMATION INFRASTRUCTURE (BLII) SINGLE UMBILICAL CABLE WHICH IS USED WHILE IN PORT. POC: ROBERT BAXLEY (812) 854-5348, ROBERT.BAXLEY@NAVY.MIL

Task/Abbreviation: O-49411-005- -EC 4 AN/UMK-4A(V)1 - ACCOMP				MJC: CXSAO144		Rev Date: 8/30/2006	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:		ManDays: 33	Alt No: EC 4 AN/UMK-4A	
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49411-5) EC-4, AN/UMK-4A(V)1 NITES 2002 AFLOAT HW REFRESH, NOT ACCOMPLISH.	ACCOMPLISH EC-4 WHICH WILL INSTALL HARDWARE UPGRADES TO THE AN/UMK-4A(V)1 AFLOAT VARIANT NITES 2002 SYSTEM. THE HARDWARE UPGRADES INCLUDES THE FOLLOWING: UPGRADE THE SERVER CABINET INTERNAL COMPONENTS, DATA SERVERS AND NETWORK SWITCHES; UPGRADE THE CLASS AND UNCLASS WINDOWS WORKSTATIONS CPUS; UPGRADE THE CLASS AND UNCLASS WINDOWS WORKSTATIONS DISPLAYS; UPGRADE THE UNINTERRUPTIBLE POWER SUPPLIES (UPS) FOR ALL CLASS AND UNCLASS WINDOWS WORKSTATIONS; UPGRADE THE SCANNER FOR CLASS WINDOWS WORKSTATION NO. 3; UPGRADE THE CLASS AND UNCLASS LAPTOPS TO RUGGED LAPTOPS; UPGRADE THE CLASS UNIX WORKSTATION HUMAN MACHINE INTERFACE (HMI) DISPLAY AND UPGRADE THE CLASS NETWORK PRINTER. THESE UPGRADES WILL BRING THE NITES AFLOAT 2002 SYSTEM ONBOARD THESE SHIPS UP TO DATE ALONG WITH THE REST OF THE FLEET.

Task/Abbreviation: O-49411-006- -FC 3 AN/SMQ-11C B/C - ACCOMP			MJC: CXSAO157		Rev Date: 6/2/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10,000	ManDays: 20	Alt No: FC 3 AN/SMQ-11
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49411-6) FC 3 AN/SMQ-11C B/C, SAT RCV PROC UPG-TECH RFSH, NOT ACCOMPLISHED.	ACCOMPLISH FC 3 AN/SMQ-11C B/C WHICH PROVIDES NEW FUNCTIONALITY NECESSARY TO PROCESS NEXT GENERATION OF ENVIRONMENTAL SATELLITE FAMILIES, ALONG WITH A PLANNED TECHNOLOGY REFRESH. EXISTING TAC-4 PROCESSING COMPUTER, CUSTOM RECEIVER/DEMODULAR, VIDEO , UPS AND PERIPHERAL DEVICES WILL BE REPLACED WITH MODULAR COTS DEVICES.

Task/Abbreviation: O-49411-007- -EC 72421 UMK-4A(V)1 - ACCOMP**MJC:** CXSAO243**Rev Date:** 5/26/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 10**Alt No:** EC 72421UMK4**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-49411-7) EC 72421 AN/UMK-4A(V)1 ECO-001.02,
NOT ACCOMPLISHEDACCOMPLISH EC 72421 AN/UMK-4A(V)1 ECO-001.02, WHICH THIS
INCREMENTAL CHANGE (EC1.02) IS SUBMITTED TO PROVIDE
SOFTWARE THAT HAS BEEN UPDATED TO CORRECT PREVIOUS
DISCREPANCIES AND TO ENSURE THAT IS COMPATIBLE WITH THE
GCCS-M 4.0.2 SOFTWARE BUILD. THIS SOFTWARE BUILD IS NOT
BACKWARD COMPATIBLE AND WILL ONLY BE INSTALLED ON SHIPS
IDENTIFIED IN 1.2 ABOVE. THIS ALSO COVERS THE CHANGE OF
SOFTWARE LOAD ON UNIT 5 CLASSIFIED WORKSTATION TO BUILD
3.0.1.0. POC: SHARON GOLDMAN, 616-524-3038,
SHARON.GOLDMAN@NAVY.MIL.

Task/Abbreviation: O-49411-008- -EC 73903 AN/UMK-4A - ACCOMP			MJC: CXSAO514		Rev Date: 12/12/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: EC 73903
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49411-8) EC 73903 AN/UMK-4A TESS/NITES UMK-4, HW REFRS, NOT ACCOMPLISHED.	ACCOMPLISH EC 73903 AN/UMK-4A TESS/NITES UMK-4, HW REFRS WHICH THIS CHANGE IS NECESSARY TO KEEP PACE WITH THE EVOLVING ANTI-SHIP GUIDED MISSILE THREAT AND THE INCREASING SIGNAL DENSITY OF THE ENVIRONMENT. ADDITIONALLY, THE SERVICE LIFE OF THE AN/SLQ-32(V) IS NOW MUCH LONGER THAN ORIGINALLY PROJECTED AND ESE MODIFICATIONS RESOLVE THE DPU OBSOLESCENCE ISSUES. AS A RESULT OF THESE FACTORS, THE AN/SLQ-32(V) HAS REACHED A POINT WHERE CERTAIN IMPROVEMENTS MUST BE MADE IN ORDER FOR THE SYSTEM TO REMAIN SUITABLE AND VIABLE. POC: TIFFANY PHAM, 619-524-2935, TIFFANY.PHAM@NAVY.MIL.

Task/Abbreviation: O-49411-010- -EC 75824 AN/SMQ-11 - ACCOMP			MJC: CXSAO897		Rev Date: 2/15/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: EC 75824
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49411-10) EC 75824 PEOC4I (AN/SMQ-11) (EC03 INCR2) SW UPGD 4.0.4, NOT ACCOMPLISHED.	ACCOMPLISH EC 75824 PEOC4I (AN/SMQ-11) (EC03 INCR2) SW UPGD 4.0.4 WHICH AS NEW ENVIRONMENTAL SATELLITES ARE LAUNCHED NEW ENVIRONMENTAL DATA RECORDS (EDRS) ARE PROVIDED ON A CONTINUAL BASIS. THESE CAN BE REFERRED TO AS SENSORS OF OPPORTUNITY. IN ORDER TO PROVIDE THAT LATEST SYSTEM CAPABILITY TO THE ENVIRONMENTAL SATELLITE RECEIVER PROCESSORS TO THE FLEET AND TO REDUCE THE NUMBER OF SYSTEM GENERATED TROUBLE REPORTS, SW REFRESHES ARE DESIGNED TO INGEST THE NEWEST ENVIRONMENTAL SATELLITE DATA AND THE PLANNED ANNUAL FIELDING OF SAME DEPENDING ON SHIP AND FUNDING AVAILABILITY. SW VERSION 4.0.4 IS INTENDED TO INCORPORATE IMPROVED DIAGNOSTIC CAPABILITIES OF THE SYSTEMS AND THUS FACILITATE QUICKER FAULT ISOLATION. POC, SMITH, TRAVIS, 619-437-2684, TRAVIS.R.SMITH@NAVY.MIL.

Task/Abbreviation: O-49411-015- -EC 75828 AN/SMQ-11 - ACCOMP**MJC:** CXSAOA80**Rev Date:** 1/12/2009**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:** EC 75828**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-49411-15) EC 75828 SMQ-11, EC03 INCR 3 SW 4.0, SMQ-11, EC03 INCR 3 SW 4.0.5, NOT ACCOMPLISHED.

ACCOMPLISH EC 75828 SMQ-11, EC03 INCR 3 SW 4.0 WHICH PROVIDES THE LATEST SYSTEM CAPABILITY TO THE ENVIRONMENTAL SATELLITE RECEIVER PROCESSORS TO THE FLEET AND REDUCES THE NUMBER OF SYSTEM GENERATED TROUBLE REPORTS BY SW REFRESHES. THESE ARE DESIGNED TO INGEST THE NEWEST ENVIRONMENTAL SATELLITE DATA AND THE PLANNED ANNUAL FIELDING OF SAME DEPENDING ON SHIP AND FUNDING AVAILABILITY. SW VERSION 4.0.5 IS INTENDED TO INCORPORATE IMPROVED DIAGNOSTIC CAPABILITIES OF THE SYSTEMS AND THUS FACILITATE QUICKER FAULT ISOLATION. POC: CHARLES "CHUCK" VINSON, 619-890-6033 OR 619-252-9617, CHARLES.VINSON@NAVY.MIL

Task/Abbreviation: O-49411-020- -EC 79341 AN/SMQ-11 - ACCOMP			MJC: CXSAOAT8		Rev Date: 2/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 5	Alt No: EC 75828
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49411-020) EC 79341 SMQ-11, EC03 INCR 5, NOT ACCOMPLISHED.	ACCOMPLISH EC 79341 SMQ-11, EC03 INCR 5 WHICH PROVIDES THE LATEST SYSTEM CAPABILITY TO THE ENVIRONMENTAL SATELLITE RECEIVER PROCCESORS (ESRP) TO THE FLEET, REDUCES THE NUMBER OF SYSTEM GENERATED TROUBLE REPORTS, ADDRESSES THE LATEST IAVA PATCHES AND INCORPORATES IMPROVED DIAGNOSTIC CAPABILITIES OF THE SYSTEMS WHICH FACILITATES QUICKER FAULT ISOLATION. POC: CHARLES "CHUCK" VINSON, 619-890-6033 OR 619-252-9617, CHARLES.VINSON@NAVY.MIL

Task/Abbreviation: K-49511-013- -SHIPALT LHD1-03264K - ACCOMP				MJC: CXSAK103		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 800,735	ManDays: 2714	Alt No: SALHD 03264 K		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49511-13) SHIPALT LHD1-03264K, SSEE INC-E UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03264K WHICH REPLACES EXISTING SSEE SYSTEMS WITHIN THE SHIP'S SIGNAL EXPLOITATION SPACE (SSES) WITH THE NEW AN/SSQ-137 SSEE-E SYSTEM WHICH INTEGRATES THE AN/USQ-146 RUBICON SYSTEM WITHIN SSEE-E SYSTEM AND PROVIDES FOR THE INSTALLATION OF TWO ANTENNA PLATFORMS/FOUNDATIONS. CONCURRENT OR PRIOR TO THIS ALTERATION, AN/SSQ-120 TRANSPORTABLE RADIO DIRECTION FINDING (TRDF) IS REQUIRED. THE INSTALLATION OF SSEE-E WILL REQUIRE MODIFICATIONS / REMOVALS OF THE EXISTING SSES SYSTEMS CURRENTLY ONBOARD. TRDF SYSTEM (AN/SSQ-120) WILL BE IMPACTED BY THIS INSTALLATION. EXISTING SSES HF, UHF, AND VHF ANTENNA SOURCES WILL BE REUSED AND A NEW HF ANTENNA WILL BE INSTALLED IN PLACE OF THE EXISTING DEDICATED SSES HF WHIP ANTENNA.

Task/Abbreviation: O-49511-014- -SWD JSIPS-N5.0 SYQ-23 - ACCOMP				MJC: EXSAO091		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:		Alt No: SWD 5.0 JSIPS	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49511-14) SWD 5.0, JSIPS SOFTWARE UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SWD 5.0 WHICH PROVIDES JSIPS-N 5.0 SOFTWARE WHICH IS COMPRISED OF SHIPBOARD JSIPS-N 4.0 BASELINE CONFIGURATION WITH UPGRADES TO THE PTW. THIS PROVIDES ACCELERATED STEREO WORKSTATION CAPABILITIES, AN SPF INTERFACE UPGRADE, SOURCE SELECTION ENHANCEMENTS AND INTEGRATION OF THE TPG INTO PTW.

Task/Abbreviation:		K-49511-015- -SHIPALT LHD1-00448K - ACCOMP		MJC:	CXSAK140	Rev Date:	5/31/2006				
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	1	Removal Required:					
Lvl of Maint:	1	Freq:	0	Equip/Task:	1	Matl Cost:	60,000	ManDays:	350	Alt No:	SALHD 00448 K
Referenced Authority:		Repair Pool:		MCC:		2					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49511-15) SHIPALT LHD1-00448K, SSEE INC-E UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00448K, SSEE INC-E UPGRADE, WHICH REPLACES 3 POTABLE WATER PUMPS WITH NEWER MODEL PUMPS THAT ARE MORE RELIABLE AND SUPPORTABLE. RECOMMENDED PUMPS ARE PACO TYPE LC MODEL 1070-7 OR EQUIVALENT.

Task/Abbreviation: O-49511-017- -SWD 72591 AN/SYQ-23 - ACCOMP			MJC: EXSAO188		Rev Date: 11/27/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 72591
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49511-17) SWD 72591 AN/SYQ-23, JSIPS-N 5.0.2, NOT ACCOMPLISHED	ACCOMPLISH SWD 72591 AN/SYQ-23, JSIPS-N 5.0.2 WHICH A SOFTWARE ONLY CHANGE TO JOINT SERVICE IMAGERY PROCESSING SYSTEM - NAVY (JSIPS-N) BASELINES. THIS CHANGE WILL UPGRADE CURRENT JSIPS-N SOFTWARE BASELINES TO VERSION 5.0.2. SPECIFICALLY, THIS CHANGE UPGRADES THE PRECISION TARGETING WORKSTATION (PTW), A SUBCOMPONENT OF JSIPS-N, TO SOFTWARE VERSION PTW 4.2.1.2. THIS CHANGE IS MANDATORY IN ORDER TO SOLVE PROBLEMS IN HANDLING SPECIFIC SENSOR DATA. FLAGGED AS AN EMERGENT, THIS CHANGE IS REQUIRED ASAP IN ORDER TO PROVIDE A SENSOR FIX TO SOFTWARE UPGRADES PLANNED FOR FY06 AND BEYOND. SCD 2590 WILL BE SUBMITTED TO SUPPORT THIS CHANGE FOR PLANNED CV AND CVN PLATFORMS. POC: JOE CROMWELL, 757-226-1149, JCROMWELL@DCGSN.ORG.

Task/Abbreviation: K-49511-018- -SHIPALT LHD1-70791K - ACCOMP			MJC: CXSAK227		Rev Date: 5/9/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: SALHD 70791 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49511-18) SHIPALT LHD1-70791K, DCGS-N VERSION 1.1, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-70791K WHICH REPLACES THE LEGACY JSIPS-N AND JFN SYSTEMS. DCGS-N IS BEING DEVELOPED USING THE DCGS INTEGRATION BACKBONE (DIB), COTS SOFTWARE AND TOOLS, AND MULTI-IMAGERY CAPABILITIES. DCGS-N WILL PROVIDE A SIGNIFICANT UPGRADE OVER CURRENT LEGACY SYSTEMS BECAUSE IT IS DESIGNED TO RECEIVE, PROCESS, EXPLOIT AND DISSEMINATE INTELLIGENCE SURVEILLANCE AND RECONNAISSANCE (ISR) INFORMATION. IT WILL ALSO BE INTEROPERABLE WITH SPACE BORNE, AIRBORNE AND SURFACE ISR COLLECTION ASSETS AND INTELLIGENCE PRODUCERS. SPECIFIC SECRET GENSER HARDWARE IS MULTI-FUNCTION WORK STATIONS (MFWS), (03) MULTI-INT SEGMENT RACKS, (01) PTW/IPL RACK, (01) DIB RACK, (01) PTW ACCELERATED STEREO CLIENT AND (03) PRINTERS. SPECIFIC SCCI LEVEL HARDWARE IS (NUMBER TBD) MFWS, (01) MULTI-INT SEGMENT RACK, (01) DIB RACK, (01) VIDEO RECORDER AND (01) PRINTER. ANTICIPATED INSTALL TIMEFRAME WOULD CONSIST OF 11 WEEKS. 3WKS LEGACY SYSTEM REMOVAL, 3 WKS HARDWARE INSTALL, 1 WK CHECK-OUT, 1 WK SOFTWARE INSTALL, 2 WEEKS SOVT AND 1 WEEK SECURITY ACCREDITATION. DCGS-N 1.1 SOFTWARE WILL CONSIST OF PTW VERSION 4.2.2, TES 8.0, DIB 1.0 AND IPL 4.5. POC: JOE CROMELL, 757-226-1149, JCROMWELL@DCGSN.ORG.

Task/Abbreviation: K-49511-020- -SHIPALT LHD1-75578K - ACCOMP			MJC: CXSAK413		Rev Date: 2/19/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 75578 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49511-20) SHIPALT LHD1-75578K, PEOC4I JSIPS-N AN/SYQ-23 HW, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-75578K HARDWARE UPGRADE PROVIDES THE NECESSARY COMPONENTS TO ACHIEVE THE NEWER PTW AND IPL BASELINES. FOR A NEW PTW SERVER RACK, FOLLOWING CHANGES WERE INCORPORATED; SUN E4500 SERVER WITH SUN V440, CIPRICO 7000 RAIDS WITH SUN 3510 RAID, NEW USB KVM SWITCH, ALCATEL OMNI SWITCH, RSP2150 AND 8 MM TAPE DRIVES ARE REMOVED. PTW PERIPHERAL RACK WITH BUILT IN ACCELERATED STEREO CLIENT CONSOLE WILL BE REMOVED AND, ONLY ACCELERATED STEREO CLIENT CONSOLE WILL BE INSTALLED WITH RUGGEDIZED MIL SPEC UPS. FOR A NEW IPL SERVER RACK, FOLLOWING CHANGES WERE INCORPORATED; SUN E4500 SERVER WITH SUN V490, CIPRICO 7000 RAIDS WITH SUN 3510 RAID, TAC-4 BULL NOSE AND Z-MICRO FLAT PANEL DISPLAY WITH NEW RACK MOUNTED KEYBOARD/MONITOR CONSOLE UNIT, ETI UPS/PDU WITH NEW UPS AND NEW PDU, NEW POWER CONVERTER IS INSTALLED TO SUPPORT 200-250 VAC, RSP2150 AND DAT TAPE DRIVES ARE REMOVED, UPGRADE MECHANICAL ISOLATORS AS REQUIRED. FOLLOWING SUPPORT COMPONENTS WILL BE REPLACED; HP 755 LARGE FORMAT PRINTER WITH HP 1050C, XY-LAN NETWORK SWITCH WITH CISCO ROUTER, KODAK COLOR PRINTER WILL BE REMOVED.

Task/Abbreviation: O-49511-021- -EC 75707 JSIPS-N - ACCOMP			MJC: CXSAO903		Rev Date: 2/26/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No: EC 75707
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49511-21) EC 75707 JSIPS-N 5.0.5 SW UP, JSIPS-N 5.0.5 SW EC04, NOT ACCOMPLISHED	ACCOMPLISH EC 75707 JSIPS-N 5.0.5 SW UP WHICH UPGRADES THE PRECISION TARGETING WORKSTATION (PTW) TO PTW 4.2.3.3, AND THE IMAGE PRODUCT LIBRARY (IPL) TO IPL 4.5.2, BOTH WHICH ARE PRIMARY SUBCOMPONENTS OF JSIPS-N. PTW 4.2.3.3 SOLVES PROBLEMS IN HANDLING A/B SENSOR DATA, AND FIXES IMPORT PROBLEMS WITH DIGITAL POSITION POINT DATA BASE (DPPDB) VOLUMES FROM THE NATIONAL GEOSPATIAL AGENCY (NGA). IPL 4.5.2 IS A NGA MANDATED SOFTWARE CHANGE THAT AFFECTS ALL OPERATIONAL JSIPS-N SITES. POC: JEFF COOK, 434-293-5798, JCOOK@DCGSN.ORG

Task/Abbreviation: O-49511-023- -EC 76820 JSIPS-N - ACCOMP				MJC: CXSAO957		Rev Date: 6/17/2008	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 10	Alt No: EC 76820		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49511-23) EC 76820 JSIPS-N 5.0.4 SW SYQ-23, JSIPS-N 5.0.4 SW SYQ-23 EC05, NOT ACCOMPLISHED	ACCOMPLISH EC 76820 JSIPS-N 5.0.4 SW SYQ-23 WHICH IS A SOFTWARE ONLY CHANGE TO JOINT SERVICE IMAGERY PROCESSING SYSTEM-NAVY (JSIPS-N) BASELINE. JSIPS-N 5.0.4 UPGRADE PROVIDES THE A/B SENSOR DATA CORRECTIONS AND DPPDB CORRECTIONS THROUGH PTW 4.2.3.3 AND IPL 4.5 BRINGS THE SYSTEM UP TO THE NGA MANDATED SOFTWARE LEVELS. THE PTW UPGRADE WILL ALSO PROVIDE THE SENSOR AND DPPDB MAINTENANCE FIXES TO SHIPS NOT RECEIVING JSIPS-N VERSIONS 5.0.2 AND 5.0.2.1. SPECIFICALLY, THE PTW 4.2.3.3 UPGRADE SOLVES PROBLEMS IN HANDLING SPECIFIC SENSOR DATA BY ALLOWING OPERATORS TO FULLY EXPLOIT AND PROCESS AVAILABLE CRITICAL DATA IN ORDER TO ENSURE ACCURATE TARGETING AND INTELLIGENCE ASSESSMENTS. ALSO, IT WAS IDENTIFIED BY NGA THAT MORE THAN 600 DPPDB STOCK NUMBERS FAIL TO IMPORT TO PTW 4.2.1 VERSIONS.. POC: JOE CROMWELL, 757-226-1149, JCROMWELL@DCGSN.ORG.

Task/Abbreviation: K-49511-025- -EC 76912 DCGS-N BLK1 SW-ACCOMP			MJC: EXSAO335		Rev Date: 6/24/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: 76912 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49511-25) EC 76912 DCGS-N BLK 1 SW EC 1, NOT ACCOMPLISHED.	AIT-ACCOMPLISH EC 76912 DISTRIBUTED COMMON GROUND SYSTEM-NAVY (DCGS-N) BLOCK 1 WHICH WILL REPLACE CURRENTLY FIELDIED JOINT SERVICE IMAGERY PROCESSING SYSTEM-NAVY (JSIPS-N) AND TACTICAL EXPLOITATION SYSTEMS-NAVY (TES-N) SYSTEMS. DCGS-N BLOCK 1 WILL PROVIDE JOINT AND COALITION FORCE COMMANDERS WITH INTELLIGENCE PRODUCTS TO SUPPORT CRITICAL TASKING. POC: MAIA GOODWELL, 858-537-8765, MAIA.GOODWELL@NAVY.MIL

Task/Abbreviation: K-49511-026- -SA76911K DCGS-N BLK1 HW-ACCOMP			MJC: EXSAK906		Rev Date: 6/29/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 50	Alt No: 76911 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49511-26) SHIPALT LCC19-76911K PEOC4I DCGS-N BLOCK 1 HW, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LCC19-76911K WHICH INSTALLS DISTRIBUTED COMMON GROUND SYSTEM-NAVY (DCGS-N) BLOCK 1 HARDWARE (HW). DCGS-N BLOCK 1 HARDWARE CONFIGURATION WILL CONSIST OF TWO GENSER AND ONE SENSITIVE COMPARTMENTED INFORMATION (SCI) RACK WITH GALE LITE, GCCS-I3, CGS, IPL, IESS, AND SDS COMPONENTS. HARDWARE CONFIGURATION ITEMS INCLUDE COMMON WORKSTATIONS, MAINTENANCE LAPTOPS, PRINTERS AND ONE PLOTTER. DCGS-N BLOCK 1 WILL UTILIZE JCA COMMS CURRENTLY SUPPORTING JSIPS-N. DCGS-N BLOCK 1 WILL REPLACE CURRENTLY FIELDDED JOINT SERVICE IMAGERY PROCESSING SYSTEM-NAVY (JSIPS-N) AND TACTICAL EXPLOITATION SYSTEMS-NAVY (TES-N) SYSTEMS, AND WILL PROVIDE JOINT AND COALITION FORCE COMMANDERS WITH INTELLIGENCE PRODUCTS TO SUPPORT CRITICAL TASKING. POC: MAIA GOODWELL, 858-537-8765, MAIA.GOODWELL@NAVY.MIL OR CONRADO CAJIGAS, 619-437-2704, CONRADO.CAJIGAS@NAVY.MIL.

Task/Abbreviation: O-49511-027- -EC 77626 - ACCOMP				MJC: CXSAOAI9		Rev Date: 4/11/2011	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 15	Alt No: EC 77626		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49511-27) SHIPALT EC 77626 CENTRIXS-M V1.1.4 SW INST, CENTRIXS-M V1.1.4 SW BLK II EC, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT EC 77626 WHICH IMPLEMENTS THE CENTRIXS-M SOFTWARE VERSION 1.1.4 ON THE AN/USQ-185(V)2 SYSTEMS. IT DOCUMENTS THE BASELINE SOFTWARE LOAD FOR THE BLK-II WITH ECO SYSTEM. THE SW LOAD IS AN UPDATE TO THE ORIGINAL BLK-II. THE NUMBER OF IAV AND OTHER PATCHES THAT MUST BE APPLIED TO THE EXISTING LOADS NOW EXCEEDS 100 UPDATES. AN UPDATE OF THE SOFTWARE IS REQUIRED TO BRING THE SYSTEM UP-TO-DATE. POC: ELIZABETH KNOX, 858.826.7194, KNOXET@SAIC.COM

Task/Abbreviation: K-49511-028- -SA LHD1-74880K CENTRIXS-ACCOMP			MJC: EXSAK966		Rev Date: 9/22/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 15	Alt No: SA LHD1-74880K
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49511-028) SA LHD1-74880K, PEOC4I CENTRIXS AN/USQ-185(V)2, NOT ACCOMPLISHED	ACCOMPLISH SA LHD1-74880K WHICH INSTALLS ONE GRADE B CENTRIXS BLOCK II SERVER RACK (DUAL CABINET), FOUNDATIONS AND SWAY BRACING, AND POWER AND DATA CABLING. CENTRIXS BLOCK II SERVER RACK CABINET NUMBER 1 WILL INCLUDED: TWO 4.0 KVA UPS, EACH W/DUAL BATTERY, FOUR CISCO 2691 ROUTERS (W/16 PORT 10/100 ETHERNET SWITCH MODULE), THIRTEEN GERMANE GS1360 QU SERVERS, FOUR GERMANE GS3400 3U SERVERS, TWO SUN SUNFIRE V240 SERVER, ONE 1U DUAL KVM ASSEMBLY AND ONE 2U WORKSTATION CENTER ASSEMBLY. CONNECT EACH ROUTER TO A TACLANE IN THE COMMUNICATIONS CENTER. OTHER RACK ITEMS ARE LISTED IN THE CHANGE MATERIAL/SOFTWARE LIST. CONNECT V240 SESSIONS SERVERS TO DESIGNATED VLAN OF ISNS SWITCHES. INSTALL UP TO THIRTY SUN SUNRAY 1G ULTRA THIN CLIENTS IN DESIGNATED SPACES. CONNECT EACH TO THE ISNS GENSER LAN VIA 100MBPS ETHERNET CABLES. THE LATEST COMMON PC OPERATING SYSTEM ENVIRONMENT (COMPOSE) SOFTWARE WILL ALSO BE INSTALLED. THE CENTRIXS BLOCK II NOMENCLATURE IS AN/USQ-185(V)2. POC: ROBERT BORKA, 202-781-1982, ROBERT.BORKA@NAVY.MIL.

Task/Abbreviation: K-49511-030- -SHIPALT 78673-K ACCOMPLISH			MJC: EXSAKA06		Rev Date: 6/29/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 30	Alt No: 78673K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASLINE	PEOC4I AN/USQ-185(V)2 CENTRIX NOT ACCOMPLISHED	AIT-THE CENTRIXS-M INCREMENT 1 DESIGN WILL PROVIDE SIMULTANEOUS ACCESS TO MULTIPLE ENCLAVES USING ULTRA THIN CLIENT (UTC) SYSTEM ARCHITECTURE TO REDUCE THE SPACE, WEIGHT, AND POWER (SWAP) FOOTPRINT ABOARD FORCE LEVEL PLATFORMS. THIS SCD HAS BEEN DEVELOPED TO PROVIDE A MULTI-LEVEL THIN CLIENT (MLTC) CAPABILITY TO FORCE LEVEL (FL) PLATFORMS SUPPORTING SIMULTANEOUS ACCESS TO FOUR CENTRIXS-M ENCLAVES PLUS SIPRNET. THIS UPGRADE WILL PROVIDE FOR 30 CLIENTS, EACH ABLE TO ACCESS FOUR CENTRIXS-M ENCLAVES PLUS SIPRNET. USER ACCESS WILL BE PROVIDED USING A SINGLE DISPLAY, KEYBOARD, AND MOUSE. PARM POC: CDR SHANNON SEAY, PEO C4I & SPACE, PMW-160, 619-524-7510, SHANNON.SEAY@NAVY.MIL TECHNICAL POC: TOM HEPNER, PEO C4I & SPACE, PMW-160, 619-553-3071

Task/Abbreviation: K-49511-031- -SHIPALT 79610-SWD ACCOMPLISH**MJC:** EXSAKA10**Rev Date:** 8/17/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:** 79610**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

SA 79610 ASM Web Server NOT ACCOMPLISHED

ASM WEB SERVER 3.1.3.0.0 IS A SOFTWARE ONLY INSTALLATION ON THE NAVAIR FLEET SYSTEM ARRAY (NFSA) SA 70388. THIS SOFTWARE WILL BE APPLIED TO HULLS ALREADY INSTALLED WITH NFSA AND ASM VERSION 3.0.2.0.0 OR 2.0.19D. WHERE THE NFSA IS ALREADY INSTALLED, ASM 3.1.3.0.0 WILL BE INSTALLED ON EXISTING HARDWARE WITHOUT EQUIPMENT UPGRADES. THE NFSA INSTALLATION WILL PROVIDE THE HARDWARE FOR NEW INSTALLATIONS OF ASM. SCD 9610 IS AN INTERNAL EQUIPMENT MODIFICATION THAT IS A TYPE OF CONFIGURATION CHANGE THAT PROVIDES NEW FUNCTIONALITY BUT HAS NO IMPACT ON SHIPS DISTRIBUTIVE SYSTEMS. ONCE APPROVED AND MATURE SCD 9610 WILL REPLACE THE FIELDING OF SCD 8875. THIS UPGRADE IS NEEDED ON AFLOAT UNITS TO MAINTAIN COMPATIBILITY BETWEEN SHORE AND AT SEA OPERATIONS. NFSA SA 70388 MUST BE INSTALLED PRIOR TO OR CONJUNCTIVE WITH ASM WEB SERVER SWD 3.1.3.0.0 APPLICATION INSTALLATION PROCEDURES AND SOVT COMPLETION TRAINING WILL BE PROVIDED AS PART OF THE MAIL-OUT DOCUMENTATION PACKAGE. PARM POC: LCDR KENNETH STEWART, NAVAIR, PMA-205F, 301-757-8086, KENNETH.I.STEWART@NAVY.MIL TPOC: YOLANDA ADAMS-SMITH, NUWC DIV KEYPORT, CODE 414, 360-315-7523, YOLANDA.ADAMS@NAVY.MIL

Task/Abbreviation: K-49511-032- -SHIPALT 80407-SWD ACCOMPLISH

MJC: EXSAKA11

Rev Date: 7/27/2011

RCM Analysis:

Scheduled: N

Sit Reqs:

Qty: 0

Removal Required:

Lvl of Maint: 3

Freq: 0

Equip/Task: 0

Matl Cost:

ManDays: 0

Alt No: 80407

Referenced Authority:

Repair Pool:

MCC: 3

Reason:

Problem Description:

Recommended Solution:

BASELINE

SA 80407-SWD NOT ACCOMPLISHED

THE DISTRIBUTED COMMON GROUND SYSTEM-NAVY (DCGS-N) IS THE COMMUNICATIONS MANAGEMENT SYSTEM ADOPTED BY SPACE AND NAVAL WARFARE (SPAWAR) SYSTEMS COMMAND PROGRAM DIRECTORATE PMW 120. DCGS-N PROVIDES THE NAVY'S PRIMARY INTELLIGENCE, SURVEILLANCE RECONNAISSANCE, AND TARGETING (ISR&T) SUPPORT CAPABILITY. THIS INSTALLATION INTRODUCES SOFTWARE BASELINE VERSION 1.0.2.0 TO ALL AN/SSQ-128(V) SYSTEMS EXCEPT EARLY ADOPTERS VARIANTS AND CANES. THIS SOFTWARE INSTALL WILL OCCUR AS A FORWARD FIT TO SHIPS THAT HAVE NOT YET RECEIVED THE DCGS-N BLOCK 1 (SCD 6912). FOR THESE SHIPS, THE SOFTWARE UPGRADE WILL BE IN CONJUNCTION WITH THE INSTALLATION OF SCD 6911 (PEOC4I DCGS-N BLK 1 HW). THIS INSTALLATION WILL CONSIST OF A 4 WEEK SOFTWARE INTEGRATION/SOVT PERIOD ON FORWARD FIT SHIPS AND A 2 WEEK SOFTWARE INTEGRATION/SOVT ON BACK FIT SHIPS. THE FOLLOWING SHIPS WILL RECEIVE THIS FORWARD FIT SOFTWARE UPGRADE: LCC-19, LHD-1, LHD-3, LHD-4, LHD-8, LHD-5. TECHNICAL POC: DAVID THORPE, SPACE AND NAVAL WARFARE SYSTEMS CENTER ATLANTIC - CHASN, CODE 56120, 843.218.6985. DAVID.THORPE@NAVY.MIL

Task/Abbreviation: K-49511-033- -EC 80634 ACCOMPLISH**MJC:** EXSAKA13**Rev Date:** 7/25/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:** 80634 SA**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

EC 80634 NOT ACCOMPLISHED

DISTRIBUTED COMMON GROUND SYSTEM-NAVY (DCGS-N) BLOCK 1 SYSTEMS PROVIDE JOINT AND COALITION FORCE COMMANDERS WITH INTELLIGENCE PRODUCTS TO SUPPORT CRITICAL TASKING. DCGS-N BLOCK 1 HARDWARE CONSISTS OF TWO SECRET GENSER AND ONE SENSITIVE COMPARTMENTED INFORMATION (SCI) RACK WITH GENERIC AREA LIMITATION ENVIRONMENT (GALE) LITE, GCCS-I3, COMMON GEO-POSITIONING SERVICES (CGS), IMAGE PRODUCT LIBRARY (IPL) AND SHARP DISPLAY SYSTEM (SDS) COMPONENTS. ADDITIONALLY, THIS SCD WILL INCLUDE THE SHUT DOWN OF THE SCI GCCS-M SYSTEM AND THE ADDITION OF TWO (2) DCGS-N WORKSTATIONS IN SESS (A REPLACEMENT TO EXISTING GCCS-M SCI WORK STATIONS, NO CHANGE TO FORM, FIT OR FUNCTION). **THE GCCS-M SCI RACKS WILL BE REMOVED AT A LATER DATE VIA SEPARATE SCD BY PMW 120. THIS SCD IS BEING ACCOMPLISHED IN CONJUNCTION WITH SCD 10654. **THESE IP ADDRESS CONFIGURATION CHANGES ARE EXPECTED TO TAKE 6 DAYS TO COMPLETE.

TECHNICAL POC: DAVID THORPE, SPACE AND NAVAL WARFARE SYSTEMS CENTER ATLANTIC - CHASN, CODE 56120, 843.218.6985. DAVID.THORPE@NAVY.MIL

Task/Abbreviation: K-49511-035- -SHIPALT LHD1-10254K - ACCOMP			MJC: CXSAK701		Rev Date: 9/12/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: 10254
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49511-35) SCD 10254 K- PEOC4I JSIPS-N NTM , NOT ACCOMPLISHED	ACCOMPLISH SCD 10254 K- PEOC4I JSIPS-N NTM EFFECTIVITY UPGR (AMPHIB) IS REQUIRED IN RESPONSE TO PLANNED CHANGES TO EXISTING SENSORS THAT PROVIDE IMAGERY AND PRODUCTS TO JSIPS-N AND WOULD ELIMINATE THE CAPABILITY OF JSIPS-N SYSTEMS TO RECEIVE AND/OR PROCESS CERTAIN IMAGERY AND PRODUCTS. TYCOM POC CAJIGAS,CONRADO, NAVAL SURFACE FORCE U S PACIFIC FLEET, NAVAL AMPHIBIOUS BASE, 619-437-2704, CONRADO.CAJIGAS@NAVY.MIL

Task/Abbreviation: A-49511-036- -SA 11107 ACCOMPLISH**MJC:** EXTYPAB10**Rev Date:** 10/3/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:** SA 11107**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

SA 11107 TW11 NFSA JKCS 5.0.1 UPGRADE NPC
NOT ACCOMPLISHED

THIS IS A SOFTWARE INSTALLATION ONLY. THE INTENT OF THE NAVAIR TECHNOLOGY TEST IS TO VALIDATE AND VERIFY THE JKCS 4.0 TO JKCS 5.0.1 SOFTWARE UPDATE. JKCS 5.0 WAS TESTED DURING TRIDENT WARRIOR 2010 (TW10) AND IS CURRENTLY IN MULTISERVICE DEPLOYMENT WITH NAVY AND ARMY AVIATION. IMPROVEMENTS IN THE 5.0.1 RELEASE ARE FILE PRIORITIZATION, DATA INTEGRITY, AUTOMATIC SWITCH OVER TO AN ALTERNATE TECHNICAL DATA SOURCE ON TECHNICAL DATA SOURCE FAILURES, AND TECHNICAL DATA SEARCH CAPABILITIES FOR SHIPBOARD USERS OF THE TECHNICAL DATA LIBRARY. THE 5.0.1 UPDATE DOES NOT REQUIRE ANY HARDWARE INSTALLATION. THE SOFTWARE WILL HAVE NO IMPACT ON THE NETWORK CONNECTIVITY ABOARD THE USS WASP. THE JKCS 5.0.1 FACTORY PERFORMANCE ACCEPTANCE WAS COMPLETED IN APRIL, 2011 WITH DEPLOYMENT TO THE PRIMARY JOINT TECHNICAL DATA INTEGRATION (JTDI) TOP-TIER SCHEDULED FOR MAY 2011. IF JKCS SOFTWARE VERSION 5.0.1 IS VALIDATED SHIPBOARD, IT WILL REMAIN INSTALLED ONBOARD USS WASP UNTIL THE APPROVAL OF THE PERMANENT LHD CLASS INSTALL SCD. HASEGAWA, WILLIAM NAVAL AIR SYSTEMS COMMAND HEADQUARTERS (AIR-01)3013428253
WILLIAM.HASEGAWA@NAVY.MIL

Task/Abbreviation: O-49531-017- -EC 4.10 AN/USQ-172(V) - ACCOMP				MJC: EXSAO077		Rev Date: 11/2/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 30		Alt No: EC 4.10 USQ172	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49531-17) EC 4.10 AN/USQ-172(V), GENSER 4.0 SOFTWARE, NOT ACCOMPLISHED	ACCOMPLISH EC 4.10 WHICH PROVIDES UPGRADED SOFTWARE SEGMENTS TO THE AN/USQ-172(V) GCCS-M SYSTEM. THESE CHANGES INCLUDE SEGMENT UPDATES REQUIRED TO RESOLVE FUNCTIONALITY ISSUES WITH WATER SPACE MANAGEMENT COP SYNC TOOLS, MEDAL, MULTI TADIL. CAPABILITIES AND OVERLAYS AS AUTHORIZED VIA THE ENGINEERING CHANGE PROPOSAL: ECP-USQ172-002R1.

Task/Abbreviation: K-49531-020- -SHIPALT LHD1-03241K - ACCOMP				MJC: CXSAK104		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 420,920		ManDays: 2245		Alt No: SALHD 03241 K	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49531-20) SHIPALT LHD1-03241K, GCCS-M GENSER 4.X (V)3, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03241K WHICH INSTALLS THE GCCS-M GENSER 4.X(V)3 SYSTEM.

Task/Abbreviation: K-49531-021- -SHIPALT LHD1-03243K - ACCOMP				MJC: CXSAK105		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:	
Lvl of Maint: 1		Freq: 0	Equip/Task: 1	Matl Cost: 392,293	ManDays: 2092	Alt No: SALHD 03243 K	
Referenced Authority:			Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49531-21) SHIPALT LHD1-03243K, GCCS-M SCI 4.X (V)3, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03243K WHICH REMOVES EXISTING GCCS-M HP UNIX SERVERS & HP UNIX WORKSTATIONS ON THE SCI NETWORK. INSTALL FOUR SOLARIS UNIX SERVERS, EACH PAIR WITH AN UNINTERUPTIBLE POWER SUPPLY. MAKE AN IRIG-B CONNECTION FROM NAVSSIS RTS RACKS TO EACH OF THE NTP SERVER DEVICES. REPLACE ALL EXISTING GCCS-M HP UNIX WORKSTATION COMPUTERS WITH WINDOWS 2000 PCS WITH FLAT PANEL MONITORS, KEYBOARDS AND POINTING DEVICES. INSTALL TWO GALE LITE UNIX WORKSTATIONS WITH FLAT PANEL MONITORS. INSTALL A LAN MULITPLEXER TO THE GENSER OL-530 RACK. CONNECT ALL SERVERS, AND CLIENT WORKSTATIONS. INSTALL GCCS-M 4.X SOFTWARE.

Task/Abbreviation: O-49531-030- -EC 71649 AN/USQ-172 - ACCOMP				MJC: CXSAO250		Rev Date: 5/31/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 30		Alt No: EC 71649EC4.2	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49531-30) EC 71649 AN/USQ-172, EC 4.20 (AN/USQ-172(V)), NOT ACCOMPLISHED	ACCOMPLISH EC 71649 AN/USQ-172 WHICH WILL INCORPORATE UPDATED SOFTWARE SEGMENTS TO SUPPORT THE AN/USQ-172(V) CONFIGURATION. POC: SANDRA BRYANT (843)218-5493, SANDRA.BRYANT@NAVY.MIL

Task/Abbreviation: O-49531-031- -SWD 70895 WEB SRV 2.0 - ACCOMP**MJC:** EXSAO152**Rev Date:** 6/2/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:** SWD 70895 WEB**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-49531-31) SWD 70895 - ASM WEB SERVER 2.0,
NOT ACCOMPLISHEDACCOMPLISH SWD 70895 - ASM WEB SERVER 2.0 WHICH AVIATION
MAINTENANCE TRAINING CONTINUUM SYSTEM (AMTCS) SOFTWARE
MODULE (ASM) WEB SERVER IS A SOFTWARE ONLY INSTALLATION
ON THE NAVAIR FLEET SERVER ARRAY (NFSA). THE ASM WEB
SERVER IS A WEB BASED APPLICATION THAT PROVIDES THE
NECESSARY INFRASTRUCTURE TO TRACK AND ADMINISTER
AVIATION MAINTENANCE PERSONNEL PROFICIENCY,
CERTIFICATION AND QUALIFICATIONS IN SUPPORT OF MISSION
READINESS. SWD APPLIES TO ASM SCD 894 AND NFSA SCD 388,
THIS SOFTWARE DELIVERY WILL REPLACE SHIPALT 9403 K. NFSA
(SCD 388 FOR LHA/DS) MUST BE INSTALLED PRIOR TO OR
CONCURRENTLY WITH ASM. POC: KEVIN GREEN, 301-757-8156,
KEVIN.GREEN@NAVY.MIL.

Task/Abbreviation: O-49531-044- -SWD 73079 WEB SRV 2.0 - ACCOMP			MJC: EXSAO187		Rev Date: 11/27/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 73079 0
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49531-44) SWD 73079 0 - ASM WEB SERVER SWD 2.0.19.01, NOT ACCOMPLISHED	ACCOMPLISH SWD 73079 0 - ASM WEB SERVER SWD 2.0.19.01 WHICH THE ASM WEB SERVER IS A WEB-BASED APPLICATION THAT PROVIDES THE NECESSARY INFRASTRUCTURE TO TRACK AND ADMINISTER AVIATION MAINTENANCE PERSONNEL PROFICIENCY, CERTIFICATION AND QUALIFICATIONS IN SUPPORT OF MISSION READINESS. THIS SOFTWARE ONLY INSTALL WILL BE LOCATED ON THE NAVAIR FLEET SYSTEM ARRAY (NFSA) SC 70388. ASM WEB SERVER SWD 2.0.19.01, (PATCH INCREMENT), SOFTWARE INSTALLATION REPLACES ASM WEB SERVER SWD 2.0 SC 70895. POC: KEVIN GREEN, 301-757-8156, KEVIN.GREEN@NAVY.MIL.

Task/Abbreviation: O-49531-046- -EC 72191 AN/USQ-172(V) -ACCOMP				MJC: EXSAO191		Rev Date: 12/12/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 30		Alt No: EC 72191	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49531-46) EC 72191 AN/USQ-172(V) 5.20, NOT ACCOMPLISHED	ACCOMPLISH EC 72191 AN/USQ-172(V) 5.20 WHICH THIS ECO PROVIDES INSTALLATION INSTRUCTIONS TO INCORPORATE UPDATED SOFTWARE SEGMENTS TO THE AN/USQ-172(V) SOFTWARE SYSTEM. POC: BILL CASASSA, 843-218-5177, WILLIAM.CASASSA@NAVY.MIL.

Task/Abbreviation: K-49531-047- -SHIPALT LHD1-00429K - ACCOMP			MJC: CXSAK220		Rev Date: 12/12/2006	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 392,293	ManDays: 2092	Alt No: SALHD 00429 K	
Referenced Authority:		Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49531-47) SHIPALT LHD1-00429K, GCCS-M SCI GENSER 4.X (V)3, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00429K WHICH IMPROVE FUNCTIONALITY, REFRESH TECHNOLOGY, CONSOLIDATE SPAWAR SERVER RESOURCES, AND INCREASE PERFORMANCE, AVAILABILITY, MAINTAINABILITY, AND SURVIVABILITY OF TACTICAL DATA PROCESSING SYSTEMS ON THE SHIPS GENSER NETWORK. THIS CHANGE ADVANCES COMPATIBILITY OF SPAWAR SERVER AND CLIENT HARDWARE AS WELL AS SOFTWARE OPERATING, APPLICATIONS SOFTWARE, AND THEREFORE REDUCES FUTURE MAINTENANCE AND UPGRADE COSTS. POC: DESIRES GOMWZ, 858-537-0259, DESIRES.GOMEZ@NAVY.MIL.

Task/Abbreviation: K-49531-048- -SHIPALT LHD1-00427K - ACCOMP				MJC: CXSAK221		Rev Date: 12/12/2006		
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1		Removal Required:	
Lvl of Maint: 1		Freq: 0	Equip/Task: 1	Matl Cost: 420,920	ManDays: 2245	Alt No: SALHD 00427 K		
Referenced Authority:			Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49531-48) SHIPALT LHD1-00427K, GCCS-M GENSER 4.X (V)3, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03241K WHICH IMPROVE FUNCTIONALITY, REFRESH TECHNOLOGY, CONSOLIDATE SPAWAR SERVER RESOURCES, AND INCREASE PERFORMANCE, AVAILABILITY, MAINTAINABILITY, AND SURVIVABILITY OF TACTICAL DATA PROCESSING SYSTEMS ON THE SHIPS GENSER NETWORK. THIS CHANGE ADVANCES COMPATIBILITY OF SPAWAR SERVER AND CLIENT HARDWARE AS WELL AS SOFTWARE OPERATING, APPLICATIONS SOFTWARE, AND THEREFORE REDUCES FUTURE MAINTENANCE AND UPGRADE COSTS. POC:

Task/Abbreviation: O-49531-049- -EC 72190 AN/USQ-172(V)- ACCOMP			MJC: EXSAO200		Rev Date: 1/30/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: EC 72190
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49531-49) EC 72190 AN/USQ-172(V), EC 4.20 (AN/USQ-172(V) , NOT ACCOMPLISHED	ACCOMPLISH EC 72190 AN/USQ-172(V) WHICH PROVIDES INSTALLATION INSTRUCTIONS TO INCORPORATE UPDATED SOFTWARE SEGMENTS TO SUPPORT THE AN/USQ-172(V) CONFIGURATION. POC, BILL CASASSA, 843*218-5177, WILLIAM.CASASSA@NAVY.MIL OR DESIREE GOMEZ, 858-537-0259, DESIREE.GOMEZ@NAVY.MIL

Task/Abbreviation: O-49531-050- -EC 73606 AN/USQ-152(V)- ACCOMP				MJC: EXSAO201		Rev Date: 1/30/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No: EC 73606	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49531-50) EC 73606 AN/USQ-152(V) TBMCS SW 2, NOT ACCOMPLISHED	ACCOMPLISH EC 73606 AN/USQ-152(V) TBMCS SW 2 WHICH THIS SCD INTRODUCES AN/USQ-152(V)1 ECO-013 INCR. 41, TBMCS 1.1.3 SW VER 2 WHICH PROVIDES INSTALLATION INSTRUCTIONS AND LOGISTIC INFORMATION PERTAINING TO INSTALLING MAINTENANCE SERVICE PACKS 5 (SUN HARDWARE UPGARDE) ,6 (MIDB 2.0 UPGRADE), 8 (UNIX AND W2K SOFTWARE PATCH UDPATES) AND 9 (ANTI-VIRUS UPDATES) REQUIRED FOR AN/USQ-152A(V)1. POC, STEVE KNOX, 843-537-0368, STEVE.KNOX.CTR.NAVY.MIL.

Task/Abbreviation: K-49531-051- -SHIPALT LHD1- 3245.2K - ACCOMP			MJC: EXSAO211		Rev Date: 4/25/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10,000	ManDays: 20	Alt No: SALHD 3245.2 K
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49531-51) SHIPALT LHD1- 3245.2K TBMCS 1.1.3 AN/USQ-152A(V)1, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1- 3245.2K TBMCS 1.1.3 AN/USQ-152A(V)1 WHICH THIS, TBMCS 1.1.3 SW VER 2 WHICH PROVIDES INSTALLATION INSTRUCTIONS AND LOGISTIC INFORMATION PERTAINING TO INSTALLING MAINTENANCE SERVICE PACKS 5 (SUN HARDWARE UPGARDE) ,6 (MIDB 2.0 UPGRADE), 8 (UNIX AND W2K SOFTWARE PATCH UDPATES) AND 9 (ANTI-VIRUS UPDATES) REQUIRED FOR AN/USQ-152A(V)1. POC, STEVE KNOX, 843-537-0368, STEVE.KNOX.CTR.NAVY.MIL.

Task/Abbreviation: K-49531-052- -SHIPALT LHD1 - 73342K - ACCOMP			MJC: EXSAK752		Rev Date: 5/18/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 73342 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49531-52) SHIPALT LHD1 - 73342K PEOC4I TBMCS (AN/USQ-152A) PC, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1 - 73342K PEOC4I TBMCS (AN/USQ-152A) PC WHICH THE CURRENT LEGACY HP-BASED HARDWARE CLIENTS CANNOT SUPPORT THE NEWER PROTOCOLS OF NETSCAPE 7.0 AND JAVA RUN TIME 1.4.1 WHICH ARE REQUIRED TO COMMUNICATE WITH THE JOINT AIR OPERATIONS CENTER OR A CSG/ESG OPERATING ON TBMCS V1.1.3 BY REMOTE WEB ACCESS. THIS ALTERATION PROVIDES HARDWARE REMOVAL OF (2) HP-712 CLIENTS, (2) RODEO DISPLAY MONITORS, (2) KEYBOARDS AND (2) TRACKBALLS ON THE GENSER ENCLAVE. REPLACE WITH (2) D610 LAPTOPS OR FOLLOW ON EQUIVALENT LAPTOPS. EACH LAPTOP OR FOLLOW ON EQUIVALENT WILL HAVE (2) REMOVABLE HARD DRIVES (1 FOR SECRET AND 1 FOR COWAN). THIS WILL ALLOW END USERS THE CAPABILITY TO CONNECT TO A CENTRIXS ENCLAVE IF APPLICABLE. INSTALL TBMCS 1.1.3 SOFTWARE (CTN 2299) ON NEW HARDWARE TO COMPLETE THE AN/USQ-152A SYSTEM UPGRADE IN CAPABILITIES. THE LOCATION OF THE (2) CLIENTS WILL BE AT THE SHIPS DISCRETION.

Task/Abbreviation: O-49531-059- -SWD 71659 0 - ACCOMP				MJC: CXSAO739		Rev Date: 7/18/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 30		Alt No: SWD 71659 0	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49531-59) SWD 71659 0, SOFTWARE FOR FLEET APP SERVER, NOT ACCOMPLISHED	ACCOMPLISH SWD 71659 0 WHICH PROVIDES SOFTWARE REQUIRED FOR THE FAS SERVER FOR INNOVATIVE READINESS REPORTING SYSTEM (IRRI) AND COLLABORATION AT SEA (CAS) TO OPERATE. POC: WILLIAM HILTABRAND, 757-836-6014, WILLIAM.HILTABRAND@NAVY.MIL OR DAWN ADAMS, 757-558-6721, DAWN.L.ADAMS@NAVY.MIL

Task/Abbreviation: O-49531-072- -SWD 75058 0 - ACCOMP			MJC: EXSAO234		Rev Date: 8/2/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SWD 75058 0
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	SWD 75058 0- AFLOAT READINESS REPORTING SYSTEM (LHA/LHD/LCC), (SCD 5058, NOT ACCOMPLISHED	ACCOMPLISH SWD 75058 0 AFLOAT READINESS REPORTING SYSTEM (LHA/LHD/LCC), (SCD 5058) WHICH THE DEFENSE READINESS REPORTING SYSTEM NAVY (DRRS-N) AND DISTANCE SUPPORT (DS) SYSTEMS WILL BE CONSOLIDATED AND INSTALLED UNDER THE NOMENCLATURE (AN/USQ-173) AND NAMED AFLOAT READINESS REPORTING SYSTEM / DISTANCE SUPPORT (ARRS/DS). EXISTING FLEET APPLICATION SERVER (FAS) HARDWARE, WERE PREVIOUSLY INSTALLED, WILL BE REMOVED AND REPLACED WITH ARRS/DS EQUIPMENT. THE ARRS/DS SYSTEM TO BE ADDED TO THE GENSER ENCLAVE CONSISTS OF A 72 ENVIRONMENTALLY CONDITIONED RACK CONTAINING: TWO DL 380 G4 SERVERS, ONE ML 370-G4 (DS) SERVER, ONE TIGERSHARK SERVER INTERFACE ASSEMBLY, TWO 2.4KVA UPS, AND TWO POWER DISTRIBUTION ASSEMBLIES. POC, ARTHUR MAHONY, 202-781-2274, ART.MAHONY@NAVY.MIL.

Task/Abbreviation: O-49531-073- -SWD 73194 0 - ACCOMP			MJC: XXSAO026		Rev Date: 4/30/2008	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: SWD 73194 0	
Referenced Authority:		Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49531-73) SWD 73194 0, MFOM2.0/MRAS READINESS SOFTWARE, NOT ACCOMPLISHED	ACCOMPLISH SWD 73194 0 (EQUIVALENT TO SCD 3194) WHICH INSTALLS THE MAINTENANCE FIGURE OF MERIT (MFOM2.0) AND THE MISSION READINESS ASSESSMENT SYSTEM (MRAS). MFOM2.0/MRAS IS REQUIRED TO FEED THE DEFENSE READINESS REPORTING SYSTEM - NAVY (DRRS-N). THE MFOM2.0/MRAS SHIPBOARD APPLICATION WILL BE LOADED ON THE SHIPBOARD FAS SERVER (CLASSIFIED) FOR THE PILOT ROLL-OUT OF THE SOFTWARE. LONG TERM IT WILL BE LOADED ON BOTH THE SHIPBOARD FAS (CLASSIFIED) AND SHIPBOARD NIAPS (UNCLAS) SERVER. POC: ALBERT GRILLS, (757)836-3372 ALBERT.GRILLS@NAVY.MIL, NIGEL THIJS, 215-897-1409, NIGEL.THIJS@NAVY.MIL OR TODD STOLTZFUS, 215-897-1409, TODD.STOLTZFUS@NAVY.MIL OR PETTER KRISTIANSEN, 202-781-3572, PETTER.KRISTIANSEN@NAVY.MIL OR NICHOLAS PERRUPATO, 215-897-1004, NICHOLAS PERRUPATO@NAVY.MIL

Task/Abbreviation: O-49531-076- -EC 76320 AN/USQ-152 - ACCOMP			MJC: CXSAO956		Rev Date: 6/17/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No: EC 76320
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49531-76) EC 76320 AN/USQ-152 EC TBMCS GEN SW, TBMCS GEN SW (EC13, EC17), NOT ACCOMPLISHED	ACCOMPLISH EC 76320 AN/USQ-152 EC TBMCS GEN SW WHICH INSTALLS MULTIPLE SERVICE PACKS (SP) WHICH INCLUDE THE FOLLOWING: AN/USQ-152A(V) EC 13 INCR 42 (ORIGINAL SOFTWARE ENHANCEMENTS), EC 13 INCR 43 (MIDB 2.0 UPDATES), EC 13 INCR 50 (CLIENT APPLICATION UPDATES), EC 13 INCR 60 (AIR MISSION ENHANCEMENTS), EC 13 INCR 61 (POLYARCH/TWO WAY REPLICATION ENHANCEMENTS), AND EC 17 INCR 00 (GRACEFUL SHUTDOWN). POC: STEVE KNOX, 843-537-0368, STEVE.KNOX.CTR.NAVY.MIL OR KATY CRAIG, 858-537-8875, KATY.CRAIG.CTR@NAVY.MIL

Task/Abbreviation: K-49531-081- -EC 77327 ISNS(V) EC77 - ACCOMP**MJC:** EXSAKA56**Rev Date:** 9/29/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 7**Alt No:** EC 77327**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-49531-81) EC 77327 ISNS (V)/ A(V) EC77 FOLLOW,
NOT ACCOMPLISHED. AIT CAPABLE

AIT INSTALLATION. ACCOMPLISH EC 77327 WHICH PROVIDES COMMERCIAL-OFF-THE SHELF (COTS) PCS (DESKTOP AND LAPTOP COMPUTERS) AND CLIENT SOFTWARE TO THE FLEET FOR BOTH UNCLAS AND SECRET ENCLAVES. THESE DELIVERIES REPLACE OUTDATED TECHNOLOGY, UPGRADE TO SUPPORT NEW SOFTWARE (I.E. COMPOSE 2.0.3), BRING ADDITIONAL PCS THAT WERE PREVIOUSLY UNAVAILABLE, OR AUGMENT A PREVIOUS PC INSTALLATION. THE PCS WILL BE INSTALLED WITH THE CURRENT OPERATING SYSTEMS ACCORDING TO SHIPS CURRENT LAN INSTALLATION (GOTS-D OR COMPOSE). THE QUANTITY OF PCS DELIVERED WILL BE DETERMINED BASED ON SHIPS ALLOTMENT (ONE FOR ONE REPLACEMENT) AVAILABILITY AND ANY PREVIOUS PARTIAL DELIVERIES, THIS IS AN EQUIPMENT SWAP, WITH NO HVAC NOR WEIGHT AND MOMENT IMPACT. INAPPLICABLE HULLS ARE COVERED UNDER SCD 1142 ISNS (USQ-153(V)&A(V)). POC: MARGARET SOLER, 858-537-8575, MARGARET.SOLER.CTR@NAVY.MIL OR JOSE MEDELLIN, 858-537-0556, JOSE.MEDELLIN@NAVY.MIL OR WILLIAM DELVALLE, 619-524-7882, WILLIAM.DELVALLE@NAVY.MIL

Task/Abbreviation: O-49531-087- -SWD 78208 ARRS - ACCOMP**MJC:** XXSAO029**Rev Date:** 4/26/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:** SWD 78208**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-49531-87) SWD 78208 ARRS, ARRS OS 1.0, NOT ACCOMPLISHED

ACCOMPLISH SWD 78208 ARRS WHICH, IN CONJUNCTION WITH COLLABORATION AT SEA (CAS), IDENTIFIES AND SUPPORTS THE OPERATING SYSTEM SOFTWARE REQUIREMENTS OF THE AFLOAT READINESS REPORTING SYSTEM (ARRS) READINESS REPORTING SERVER(S). THE ARRS SYSTEM IS A COMPOSITE OF THE FOLLOWING APPLICATIONS: INTEGRATED READINESS REPORTING INITIATIVE/DEFENSE READINESS REPORTING SYSTEM-NAVY (IRRI/DRRS-N), MISSION READINESS ASSESSMENT SYSTEM (MRAS), AND COLLABORATION AT SEA (CAS). PLATFORMS CURRENTLY EQUIPPED WITH FLEET APPLICATION SERVER (FAS), WILL BE RETROFITTED WITH NEW ARRS SERVERS AND THE ASSOCIATED APPLICATION ON THE SIPRNET/ISNS LAN. POC: DAWN ADAMS, 757-558-6721, DAWN.L.ADAMS@NAVY.MIL

Task/Abbreviation: K-49531-088- -SWD 78230 ARRS - ACCOMP**MJC:** XXSAO031**Rev Date:** 7/13/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:** SWD 78230**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-49531-88) SWD 78230 ARRS, CAS SUITE 2.0, NOT ACCOMPLISHED

ACCOMPLISH SWD 78230 ARRS WHICH IDENTIFIES THE UNIQUE SOFTWARE ELEMENTS OF THE COLLABORATION AT SEA (CAS) REPORTING APPLICATION. THIS SCD (8230) SERVES AS THE REPLACEMENT TO SCD 1659 BY AUTHORIZING THE REMAINING COMBATANTS IN THE FLEET AND IS ACCOMPANIED BY THE AFLOAT READINESS REPORTING SYSTEM (ARRS) OPERATING SYSTEM SCD 8208. THE COMPLETE ARRS SYSTEM IS A COMPOSITE OF THE FOLLOWING APPLICATIONS: COLLABORATION AT SEA (CAS), INTEGRATED READINESS REPORTING INITIATIVE/DEFENSE READINESS REPORTING SYSTEM-NAVY (IRRI/DRRS-N), AND MISSION READINESS ASSESSMENT SYSTEM (MRAS). PLATFORMS CURRENTLY EQUIPPED WITH A FLEET APPLICATION SERVER (FAS), WILL BE RETROFITTED WITH A NEW ARRS SERVER AND THE ASSOCIATED READINESS REPORTING APPLICATIONS ON THE ISNS/SIPRNET LAN. POC: DAWN ADAMS, 757-558-6721, DAWN.L.ADAMS@NAVY.MIL

Task/Abbreviation: K-49531-099- -SHIPALT LHD1-76111K - ACCOMP			MJC: CXSAK601		Rev Date: 12/20/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SA LHD1-76111K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49531-99) SHIPALT LHD1-76111K, ISNS LAN GIGE AN/USQ-153(V)10, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-76111K WHICH WHICH UPGRADES THE ISNS SERVER WITH NEWER UPGRADED SERVER, BACKBONE AND EDGE SWITCH RACK COMPONENTS. THE COMMON COMPUTING ENVIRONMENT SUPPORTS EARLY ADOPTER APPLICATION HOSTING ON THE ISNS LAN. THE LATEST ISNS OPERARTING SYSTEM SOFTWARE WILL BE INSTALLED CONCURRENTLY. THIS SCD IS BEING DEVELOPED TO SUPPORT ISNS LAN INSTALLATIONS FY09 AND BEYOND. POC: MARGARET SOLER, 858-537-8575, MARGARET.SOLER@NAVY.MIL OR ROBERT BORKA, 202-781-1982, ROBERT.BORKA@NAVY.MIL.

Task/Abbreviation: K-49531-112- -EC 78645 AN/USQ-152 - ACCOMP			MJC: EXSAKAC2		Rev Date: 9/29/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No: EC 78645
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49531-112) EC 78645 AN/USQ-152 TBMCS GEN SW (EC13, INC44), NOT ACCOMPLISHED	AIT-ACCOMPLISH EC 78645 AN/USQ-152 TBMCS GEN SW (EC13, INC44) WHICH 1. REMOVES GENERAL MILITARY INTELLIGENCE DATABASE (GMIDB) RULES AND CONSTRAINTS. 2. PROVIDES DATABASE ACCESS TO THE AIR AND SPACE OPERATIONS CENTER (AOC). 3. JOINT TACTICAL AIR REQUEST (JTAR) AND ASSAULT SUPPORT REQUEST (ASR) ENHANCEMENTS. POC: KATY CRAIG, 858-537-8875, KATY.CRAIG.CTR@NAVY.MIL

Task/Abbreviation: K-49531-113- -EC 79181 AN/USQ-152 - ACCOMP			MJC: EXSAKAC1		Rev Date: 9/28/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No: EC 79181
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49531-113) EC 79181 AN/USQ-152 EC TBMCS GEN SW (EC13.7), NOT ACCOMPLISHED	AIT-ACCOMPLISH EC 79181 AN/USQ-152 EC TBMCS GEN SW (EC13.7) WHICH 1. UPGRADES THE DOMAIN CONTROLLER, EXCHANGE SERVER, AND (IRIS) SERVER OPERATING SYSTEM. 2. ADDS AN ALTERNATE TARGET IMPORT SERVICE CAPABILITY. 3. UNIT LEVEL MISSION STATUS CHANGES FIXES. POC: STEVE KNOX, 843-537-0368, STEVE.KNOX.CTR.NAVY.MIL

Task/Abbreviation: K-49540-001- -SHIPALT 79290-K ACCOMPLISH**MJC:** EXSAKA07**Rev Date:** 5/3/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 40**Alt No:** 79290 K**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

PEOC4I SSEE INC E IO AUGMENT NOT
ACCOMPLISHED

INSTALLATION OF THE SPLITROCK ANTENNA SET (OE-578/USQ) AND INTERFACING BELOW DECKS EQUIPMENT FULFILLS THE REQUIREMENT FOR INFORMATION OPERATIONS (IO) CAPABILITY FOR THE SHIPS SIGNAL EXPLOITATION EQUIPMENT (SSEE) INCREMENT E INSTALLED WITHIN SHIPS SIGNAL EXPLOITATION SPACE (SSES). THE INSTALLATION ALIGNS LHD8 WITH PREVIOUS CONFIGURED SSEE INC E CAPABLE LHD'S (LHD1, LHD2, LHD4, LHD5, LHD6 AND THE PLANNED LHD3 AND LHD7). SPLITROCK IO ONBOARD ENHANCES THE STRIKE GROUP COMMANDERS ABILITY TO COUNTER THREATS AND RESPOND TO NATIONAL AND FLEET TASKING. THIS SCD ALSO INSTALLS THE AS4293A U/VHF ANTENNA ONBOARD LHD1 -7 AND THE LHA6 CLASS. THIS SCD IS REPLACING SCD 7352. PARM: SALVADOR LEDESMA, (619) 524-7864, SALVADOR.LEDESMA@NAVY.MIL, TECH POC: JIM REYBURN, (843) 218-5423, JIM.REYBURN@NAVY.MIL

Task/Abbreviation: I-49541-007- -SPINTCOM - MRC A2F3			MJC: CEXECIC50		Rev Date: 2/22/2011					
RCM Analysis: 1/3/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-49541-007)THE TACTICAL INTELLIGENCE REQUIRES ASSESSMENT.	ACCOMPLISH THE TACTICAL INTELLIGENCE ASSESSMENT IN ACCORDANCE WITH MRC A2F3 AS FOLLOWS: 1. PERFORM ASSESSMENT OF SHIP'S SIGNAL EXPLOITATION SPACE (SSES), SPINTCOM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-49541-016- -SHIPALT LHD1-00447K - ACCOMP				MJC: CEXECICQ8		Rev Date: 5/31/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 25,000		ManDays: 43		Alt No: SALHD 00447 K	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49541-16) SHIPALT LHD1-00447K - SCI NETWORKS AN/USQ-148D(V)2, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00447K - SCI NETWORKS AN/USQ-148D(V)2, WHICH PROVIDES CRYPTOLOGIC AND INTELLIGENCE SYSTEMS WITH PROTECTED AND RELIABLE DELIVERY OF DAT THROUGH A SECURE, CONTROLLABLE NETWORK INTERFACE WITH ADNS. THIS CHANGE WILL SUPPORT HORIZONTAL INTEGRATION AND INCLUDE TRANSITION TO 48 PORT ETHERNET SWITCHES AND COMPAQ DL380G2 (OR EQUIVALENT) SERVERS.

Task/Abbreviation: K-49541-018- -SHIPALT LHD1-03263K - ACCOMP			MJC: CXSAK185		Rev Date: 9/21/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 25,000	ManDays: 43	Alt No: SALHD 03263 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49541-18) SHIPALT LHD1-03263K - SCI NETWORKS AN/USQ-148D(V)2, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03263K - SCI NETWORKS AN/USQ-148D(V)2, WHICH PROVIDES CRYPTOLOGIC AND INTELLIGENCE SYSTEMS WITH PROTECTED AND RELIABLE DELIVERY OF DAT THROUGH A SECURE, CONTROLLABLE NETWORK INTERFACE WITH ADNS. THIS CHANGE WILL SUPPORT HORIZONTAL INTEGRATION AND INCLUDE TRANSITION TO 48 PORT ETHERNET SWITCHES AND COMPAQ DL380G2 (OR EQUIVALENT) SERVERS. POC: ERIC KAREH, 619-524-7901, ERIC.KAREH@NAVY.MIL.

Task/Abbreviation: O-49541-020- -EC 71122 AN/USQ-148D - ACCOMP			MJC: CXSAO507		Rev Date: 12/11/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: EC 71122 SCI
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49541-20) EC 71122 AN/USQ-148E(V)2 SW 3.1.2 - SCI USQ-148D S/W 3.1.2.0, NOT ACCOMPLISHED	ACCOMPLISH EC 71122 AN/USQ-148E(V)2 SW 3.1.2 WHICH SOFTWARE LOAD, IMPLEMENTS THE INITIAL COMPUTER, ROUTER, AND NETWORK SWITCH SOFTWARE FOR THE AN/USQ-148D(V)2 SYSTEM. THE PC SOFTWARE USES THE COMPOSE V2.0.3 SOFTWARE PACKAGE WHICH ENSURES COMMONALITY WITH INTEGRATED SHIPBOARD NETWORK SYSTEM (ISNS) SECRET AND UNCLASSIFIED COMPUTER NETWORKS THIS VERSION OF SOFTWARE WILL NOT BE INSTALLED ON CVN 65, CVN 68, CVN 69, CVN 70, CVN 71, CVN 72, CVN 75, AND CVN 77. THEREFORE, THIS CHANGE IS NOT APPLICABLE TO THESE HULLS. PER CVN-73 MODERNIZATION READINESS ASSESSMENT (MRA) DTD 8-07-06, SCD 1121 IS AUTHORIZED IN THE AWP, BUT CURRENT OVERALL ASSESSMENT IS RED. THIS ALTERATION IS LISTED AS A LATE ADD IN THE MRA. POC DAVID HAYASHI, 619-524-3732, DAVID.HAYASHI@NAVY.MIL; GRACE DUVALL 858-826-5476, GRACE.C.DUVALL@SAIC.COM

Task/Abbreviation: K-49541-027- -SHIPALT LHD1-71050K - ACCOMP			MJC: KXSAK068		Rev Date: 5/9/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 10	Alt No: SALHD 71050 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49541-27) SHIPALT LHD1-71050K, PEOC4I AS-2867B/SRR ANTENNA, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71050K WHICH THE URGENT NEED EXISTS TO PROVIDE EXTENDED FREQUENCY RANGE FOR CRYPTOLOGIC COLLECTION, & SUPPORT THE HOSTILE FORCES INTEGRATED TARGETING SYSTEM (HITS) CAPABILITY. THE CRYPTOLOGIC CARRY ON PROGRAM (CCOP)(HITS)IS DESIGNED TO PROVIDE GEOGRAPHIC LOCATION OF RF EMITTERS. THIS REQUEST FOR ALTERATION IS SUBMITTED TO INSTALL AN AS-2867B/SRR IN PLACE OF AS-2867/SRR PASSIVE TOPSIDE ANTENNA. PRECISION GEOLOCATION CAPABILITY WILL BE SIGNIFICANTLY REDUCED W/OUT SIGNAL SUPPORT REQUIRED FOR HITS. POC: KARI ATKINS, 858-537-8621, KARI.ATKINS@NAVY.MIL.

Task/Abbreviation: K-49541-029- -SHIPALT LHD1-72069K - ACCOMP			MJC: KXSAK074		Rev Date: 5/17/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 72069 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49541-29) SHIPALT LHD1-72069K, PEOC4I TW05 NETWORK EXPERIMENT, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-72069K WHICH THE TRIDENT WARRIOR 05 (TW05) NETWORK EXPERIMENT IS A NON-PERMANENT INSTALL (NPI) CONSISTING OF TEMPORARY SOFTWARE LOADED ON COMPUTER EQUIPMENT THAT WILL BE CARRIED ON BOARD OR SOFTWARE LOADED ON EXISTING PC WORKSTATIONS INTERFACING TO THE EXISTING CLASSIFIED SIPRNET AND CENTRIX NETWORKS. THE SCOPE OF THIS CHANGE WILL HAVE VERY MINIMAL SPACE, POWER AND INTEROPERABILITY IMPACTS TO THE TRIDENT WARRIOR SELECTED FORCE LEVEL PLATFORM: USS IWO JIMA (LHD-7). IN PREPARATION FOR THIS EXERCISE, ALL INTERIM AUTHORITY TO OPERATE (IATO) DOCUMENTS HAVE BEEN APPROVED WITH EXCEPTION TO COMBINE FORCE MARITIME COMPONENT COMMAND (CFMCC) MARITIME OPERATIONAL TOOL KIT. ESTIMATED APPROVAL FOR CFMCC IATO IS 31OCT05. THE NPI WILL BE REMOVED AFTER THE LATE NOV - EARLY DEC05 TWO WEEK TW05 EXERCISE AND ANY ORIGINAL SOFTWARE WILL BE RELOADED AND RESTORED BACK TO ORIGINAL CONFIGURATION.

Task/Abbreviation: O-49541-033- -EC 74590 SCI 148D/E - ACCOMP			MJC: CXSAO711		Rev Date: 4/11/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: EC74590
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49541-33) EC 74590 SCI 148D/E(V)2 V4.0.2.0 SW, SCI 148D/E(V)2 V4.0.2.0 SW , NOT ACCOMPLISHED	ACCOMPLISH EC 74590 SCI 148D/E(V)2 V4.0.2.0 SW WHICH WILL IMPLEMENT THE SCI NETWORKS SOFTWARE VERSION 4.0.2.0 ON THE AN/USQ-148D(V)2 AND AN/USQ-148E(V)2 SYSTEMS. POC: ERIC KAREH 619-524-7901, ERIC.KAREH@NAVY.MIL OR KIM SOMERA, 858-537-0277, KIMBERLY.SOMERA@NAVY.MIL OR JOHN KMET, 619-524-3540, JOHN.KMET@NAVY.MIL

Task/Abbreviation: D-49541-042- -SHIPALT LHD1-70187D - ACCOMP				MJC: DXSAD050		Rev Date: 8/4/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 10		ManDays: 522		Alt No: SALHD 70187 D	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-49541-42) SHIPALT LHD1-70187D, MOD OF LANDING FORCE C21 SPACE, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-70187D WHICH ADDRESSES THAT AUTOMATION AND SPACE ORGANIZATION OF LHD CLASS C2I SPACES (JIC, LFOC, SSES) IS A PRINCIPLE CONCERN TO THE MAGTF. RECENT OPERATIONAL EXPERIENCE HAS REINFORCED REQUIREMENT FOR SPACE RECONFIGURATION TO MEET THE TECHNOLOGY AND MANPOWER FOOTPRINT OF THE EMBARKED MAGTF STAFF. SPACE DESIGN MUST APPORTION SPACE BY SEAT.

Task/Abbreviation: K-49541-045- -SHIPALT 77511K ACCOMP			MJC: EXSAKAD1		Rev Date: 9/12/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 178	Alt No: SA 77511 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49541-45) SHIPALT 77511K , SCINET 148D MOD W ADNS INCÿIII, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT 77511K WHICH MODIFIES THE SENSITIVE COMPARTMENTED INFORMATION (SCI) NETWORKS AN/USQ-148D(V)2 UNIT 1 WORKSTATION RACK TO INTEGRATE AUTOMATED DIGITAL NETWORK SYSTEM (ADNS) INCREMENT III EQUIPMENT,& RELOCATE ROUTER AND BACKBONE SWITCHES FROM THE SERVER RACK IN SUPPORT OF FUTURE REQUIREMENTS. THIS IS A LOW COST OPTION TO FACILITATE INSTALLATION OF ADNS AN/USQ-144K(V)4. IT REMOVES THE PRINTERS INSTALLED IN THE SCI NETWORKS UNIT 1 WORKSTATION RACK. IT MOVES THE LAN ROUTER & BACKBONE SWITCHES FROM AN/USQ-148D(V)2 UNIT 2 SERVER RACK TO UNIT 1 WORKSTATION RACK; IT INSTALLS THE ROUTER, PACKET SHAPER, AND SERVERS THAT ARE REQUIRED BY ADNS AN/USQ-144K(V)4; IT ADDS THE NETWORK DESKTOP PRINTER FOR SI ENCLAVE & IT ADDS A LAPTOP COMPUTER & A PRINTER TO SUPPORT COMPARTMENTED ENCLAVE. SA 71491K MUST BE ACCOMMPLISHED PRIOR TO THIS ALTERATION. POC: DAVID HAYASHI (619) 524-7520, DAVID.HAYASHI@NAVY.MIL

Task/Abbreviation: A-49541-046- -AER LHD1-02400 ACCOMP				MJC: CXTYA047		Rev Date: 1/15/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost: 10		ManDays: 10		Alt No: TYLHD 02400	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-49541-46) AER LHD1-02400, MI3 PREGROOM, NOT ACCOMPLISHED	ACCOMPLISH AER LHD1-02400 WHICH IS AN M13 PREGROOM. IT PROVIDES ENHANCED INTELLIGENCE INTEROPERABILITY WHILE PERMITTING A LONG TERM FOCUS ON IMPROVEMENT TO COMMON OPERATING PICTURE. APPLIES TO LHD 2, 4 & 6 ONLY.

Task/Abbreviation: K-49541-047- -EC 77173 SSEE SSQ137 - ACCOMP			MJC: EXSAO557		Rev Date: 9/29/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 3	Alt No: 77173
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49541-47) EC 77173 SSEE INC E AN/SSQ-137(V) G, SSEE INC E SSQ-137 GPS/DPU/ENV, NOT ACCOMPLISHED	AIT-ACCOMPLISH EC 77173 WHICH SHIPS SIGNAL EXPLOITATION EQUIPMENT INCREMENT E (SSEE INC E) ENGINEERING CHANGE EE109-A5-ECO-004 REPLACES GLOBAL POSITIONING SYSTEM (GPS) MODULE IN UNIT 2A1 TO ADD REQUIRED SELECTIVE AVAILABILITY ANTI-SPOOFING MODULE (SAASM) CAPABILITY, INSTALLS 10-OHM ATTENUATORS TO REPLACE 20-OHM FOR CHANNEL 3 AND 4 OF MULTICHANNEL PREAMPLIFIER (4A5). THIS CHANGE ADDS 3 CHANNEL PROCESSOR CARDS TO DPU (1A7) FOR INCREASE IN SIGNAL PROCESSING CAPACITY. IT ALSO ADDS POWER CORD RETAINERS AND CHANGES WORKSTATION COMPUTER CABLES TO CORRECT PROBLEMS FOUND IN ENVIRONMENTAL TEST. NO WEIGHT OR POWER IMPACT. POC: MELODI GLANDON, 619-524-3617, MELODI.GLANDON@NAVY.MIL OR JOHN HOLM, 858-537-8969, JOHN.HOLM@NAVY.MIL.

Task/Abbreviation: K-49541-048- -EC 77226 SSEE SSQ137 - ACCOMP				MJC: EXSAKA66	Rev Date: 9/29/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 1	Alt No: 77226
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49541-48) EC 77226 SSEE INC E SSQ-137 SRV UPG EC , NOT ACCOMPLISHED	AIT-ACCOMPLISH SSEE INC E SSQ-137 SRV UPG EC WHICH INSTALLS TWO 300 GB HARD DRIVES IN EACH OF THE NETRA 240 SERVERS, REPLACING THE 73 OR 146 HARD DRIVES. THE INCREASED HARD DRIVE CAPACITY IS REQUIRED IN THE CUB AND LIGHTHOUSE SERVERS FOR OPERATION OF CRYPTOLOGIC UNIFIED BUILD (CUB) VERSION 3.9 AND LATER SOFTWARE. POC: MELODI GLANDON, 619-524-3617, MELODI.GLANDON@NAVY.MIL

Task/Abbreviation: K-49541-052- -EC 77257 SSEE INC E - ACCOMP			MJC: EXSAKA93		Rev Date: 9/29/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 1	Alt No: 77257 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49541-52) EC 77257 SSEE INC E AN/SSQ-137(V), SSEE INC E SSQ-137 RFDU BCKFT, NOT ACCOMPLISHED	AIT-ACCOMPLISH EC 77257 SSEE INC E AN/SSQ-137(V) WHICH INSTALLS AN UPGRADED RFD UNIT THAT PROVIDES AUTOMATED MITIGATION TO HIGH POWER INTERFERERS AND IMPROVES SYSTEM PERFORMANCE. HARDWARE CHANGES INCLUDE RFD SYSTEM, 9102 RECEIVERS, UPS UNITS, AND RACK PANEL CONNECTORS TO ACHIEVE PRODUCTION LOT 3 SIMILARITY AND CUB 3.9 SOFTWARE COMPATIBILITY. POC: MELODI GLANDON, 619-524-3617, MELODI.GLANDON@NAVY.MIL OR JOHN HOLM, 858-537-8969, JOHN.HOLM@NAVY.MIL.

Task/Abbreviation: K-49541-053- -EC 77258 SSEE INC E - ACCOMP			MJC: EXSAKA94		Rev Date: 9/29/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 20	Alt No: 77258 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49541-53) EC 77258 SSEE INC E SSQ-137(V) 4.X, SSEE INC E SSQ-137 4.X BCKFT, NOT ACCOMPLISHED	AIT-ACCOMPLISH EC 77258 SSEE INC E SSQ-137(V) 4.X WHICH REMOVES OBSOLETE HARDWARE INSTALLED IN LRIP AND PRODUCTION LOT 1 AND LOT 2 AN/SSQ-137(V) SSEE INCREMENT E SYSTEMS. CURRENT PRODUCTION UNITS WILL REPLACE THOSE AND THE SYSTEMS WILL THEN SHARE A COMMON HARDWARE CONFIGURATION ALLOWING COMMON SOFTWARE AND TRAINING TO BE UTILIZED TO ACHIEVE OPTIMUM OPERATIONAL CAPABILITY. POC: MELODI GLANDON, 619-524-3617, MELODI.GLANDON@NAVY.MIL

Task/Abbreviation: K-49541-055- -SHIPALT 78803K - ACCOMP			MJC: EXSAKAD2		Rev Date: 9/6/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 4	Alt No: SA 78803 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49541-55) SHIPALT DDG51-78803K, SSEE INC E RFDU CABLING, NOT ACCOMPLISHED	AIT-ACCOMPLISH SHIPALT DDG51-78803K WHICH INSTALLS RACK TO RACK RADIO FREQUENCY (RF) AND CONTROL CABLES REQUIRED FOR IMPLEMENTATION OF THE AN/SSQ-137(V) RADIO FREQUENCY DISTRIBUTION (RFD) UPGRADE. SCDS 7257, RFDU BACKFIT, 6589 HITS SERVER, 7173 GPS/DPU/ENVIRO UPGRADES, 7226 SERVER HD UPGRADE, AND SCD 7258 4.X BACKFIT ARE CONJUNCTIVE WITH THIS SCD. POC: JOHN HOLM, 858-537-8969, JOHN.HOLM@NAVY.MIL

Task/Abbreviation: K-49541-073- -SWD 78945 SSEE SSQ137 - ACCOMP			MJC: EXSAKA68		Rev Date: 9/6/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 0		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49541-73) SWD 78945 SSEE INC E SOFTWARE, SSEE INC E SOFTWARE BASELINE, NOT ACCOMPLISHED	AIT. ACCOMPLISH SWD 78945 WHICH INSTALLS SHIPS SIGNAL EXPLOITATION EQUIPMENT (SSEE) INC E SOFTWARE VERSION 4.0.0.0 AND 4.0.1.0 SERIES UPGRADES TO A DII COE 4.X RELEASE WHICH ALLOWS SSEE TO INTEGRATE WITH OTHER SCI-LAN SYSTEMS SUCH AS GCCS-M AND DCGS-N AND ELIMINATES STORAGE AND HANDLING OF DUPLICATIVE DATA, PROVIDES FOR CENTRALIZED WORKSTATION MANAGEMENT (TO INCLUDE ICVA DISTRIBUTION) UTILIZING THE DOMAIN CONTROLLER FIELDIED BY SCI NETWORKS. IT ALSO PROVIDES SECURITY LOCKDOWNS TO NETWORK SWITCHES. POC: CHARLES SCHUMAN, 619-524-7366, CHARLES.SCHUMAN2@NAVY.MIL.

Task/Abbreviation: K-49541-078- -SHIPALT LHD1-78435K-ACCOMP**MJC:** EXSAKA05**Rev Date:** 6/29/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 0 **Matl Cost:** **ManDays:** 14 **Alt No:** 78435K**Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:**

BASELINE

Problem Description:PEOC4I SSEE INC E AN/SSQ-137V NOT
ACCOMPLISHED**Recommended Solution:**

SHIPS SIGNAL EXPLOITATION EQUIPMENT (SSEE) INCREMENT E PROVIDES MOBILE PASSIVE CAPABILITY TO DETECT, CLASSIFY AND TRACK ENEMY UNITS AND PROVIDE FOR FUSION ANALYSIS AND INTELLIGENCE GATHERING EFFORTS. THIS ALTERATION IS NECESSARY TO PROVIDE INTER-RACK CONNECTIVITY FOR UPGRADED COMPONENTS BEING INSTALLED IN ALL PRODUCTION LOTS OF THE SYSTEM. OBSOLETE SYSTEM SERVERS WILL BE REPLACED WITH AN IBM BLADECENTER S SERVER ASSEMBLY. CHANGE PROVIDES A BLADECENTER S CHASSIS AND SERVER BLADES. INSTALLATION OF HOSTILE FORCES INTEGRATED TARGETING SERVICE (HITS) HARDWARE WILL PROVIDE PRECISION GEOLOCATION OF DETECTED SIGNALS. AN IMPROVED OE-578/USQ ANTENNA ROTATOR WILL REPLACE THE EXISTING UNIT TO IMPROVE RELIABILITY. SYSTEM 4.X SYSTEM SOFTWARE WILL BE INSTALLED TO PROVIDE SI NETWORK COMPATIBILITY. THE NEW EQUIPMENT WILL SIGNIFICANTLY INCREASE MISSION CAPABILITY. THIS SCD SUPERSEDES, SCD 7226 SERVER HD UPGRADE, AND SCD 7258 OBSOLETE HARDWARE BACKFIT. PARM: SALVADOR LEDESMA, SSC-SD, PMW 120, SALVADOR.LEDESMA@NAVY.MIL, (619) 534-7864. TECH POC: BARRY CONNALLY, SSC-SD, CODE 56110, BARRY.CONNALLY@NAVY.MIL, (619) 553-10

Task/Abbreviation: K-49541-079- -SHIPALT EC 80387 ACCOMPLISH			MJC: EXSAKA12		Rev Date: 5/3/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: 80387
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	CENTRIX-M HW/SW UPGRADE NOT ACCOMPLISHED	THIS SCD HAS BEEN DEVELOPED TO SUPPORT A BLOCK II SYSTEM INSTALLATION AND BATTLE FORCE TACTICAL NETWORK (BFTN). THIS INSTALLATION DELIVERS THE CRYSTAL ENCLAVE SERVER AS A SUITABLE REPLACEMENT FOR THE PREVIOUSLY FIELDIED SERVERS THAT ARE NOW END OF LIFE (EOL) AS WELL AS NEW UPDATED CENTRIXS SW VERSION. AFTER THE SOFTWARE BASELINE WAS ESTABLISHED FOR SCD7282, SECURITY, PROGRAMMATIC, AND REQUIREMENTS EVENTS HAVE DRIVEN CHANGES TO THE SOFTWARE. PARM POC: CDR SHANNON SEAY, 619-524-7510; SHANNON.SEAY@NAVY.MIL TECHNICAL POC: TOM HEPNER, 619-553-3071; TOM.HEPNER@NAVY.MIL

Task/Abbreviation: I-49571-001- -GCCS-M - MRC A1J3**MJC:** CEXECIC15**Rev Date:** 7/7/2011**RCM Analysis:** 12/4/2006**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-49571-001)THE GLOBAL COMMAND AND CONTROL SYSTEM - MARINE (GCCS-M) REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE GLOBAL COMMAND AND CONTROL SYSTEM - MARINE (GCCS-M) ASSESSMENT IN ACCORDANCE WITH MRC A1J3 AS FOLLOWS: 1. PERFORM OPERATIONAL TEST. 2. TEST INTEGRATED SERVICES DIGITAL SYSTEM (ISDS). 3. TEST COMMS PROCESSOR (CP) SHIFT CAPABILITY. 4. TEST COMMON OPERATING PICTURE (COP) OF SYNCHRONIZATION TOOLS FOR COMBAT SYSTEM TEST (CST). 5. TEST NET PRECEDENCE (NETPREC) FUNCTIONALITY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-49571-002- -SHIPALT LHD1-71705K - ACCOMP			MJC: CEXECICR4		Rev Date: 6/2/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 71705 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49571-2) SHIPALT LHD1-71705K - RADIANT MERCURY, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71705K - RADIANT MERCURY WHICH INSTALLS RADIANT MERCURY (RM) HARDWARE AND SOFTWARE SUITE IN CONJUNCTION WITH GLOBAL COMMAND AND CONTROL SYSTEM - MARINE (GCCS-M) VERSION 4.X, OR MOST CURRENT FLEET RELEASE. RM IS AN AUTOMATED SYSTEM FOR SANITIZATION AND GUARDING OF NAVY FORMATTED MESSAGES TO FACILITATE TRANSMISSION OF APPROPRIATE DATA FROM HIGHTER TO LOWER CLASSIFIED SYSTEMS. RM SUPPORTS THE EMBARKED COMMANDER'S STAFF AND SHIP'S FORCE IN PERFORMING THEIR ASSIGNED TASKS.

Task/Abbreviation: K-49571-013- -EC 78693 RADIANT MERCURY-ACCOM**MJC:** EXSAO336**Rev Date:** 9/28/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 10**Alt No:** EC78693**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-49571-13) EC 78693 RADIANT MERCURY (EC01),
NOT ACCOMPLISHED.AIT ACCOMPLISH EC 78693 RADIANT MERCURY (EC01) WHICH
INSTALLS FOUR-PORT NETWORK INTERFACE CARDS (NIC) INSIDE
THE EXISTING PCI CHASSIS OF RM SUNBLADE 2500 SERVER
PLATFORM. NEW SOFTWARE WILL BE LOADED ON THE RM SYSTEM
(SW VERSION 4.5.2) TO IMPROVE DATA HANDLING/THROUGHPUT
CAPABILITY. THIS SHIP CHANGE WILL ALLOW RADIANT MERCURY TO
BE CONNECTED TO BOTH THE ISNS (SIPRNET) AND SCI LANS
PROVIDING A CROSS DOMAIN SOLUTION (CDS) TO USERS ON THE
NETWORKS (AIS, GCCS-M, AND DCGS-N). POC: MARGARET SOLER,
858-537-8575, MARGARET.SOLER@NAVY.MIL.

Task/Abbreviation: K-4A020-004- -SCD 10657K MFOM SRVR - ACCOM				MJC: EXSAKA16		Rev Date: 5/5/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 0			

Reason:	Problem Description:	Recommended Solution:
BASELINE	SCD 10657K MFOM APPLICATION SERVER NOT ACCOMPLISHED	INSTALLATION OF THE AFLOAT TOOLBOX FOR MAINTENANCE ON THE FAS-AU LAPTOP SERVER WILL ALLOW SHIP'S FORCE TO USE THE NEW MAINTENANCE APPLICATIONS AND USE THE MFOM SUITE OF TOOLS MORE ACCURATELY THAN CURRENT MAINTENANCE SYSTEMS WILL ALLOW. THIS INSTALLATION ALSO ALLOWS SHUTDOWN OF OMMS-NG. THE SERVER WILL CONNECT TO THE IT21 ISNS UNCLASSIFIED LAN. WHEN THE SHIP'S NIAPS SERVER IS UPGRADED TO THE VERSION THAT CONTAINS THE MFOM ATM SUITE, THIS LAPTOP SERVER WILL BE REMOVED FROM THE SHIP.

Task/Abbreviation: K-4A020-005- -SCD 10513 ACCOMPLISH**MJC:** EXSAKA18**Rev Date:** 5/12/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:** 10513**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

SCD 10513 COMMON PATCHING ARCHITECTURE
NOT ACCOMPLISHED

FOR USS MAKIN ISLAND, SOFTWARE WILL BE INSTALLED ON THE EXISTING GENSER INM PRO WORKSTATION. FOLLOWING THE DEMONSTRATION, THE WSUS SOFTWARE WILL BE REMOVED, AND THE LAN RETURNED TO THE ORIGINAL CONFIGURATION. SHIP PERSONNEL WILL OPERATE/VALIDATE THE NPC SOFTWARE SOLUTION DURING THE DEMONSTRATION. THE PMW 160 SSA WILL PROVIDE TECHNICAL SUPPORT; HOWEVER, SHIP PERSONNEL ARE EXPECTED TO FOLLOW INSTRUCTIONS PROVIDED. CONTINGENCY PLANS ARE IN PLACE AND DOCUMENTED FOR NEGATIVE IMPACTS TO THE LAN.

THIS SCD ADDRESSES UPDATES TO EXISTING INSTALLATIONS OF COMPOSE LEGACY (3.0.0, 3.0.1, 3.5.0) AS AN OPERATING ENVIRONMENT-SPONSORED APPLICATION, FIELDIED WITH ISNS INSTALLATIONS, AND IS BEING IMPLEMENTED UNDER THE FOLLOWING CMPRO ENGINEERING CHANGE REQUESTS:
COMPOSE 3.0.X: ECR-OE-00111 / ECR-ISNS-00204
COMPOSE 3.5.0: ECR-OE-00140 / ECR-OE-00203
PARM CONTACT: NIKOLAS SIMON - ISNS APM - 858-537-0425 - NIKOLAS.A.SIMON@NAVY.MIL
TECH CONTACT: CDR CEDRIC WILCOX - OE APM - 619-524-7577 - ALPHONSO.WILCOX@NAVY.MIL

Task/Abbreviation: I-4A021-A01- -AN/USQ153() ASSESS - MRC A2X7			MJC: OXECI079		Rev Date: 7/15/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-4A021-A01)AN/USQ-153 INTEGRATED SHIPBOARD NETWORK SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH ASSESSMENT OF THE AN/USQ-153 INTEGRATED SHIPBOARD NETWORK SYSTEM IN ACCORDANCE WITH MRC A2X7 AS FOLLOWS: 1. PERFORM ISNS LAN ASSESSMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. NOTE 1. ASSESSMENT TO BE PERFORMED BY ISEA SPAWARSYSCEN SAN DIEGO CODE 4131 PHONE (619)524-3718 ISNS SUBJECT MATTER EXPERT (SME) WHEN FUNDING IS PROVIDED. ANCHOR HELP DESK (877)418-6824 EMAIL ANCHORDESK@NAVY.MIL.

Task/Abbreviation: K-4A031-001- -EC-79110**MJC:** EXSAK999**Rev Date:** 9/29/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:** SA 79110**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

EC-79110 NOT ACCOMPLISHED

AIT ACCOMPLISH THE EXISTING 160GB HARD DRIVE IN THE COTS DISPLAY SERVER COMPUTER OF THE AN/UYQ-102(V)1 IS REPLACED WITH A 2TB HARD DRIVE. NO OTHER MODIFICATION OF THE COTS COMPUTER IS REQUIRED TO ACCOMMODATE THE 2TB HARD DRIVE. NO SOFTWARE CHANGE IS REQUIRED TO SUPPORT THE 2TB HARD DRIVE. THERE ARE NO REQUIRED PRIOR OR CONJUNCTIVE CHANGES, HOWEVER, IT IS DESIRED THAT THE NEW HARD DRIVE BE INSTALLED IN CONJUNCTION WITH THE SOFTWARE UPGRADE OF SCD 8526 AS THIS IS MOST COST EFFECTIVE.

PARM POC IS CAPT. SCOTT PRATT, PEO IWS6 SN1;
EVERETT.PRATT@NAVY.MIL, (202) 781-5063.
TECHNICAL POC IS THOMAS COKER, PEO IWS6 ENG13;
THOMAS.COKER@NAVY.MIL, (202) 781-0503.

Task/Abbreviation: R-50810-001- -LAG MCHRY SP - RMV/RPR/INST			MJC: EXSYR303		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: X	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: X	Matl Cost: 3,375	ManDays: 75	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-50810-001)SPACE REQUIRES LAGGING	ACCOMPLISH THE FOLLOWING FOR THERMAL INSULATION ON PIPING AND MACHINERY, INCLUDING REMOVABLE PADS, WITHIN THE MACHINERY SPACES. REMOVAL AND INSTALLATION OF INSULATION AND LAGGING ARE TO BE IN ACCORDANCE WITH RELATED ASBESTOS REMOVAL CONTROL PROCEDURES AND NAVSEA STANDARD ITEM 009-11. SHIPS FORCE TO PROVIDE LAGGING PRIORITY LIST TO THE NAVAL SUPERVISING ACTIVITY. A. REMOVE EXISTING AND INSTALL NEW INSULATION AND LAGGING B. REPAIR DAMAGED OR DETERIORATED INSULATION AND LAGGING C. REPLACE MISSING INSULATION AND LAGGING WITH NEW

Task/Abbreviation: R-50810-002- -LAG NONMCHRY SP - RMV/RPR/INST			MJC: EXSYR157		Rev Date: 6/9/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: X	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: X	Matl Cost: 3,375	ManDays: 75	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-50810-002)SPACE REQUIRES LAGGING	ACCOMPLISH THE FOLLOWING FOR THERMAL INSULATION ON PIPING AND MACHINERY, INCLUDING REMOVABLE PADS, OUTSIDE OF THE MACHINERY SPACES. REMOVAL AND INSTALLATION OF INSULATION AND LAGGING ARE TO BE IN ACCORDANCE WITH RELATED ASBESTOS REMOVAL CONTROL PROCEDURES AND NAVSEA STANDARD ITEM 009-11. SHIPS FORCE TO PROVIDE LAGGING PRIORITY LIST TO THE NAVAL SUPERVISING ACTIVITY. A. REMOVE EXISTING AND INSTALL NEW INSULATION AND LAGGING B. REPAIR DAMAGED OR DETERIORATED INSULATION AND LAGGING C. REPLACE MISSING INSULATION AND LAGGING WITH NEW.

Task/Abbreviation: Q-51111-009- -ELEC HEATER - RPR			MJC: EXECQEB5		Rev Date: 3/18/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51111-009)ELECTRIC HEATER, PRE-HEATER OR RE-HEATER REQUIRES REPAIR	REPAIR ELECTRIC HEATER (PRE-HEATER, OR RE-HEATER) LOCATED IN _____. REMOVE INSULATION IN WAY OF REPAIRS. REMOVE, REPAIR , AND REINSTALL HEATER. REPLACE REMOVED INSULATION. OPERATIONALLY TEST HEATER. REPORT CONDITIONS FOUND TO SHIPS CSMP.

Task/Abbreviation: A-51210-007- -AER LHD1-04396 - ACCOMP				MJC: EXTYA249		Rev Date: 9/7/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 364		ManDays: 415		Alt No: TYLHD 04396	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-51210-7) TYCOM AUTHORIZED ALTERATION	ACCOMPLISH AER LHD1-04396E "GLASS REINFORCED PLASTIC (GRP) VENTILATION SCREENING" WHICH REPLACES ALL VENTILATION SUPPLY AND EXHAUST SCREENS GREATER THAN NINE INCHES IN DIAMETER WITH SCREENS FABRICATED FROM GLASS REINFORCED PLASTIC (GRP).

Task/Abbreviation: I-51211-001- -VENT SYS NONMCHRY SPACES- INSP			MJC: EXECICK1		Rev Date: 3/19/2008
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required: NO
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 100	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51211-001)THE VENTILATION SYSTEMS OUTSIDE THE MACHINERY SPACES REQUIRES INSPECTION	INSPECT FOR CLEANLINESS AND INTEGRITY ALL SUPPLY AND EXHAUST VENTILATION SYSTEMS OUTSIDE THE MACHINERY SPACES AND ACCOMPLISH A VOLUMETRIC OUTPUT TEST. INSPECTION TO INCLUDE DUCTWORK, FLEXIBLE CONNECTORS, RESILIENT MOUNTS, VENT SCREENS AND DRAINS. REPORT CONDITIONS FOUND TO CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-51211-044- -SHIPALT LHD1-03087K - ACCOMP			MJC: EXSAK017		Rev Date: 9/7/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 999,999	ManDays: 10826	Alt No: SALHD 03087 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-51211-44) SHIPALT LHD1-03087K, COLLECT PROT SYS BACK-FIT INST, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03087K WHICH PROVIDES COLLECTIVE PROTECTION SYSTEMS (CPS) TO PROTECT DESIGNATED AREAS TO INCLUDE: 1) 04 LEVEL, RADAR RM AND ELECTRONICS EQUIPMENT RM, FRAMES 67-76 03 LEVEL, 2) 03 LEVEL, FLIGHT BATTLE DRESSING STATION, CASUALTY COLLECTING/ASSEMBLY AREA & GSE STOWAGE, DECON STATION, WR/WC AND MEDEVAC ELEVATOR, FRAMES 73-83, 3) 02 LEVEL, COMBAT INFORMATION CENTER, TACTICAL AIR COORDINATION CENTER, AND TACTICAL LOGISTICS HELO SUPPORT CENTER, FRAMES 65-78, 4) 01 LEVEL, ALL MEDICAL AND ASSOCIATED SPACES FRAMES 49-65, AND 5) 01 LEVEL, ALL MEDICAL AND ASSOCIATED SPACES FRAMES 65-83.

Task/Abbreviation: I-51211-087- -VENT SYS - MRC G1Z2			MJC: EXECIEM5		Rev Date: 6/7/2011
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51211-087)THE VENTILATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE VENTILATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC G1Z2 AS FOLLOWS: 1. INSPECT VENTILATION SUPPLY, EXHAUST AND RECIRC DUCTING, AND PLENUM INTERIOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51211-089- -VENT SYS - MRC G1Z3			MJC: EXECIEM8		Rev Date: 6/7/2011					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51211-089)THE VENTILATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE VENTILATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC G1Z3 AS FOLLOWS: 1. CONDUCT INSPECTION OF THE SUPPLY, EXHAUST AND RECIRC SYSTEM INTERIOR VENTILATION DUCTING. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51211-091- -CPS SYS - MRC A2C5			MJC: EXECIG07		Rev Date: 3/31/2010
RCM Analysis: 7/24/2006	Scheduled: Y	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 0		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51211-091) THE COLLECTIVE PROTECTION SYSTEM (CPS) REQUIRES ASSESSMENT.	ACCOMPLISH THE COLLECTIVE PROTECTION SYSTEM (CPS) ASSESSMENT IN ACCORDANCE WITH MRC A2C5 AS FOLLOWS: 1. RECORD CPS ZONE DATA. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51211-119- -AERO LK TST CPS FLTR-PERF A5E3			MJC: EXECIIL9		Rev Date: 3/31/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	CPS FILTERS REQUIRE AEROSOL LEAK TEST PER PMS MRC A5E3.	PERFORM A SHIPBOARD AEROSOL LEAK TEST OF THE CBR FILTERS OF THE CPS SYSTEM PER PMS MRC A5E3.

Task/Abbreviation: Q-51211-128- -VENT CLEANING - PERFORM			MJC: EXECQEC0		Rev Date: 3/18/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,000	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51211-128)VENTILATION SYSTEM REQUIRES CLEANING	CLEAN THE DESIGNATED VENTILATION SYSTEM. CLEANING METHOD IS TO BE DETERMINED BY THE PERFORMING ACTIVITY. REPORT CONDITIONS FOUND TO THE SHIPS CSMP.

Task/Abbreviation: Q-51211-129- -VENT DUCT SECT - REPL			MJC: EXECQEC1		Rev Date: 3/18/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 8,000	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51211-129)VENTILATION DUCT SECTION REQUIRES REPLACEMENT	REPLACE THE DESIGNATED VENTILATION DUCT SECTION IN _____. REMOVE INSULATION IN WAY OF REPAIRS. REPLACE INSULATION UPON COMPLETION. PERFORM AN OPERATIONAL TEST ON THE REPLACED SECTION.

Task/Abbreviation: I-51311-001- -MCHRY VENT SYS - INSP			MJC: EXECI165		Rev Date: 6/6/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51311-001)THE VENTILATION SYSTEMS INSIDE THE MACHINERY SPACES REQUIRES INSPECTION	INSPECT FOR CLEANLINESS AND INTEGRITY ALL SUPPLY AND EXHAUST VENTILATION SYSTEMS IN MACHINERY SPACES. INSPECTION TO INCLUDE DUCTWORK, FLEXIBLE CONNECTORS, RESILIENT MOUNTS, VENT SCREENS AND DRAINS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-51311-032- -VENT DUCT SECTION - REPL				MJC: EXECQED4		Rev Date: 3/18/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 0			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-51311-032) VENTILATION DUCT SECTION REQUIRES REPLACEMENT				REPLACE THE DESIGNATED VENTILATION DUCT SECTION IN _____. REMOVE INSULATION IN WAY OF REPAIRS. REPLACE INSULATION UPON COMPLETION. PERFORM AN OPERATIONAL TEST ON THE REPLACED SECTION.					

Task/Abbreviation: I-51411-001- -CHW CLG SYS - INSP**MJC:** EXECICK2**Rev Date:** 4/24/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:** NO**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-51411-001)THE CHILLED WATER COOLING
DISTRIBUTION SYSTEM REQUIRES INSPECTIONINSPECT AND OPERATIONALLY TEST THE CHILLED WATER COOLING
DISTRIBUTION SYSTEM. ACCOMPLISH AN ELECTRICAL SIGNATURE
ANALYSIS (ESA) SURVEY. TEST, ADJUST AND SET THE OPERATION
OF ALL CONTROLS, INCLUDING SOLENOIDS, CUT-OUT SWITCHES
AND THERMOSTATS. ACCOMPLISH MINOR REPAIRS TO CONTROLS,
PIPING AND VALVES. REPORT CONDITIONS FOUND TO SHIP'S CSMP.
SHIP'S FORCE WILL PROVIDE REQUIRED REFRIGERANT AND
SPARES. NOTES: 1. TO INCLUDE VISUAL INSPECTION OF RESILIENT
MOUNTS ON CHILLED WATER PUMPS, IF INSTALLED. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: Q-51411-004- -CHW PMP (CC) - RPR**MJC:** EXECQ502**Rev Date:** 6/3/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10,000**ManDays:** 125**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-51411-004)PUMP REQUIRES REPAIR

REMOVE THE PUMP UNIT (CLOSE-COUPLED) TO THE SHOP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51411-036- -CHW PMP MOT-RWND			MJC: EXECJC96		Rev Date: 3/9/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,740	ManDays: 38	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51411-036)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE CHILLED WATER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51411-037- -CHW PMP MOT - RPR				MJC: EXECJC97		Rev Date: 3/9/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 5		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 420		ManDays: 25		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51411-037)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE CHILLED WATER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51411-038- -CHW PMP MOT BRG-REPL			MJC: EXECJC98		Rev Date: 2/26/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 210	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51411-038) ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE CHILLED WATER SYSTEM PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: 1. CONDUCT REPAIRS IN ACCORDANCE WITH RELEVANT NAVAL VESSEL RULES (NVR). 2. ABS SURVEYOR ATTENDANCE IS REQUIRED FOR RELEVANT ASSESSMENT AND RECOMMENDATIONS AS PER NV RULES PART 9 CH 6. CONTACT NAVALSURVEYDEPT@EAGLE.ORG

Task/Abbreviation: Q-51411-040- -CHW PMP (CPLD) WEAR RINGS-REPL**MJC:** EXECJDB1**Rev Date:** 2/26/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,125**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-51411-040)PUMP WEARING RING REQUIRES REPLACEMENT

REMOVE THE PUMP (COUPLED) SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC. NOTE: 1. CONDUCT REPAIRS IN ACCORDANCE WITH RELEVANT NAVAL VESSEL RULES (NVR). 2. ABS SURVEYOR ATTENDANCE IS REQUIRED FOR RELEVANT ASSESSMENT AND RECOMMENDATIONS AS PER NV RULES PART 9 CH 6. CONTACT NAVALSURVEYDEPT@EAGLE.ORG

Task/Abbreviation: Q-51411-041- -CHW PMP (CPLD) RT ASSY - RPR**MJC:** EXECJDB2**Rev Date:** 2/26/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,125**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-51411-041)PUMP ROTATING ASSEMBLY
REQUIRES REPAIR

REMOVE THE PUMP (COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC. NOTE: 1. CONDUCT REPAIRS IN ACCORDANCE WITH RELEVANT NAVAL VESSEL RULES (NVR). 2. ABS SURVEYOR ATTENDANCE IS REQUIRED FOR RELEVANT ASSESSMENT AND RECOMMENDATIONS AS PER NV RULES PART 9 CH 6. CONTACT NAVALSURVEYDEPT@EAGLE.ORG

Task/Abbreviation: Q-51411-042- -CHW PMP (CC) MECH SEAL - REPL		MJC: EXECJDB3	Rev Date: 6/3/2009		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 3	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51411-042)PUMP SEAL REQUIRES REPLACEMENT	REPLACE, IN-PLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: 1. CONDUCT REPAIRS IN ACCORDANCE WITH RELEVANT NAVAL VESSEL RULES (NVR). 2. ABS SURVEYOR ATTENDANCE IS REQUIRED FOR RELEVANT ASSESSMENT AND RECOMMENDATIONS AS PER NV RULES PART 9 CH 6. CONTACT NAVALSURVEYDEPT@EAGLE.ORG

Task/Abbreviation: Q-51411-043- -CHW PMP (CC) WEAR RINGS-REPL**MJC:** EXECJDB4**Rev Date:** 6/3/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,125**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-51411-043)PUMP WEARING RING REQUIRES REPLACEMENT

REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING IN PLACE. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC. NOTE: 1. CONDUCT REPAIRS IN ACCORDANCE WITH RELEVANT NAVAL VESSEL RULES (NVR). 2. ABS SURVEYOR ATTENDANCE IS REQUIRED FOR RELEVANT ASSESSMENT AND RECOMMENDATIONS AS PER NV RULES PART 9 CH 6. CONTACT NAVALSURVEYDEPT@EAGLE.ORG

Task/Abbreviation: Q-51411-044- -CHW PMP (CC) RT ASSY - RPR**MJC:** EXECJDB5**Rev Date:** 6/3/2009**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,125**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:(Q-51411-044)PUMP ROTATING ASSEMBLY
REQUIRES REPAIR**Recommended Solution:**

REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC. NOTE: 1. CONDUCT REPAIRS IN ACCORDANCE WITH RELEVANT NAVAL VESSEL RULES (NVR). 2. ABS SURVEYOR ATTENDANCE IS REQUIRED FOR RELEVANT ASSESSMENT AND RECOMMENDATIONS AS PER NV RULES PART 9 CH 6. CONTACT NAVALSURVEYDEPT@EAGLE.ORG

Task/Abbreviation: I-51411-047- -CHW PMPS VIB TST - MRC G1P1			MJC: EXECIGF8		Rev Date: 5/6/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51411-047)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-51411-053- -MACHALT 74665 - ACCOMP			MJC: EXSAO297		Rev Date: 5/18/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: MA 74665
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-51411-53) MACHALT 74665, AC CHILL WTR PUMP MAG COUPLING, NOT ACCOMPLISHED	ACCOMPLISH MACHALT 74665 WHICH REPLACES THE CURRENTLY INSTALLED FLEXIBLE COUPLING WITH A MAGNETIC COUPLING. MOST PUMPS IN THE NAVY USE GREASE LUBRICATED FLEXIBLE COUPLING THAT REQUIRES MANDATORY QUARTERLY MAINTENANCE AND ANNUALLY USES 3 LBS GREASE. THIS TYPE OF COUPLING HAS A LOW TOLERANCE FOR MISALIGNMENT THAT CAUSES EXCESSIVE WEAR ON BOTH THE COUPLING AND PUMP SEALS. INSTALLATION OF A MAGNETIC COUPLING ELIMINATES QUARTERLY PMS REQUIREMENTS AND THE EXCESSIVE WEAR ON THE PUMPS SEALS DUE TO ITS HIGHER TOLERANCE FOR MISALIGNMENT. THE PROJECTED LIFE SPAN OF A MAGNETIC COUPLING IS 25 YEARS. POC: THOMAS BENNETT, 215 599 7001, ROCKIE.BENNETT@NGC.COM

Task/Abbreviation: K-51420-009- -SHIPALT LHD1-00080K - ACCOMP				MJC: EXSAK223		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required: NO			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 36,000		ManDays: 1963		Alt No: SALHD 00080 K	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-51420-9) NAVSEA AUTHORIZED SHIPALT	ACCOMPLISH SHIPALT LHD1-80K "MOD A/C PLANTS TO NON CFC OP" WHICH IS TO REDUCE POLLUTION BY THE LOSS OF CFC'S TO THE ATMOSPHERE BY THE AIR CONDITIONING PLANTS.

Task/Abbreviation: O-51420-026- -MACHALT 559 - ACCOMP			MJC: EXSAO028		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: MA 559
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-51420-26) MACHALT 559, REPLACE REFRIG LEAK MONTIOR, NOT ACCOMPLISHED	ACCOMPLISH MACHALT 559 WHICH IMPROVES THE ABILITY TO DETECT LEAKS AT SHIPBOARD AIR CONDITIONING AND REFRIGERATION SYSTEMS THAT CONTAIN SIGNIFICANT AMOUNTS OF OF REFRIGERANT CHARGE. THIS MACHALT REPLACES FOXBORO MIRAN HOLOCARBON MONITORS WITH MORE RELIABLE EIGHT CHANNEL MONITORS AND INSTALLS MONITORS AT ADDITIONAL LOCATIONS.

Task/Abbreviation: K-51420-031- -SHIPALT LHD1-03003K - ACCOMP			MJC: EXTYA828		Rev Date: 5/3/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 301,440	ManDays: 2771	Alt No: SALHD 03003 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-51420-31) SHIPALT LHD1-03003K, CHNG R114 A/C PLANTS TO HFC-236FA, NOT ACCOMPLISH.	ACCOMPLISH SHIPALT LHD1-003003K, WHICH PROVIDES MODIFICATIONS TO CONVERT THE CFC-114 CHILLED WATER A/C PLANTS FOR OPERATION WITH HFC-236FA, AN ENVIRONMENTALLY ACCEPTABLE REFRIGERANT. THIS ALT REMOVES THE EXISTING CFC-114 COMPRESSORS, ELECTRONIC CONTROL SYSTEMS AND CHILLED WATER VENTURI FLOW METERS; RECOVERS CFC-114 AND MINERAL OIL; INSTALLS NEW HFC-236FA COMPRESSORS WITH VARIABLE GEOMETRY DIFFUSERS, MICROPROCESSOR-BASED CONTROL SYSTEMS, AND CHILLED WATER TARGET FLOW METERS, MODIFIED CONDENSER WATER CONTROL VALVES, REFRIGERANT OVERBOARD RELIEF VALVES AND CHARGES EACH A/C PLANT WITH HFC-236FA REFRIGERANT AND POLYOL ESTER (POE) OIL.

Task/Abbreviation: K-51420-032- -SHIPALT LHD1-03003.1K - ACCOMP			MJC: EXSAK630		Rev Date: 6/22/2006	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 301,440	ManDays: 2771	Alt No: SALHD 03003.1K	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-51420-32) SHIPALT LHD1-0080K 01, FORWARD PLANTS (A/C PLANTS #1 AND #2), NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-0080K 01 WHICH INSTALLS A REMOVABLE SPOOL PIECE BEHIND THE FIRST SET OF CHILLED WATER RISER CUTOUT VALVES TO INSTALL A TEMPORARY BLIND FLANGE THAT WILL PROVIDE A SECOND MEANS OF ISOLATION FROM THE A/C PLANTS THAT ARE NOT BEING WORKED.

Task/Abbreviation:		K-51420-033- -SHIPALT LHD1-03003.2K - ACCOMP		MJC: EXSAK631		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost: 301,440		ManDays: 2771		Alt No: SALHD 03003.2K	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-51420-33) SHIPALT LHD1-3003.2K, AMIDSHIPS PLANTS (A/C PLANTS #3 AND #4), NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-3003.2K WHICH MODIFIES R114 A/C PLANTS TO HFC-236FA FOR AMIDSHIPS PLANTS (A/C PLANTS #3 AND #4)

Task/Abbreviation: K-51420-034- -SHIPALT LHD1-00080K 01- ACCOMP			MJC: EXSAK662		Rev Date: 1/30/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 36,000	ManDays: 1963	Alt No: SALHD 00080 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-51420-34) SHIPALT LHD1-00080K 01, FORWARD PLANTS (A/C PLANTS #1 AND #2), NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00080K 01 WHICH INSTALLS A REMOVABLE SPOOL PIECE BEHIND THE FIRST SET OF CHILLED WATER RISER CUTOUT VALVES TO INSTALL A TEMPORARY BLIND FLANGE THAT WILL PROVIDE A SECOND MEANS OF ISOLATION FROM THE A/C PLANTS THAT ARE NOT BEING WORKED.

Task/Abbreviation: K-51420-035- -SHIPALT LHD1-00248K 00- ACCOMP			MJC: EXSAK709		Rev Date: 1/12/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 525,000	ManDays: 8750	Alt No: SALHD 00248 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-51420-35) SHIPALT LHD1-00248K 00, INSTALL AIR CONDITIONING PLANT, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00248K 00 WHICH THIS ALTERATION INSTALLS A SIXTH 300 TON AIR CONDITIONING PLANT ON LHD 1. THE 300 TON AIR CONDITIONING PLANT WILL BE NON-OZONE DEPLETING, AND WILL BE PROVIDED WITH A MICROPROCESSOR BASED CONTROL SYSTEM. POC, NEIL ANTIN, 202-781-3609, NEIL.ANTIN@NAVY.MIL.

Task/Abbreviation:		K-51420-036- -SHIPALT LHD1-00080K 03- ACCOMP		MJC:	EXSAK716	Rev Date:	1/30/2007				
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	1	Removal Required:					
Lvl of Maint:	1	Freq:	0	Equip/Task:	1	Matl Cost:	36,000	ManDays:	1963	Alt No:	SALHD 00080 K
Referenced Authority:		Repair Pool:		MCC:		2					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-51420-36) SHIPALT LHD1-00080K 03 - AFT PLANTS (A/C PLANTS #5 AND #6), NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00080K 03 WHICH INSTALLS A REMOVABLE SPOOL PIECE BEHIND THE FIRST SET OF CHILLED WATER RISER CUTOUT VALVES TO INSTALL A TEMPORARY BLIND FLANGE THAT WILL PROVIDE A SECOND MEANS OF ISOLATION FROM THE A/C PLANTS THAT ARE NOT BEING WORKED. POC,GREGORY TOMS, 202-781-3653, GREGORY.TOMS@NAVY.MIL.

Task/Abbreviation: K-51420-037- -SHIPALT LHD1-00080.2K - ACCOMP			MJC: EXSAK719		Rev Date: 7/27/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: SA 00080.2K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	SA LHD1-00080.2K , AMIDSHIPS PLANTS (A/C PLANTS #3 AND #4), NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00080.2K WHICH MODIFIES R114 A/C PLANTS TO HFC-236FA FOR AMIDSHIPS PLANTS (A/C PLANTS #3 AND #4).

Task/Abbreviation: D-51420-047- -SHIPALT LHD1-74115D - ACCOMP			MJC: EXSAK836		Rev Date: 2/20/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 74115 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-51420-47) SHIPALT LHD1-74115D, A/C SALT WATER PMP REPLACEMENT, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-74115D WHICH REPLACES THE EXISTING CARVER AUXILIARY SALT WATER CIRCULATING PUMPS WHICH ARE APPROACHING THE END OF THEIR SERVICE LIFE AND ARE EXPERIENCING REPEATED PROBLEMS. THE REPLACEMENT PUMP IS A CHESTERTON FRAME M SIZE, 6 X 8 OR EQUAL, CASING AND IMPELLER ARE MADE OF CD4MCU MATERIAL WITH A 100 HP MARINE DUTY MOTOR AND 12.75 INCH DIAMETER IMPELLER.

Task/Abbreviation: Q-51421-002- -A/C PLT CNTFGL COMPR - RPR**MJC:** EXECQA85**Rev Date:** 3/31/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 2,250**ManDays:** 50**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-51421-002)COMPRESSOR REQUIRES REPAIR

DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING REPAIRS. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF GEARS, IMPELLERS AND SHAFTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO COMPRESSOR. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE AND GRIND SHAFT JOURNALS. B. REPAIR OR REPLACE DIFFUSER PLATE, GEARS, IMPELLERS, NOZZLE PLATE, PUMP ASSEMBLY (LUBE OIL), ROTOR SCROLL AND SUPPORT, SHAFTS, SHAFT SEALS, THRUST COLLAR, VANE ASSEMBLY (PRE-ROTATION) AND UNLOADER ASSEMBLY. C. REPLACE COUPLING. D. REPAIR HEAT EXCHANGERS. NOTE: USE SWT 514-21 FOR GUIDANCE.

Task/Abbreviation: Q-51421-005- -A/C SW CIRC PMP (CPLD) - RPR**MJC:** EXECQ891**Rev Date:** 6/14/2006**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 2,250**ManDays:** 50**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-51421-005)PUMP REQUIRES REPAIR

DISCONNECT THE PUMP COUPLING AND REMOVE THE PUMP TO THE SHOP. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT A VIBRATION TEST. P. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-51421-007- -A/C COND - INSP/RPR**MJC:** EXECQ730**Rev Date:** 2/26/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:** NO**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 900**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-51421-007)CONDENSER REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE CONDENSER OF THE AIR CONDITIONING PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS & AS DESIGNATED. HYDRO SHELL & TUBE SIDES & REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECT. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPLACE MISSING/UNSERVICEABLE FASTENERS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. ACCOMPLISH STRUCTURAL REPAIRS TO SHELL. I. ACCOMPLISH STRUCTURAL REPAIRS TO HEADS. J. REPLACE HEADS. K. CHEMICALLY CLEAN CONDENSER. L. MECHANICALLY CLEAN CONDENSER. M. REPLACE TUBE BUNDLE

Task/Abbreviation: Q-51421-008- -A/C CHILLER - INSP/RPR			MJC: EXECQ740		Rev Date: 2/26/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-008)CHILLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING RPRS TO THE CHILLER OF THE A/C PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDRO SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF RPRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPL MISSING OR DAMAGED FASTENERS. ACCOMPLISH A SAT OP TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPL DESIGNATED TUBES. E. REPL ZINCS. F. RECOAT/RPR TUBE SHEETS. G. REMOVE CHILLER TO SHOP FOR RPRS. H. REPL TUBE SHEETS. I. RPR TUBE SUPPORT PLATES. J. ACCOMPLISH STRUCTURAL RPRS TO SHELL. K. ACCOMPLISH STRUCTURAL RPRS TO HEADS. L. REPL HEADS. NOTE: USE SWT TEMPLATE 514-20/514-21 FOR GUIDANCE

Task/Abbreviation: Q-51421-027- -A/C COND - PLUG TB				MJC: EXECJ167		Rev Date: 5/13/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 14		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-027)CONDENSER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51421-028- -A/C COND - RPR HEADS			MJC: EXECJ175		Rev Date: 2/26/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-028)CONDENSER REQUIRES REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR HEADS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51421-029- -A/C COND - RPR SHELL				MJC: EXECJ183		Rev Date: 2/26/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-029)CONDENSER REQUIRES REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51421-030- -A/C COND - REPL TB				MJC: EXECJ191		Rev Date: 2/26/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-030)CONDENSER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51421-031- -A/C COND - REPL ZINCS				MJC: EXECJ199		Rev Date: 2/26/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-51421-031)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-51421-032- -A/C COND - REROLL TB				MJC: EXECJ207		Rev Date: 5/13/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-032)CONDENSER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51421-033- -A/C COND - RPR TB SH			MJC: EXECJ215		Rev Date: 2/26/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 18	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-033)CONDENSER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51421-034- -A/C COND-REPL TB BUNDLE			MJC: EXECJ223		Rev Date: 2/26/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-034)CONDENSER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51421-035- -A/C COND-RPR SPRT PLATES			MJC: EXECJ231		Rev Date: 2/26/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 18	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-035)CONDENSER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51421-036- -A/C SW CIRC PMP MOT-RWND				MJC: EXECJE04		Rev Date: 5/13/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 1,488		ManDays: 31		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-036)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51421-037- -A/C SW CIRC PMP MOT-RPR				MJC: EXECJE12		Rev Date: 5/13/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 1,488		ManDays: 31		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-037)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51421-038- -A/C SW CIRC PMP MOT BRG-REPL				MJC: EXECJE20		Rev Date: 5/13/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 744		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-038)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51421-039- -A/C COMPR MOT-RWND			MJC: EXECJE28		Rev Date: 3/31/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 6,720	ManDays: 140	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-039)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51421-040- -A/C COMPR MOT-RPR				MJC: EXECJE36		Rev Date: 3/31/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 6,720		ManDays: 140		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-040)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51421-041- -A/C COMPR MOT BRG-REPL			MJC: EXECJE44		Rev Date: 3/31/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,360	ManDays: 70	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-041)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51421-042- -A/C PLT CNTFGL COMPR HE - RPR			MJC: EXECJAG6		Rev Date: 3/31/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-042)HEAT EXCHANGER REQUIRES REPAIR	DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH REPAIRS TO THE HEAT EXCHANGER. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51421-043- -A/C PLT CNTFGL COMPR SEALS-RPR			MJC: EXECJAG7		Rev Date: 3/31/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-043)SHAFT SEAL REQUIRES REPLACEMENT	DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO REMOVE AND REPLACE SHAFT SEALS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51421-046- -SW CIRC PMP MECH SEAL - REPL				MJC: EXECJDB6		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 2,250		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-046)PUMP SEAL REQUIRES REPLACEMENT	REPLACE, IN-PLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51421-048- -SW CIRC PMP RT ASSY - RPR			MJC: EXECJDB8		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-048)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51421-051- -SW CIRC PMP (CC) RT ASSY - RPR				MJC: EXECJDC1		Rev Date: 4/4/2007	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51421-051)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: I-51421-054- -A/C PLT R-114 - MRC G1B7			MJC: EXECI886		Rev Date: 11/4/2009
RCM Analysis: 7/12/2004	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51421-054)THE A/C PLANT R-114 REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G1B7 AS FOLLOWS: 1. ASSESS OVERALL OPERATION OF A/C PLANT. 2. CONDUCT COMPRESSOR OIL SEAL LEAKAGE INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51421-055- -A/C PLANT - MRC G1Y1			MJC: EXECI887		Rev Date: 3/31/2010					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 6	Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost: 125		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51421-055)THE A/C PLANT REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT ASSESSMENT IN ACCORDANCE WITH MRC G1Y1 AS FOLLOWS: 1. INSPECT AND RECORD A/C PLANT OPERATING AND MAINTENANCE HISTORY. 2. INSPECT MATERIAL CONDITION OF A/C PLANT. 3. INSPECT AND RECORD PARASENSE REFRIGERANT MONITOR STATUS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51421-059- -A/C PLT R-114 - MRC G1L9**MJC:** EXECI891**Rev Date:** 11/4/2009**RCM Analysis:** 7/12/2004**Scheduled:** Y**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 125**ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-51421-059)THE A/C PLANT R-114 REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G1L9 AS FOLLOWS: 1. TEST/OPERATE ELECTRONIC CONTROL MODULE (ECM). 2. TEST/OPERATE CURRENT LIMITER. 3. TEST THERMISTOR. 4. CHECK PRE-ROTATION VANES (PRV) AND HOT GAS BYPASS (HGBP) SETTINGS. 5. CHECK/INSPECT SETTING OF HGBP. 6. CHECK PRV FULL OPEN AND FULL CLOSED POSITIONS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51421-069- -AC PLT EQPT VIB TST - MRC G1P1			MJC: EXECIGF9		Rev Date: 8/4/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51421-069)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51421-083- -A/C PLANT - MRC A4P3**MJC:** EXECIIB8**Rev Date:** 12/8/2009**RCM Analysis:** 5/16/2007**Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 125**ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:(I-51421-83) THE A/C PLANT R-134A AND R-236FA
REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE A/C PLANT R-134A AND R-236FA ASSESSMENT IN
ACCORDANCE WITH MRC A4P3 AS FOLLOWS: 1. CONDUCT
COMPRESSOR OIL SEAL LEAKAGE INSPECTION. 2. RECORD A/C
PLANT OPERATIONAL PARAMETERS. 3. INSPECT AND RECORD A/C
PLANT OPERATION AND MAINTENANCE HISTORY. REPORT
CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: I-51421-084- -A/C PLANT - MRC A4P4**MJC:** EXECIIB9**Rev Date:** 10/13/2009**RCM Analysis:** 5/16/2007**Scheduled:** Y**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 24**Equip/Task:** 1**Matl Cost:** 125**ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-51421-084) THE A/C PLANT R-134A AND R-236FA
REQUIRES ASSESSMENT.ACCOMPLISH THE A/C PLANT R-134A AND R-236FA ASSESSMENT IN
ACCORDANCE WITH MRC A4P4 AS FOLLOWS: 1. PRELIMINARY
CHECKS. 2. CHECK PREROTATION VANES (PRV), VARIABLE
GEOMETRY DIFFUSER (VGD), CONDENSER WATER CONTROL VALVE
(CWCV) AND HOT GAS BYPASS VALVE (HGBV) POSITIONING. 3. TEST
MICROPROCESSOR CHILL WATER TEMPERATURE CONTROL. 4. TEST
MICROPROCESSOR CURRENT LIMITER CONTROL. 5. CHECK FOR
INDICATIONS OF CONDENSER TUBE FOULING. 6. CHECK FOR AIR
AND NON-CONDENSABLE GASSES. REPORT CONDITIONS FOUND TO
SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN
THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD
(2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51421-087- -A/C PLANT - MRC G3N1			MJC: EXECIIS8		Rev Date: 7/8/2010
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 24	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51421-087)THE A/C PLANT R-114 REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G3N1 AS FOLLOWS: TEST OPERATE PRESSURE AND TEMPERATURE SWITCHES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-51421-091- -AIR COND PLANT FDN - RPR				MJC: EXECQHO7		Rev Date: 5/9/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,000		ManDays: 25		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51421-091)ASSESS AND RPR AC PLANT FOUNDATION(S)	ASSESS AIR CONDITIONING PLANT FOUNDATION(S) FOR STRUCTURAL INTEGRITY AND CORROSION. INSPECT WELDS FOR SIGNS OF DETERIORATION OR SEPARATION. INSPECT ISOLATION MOUNTS (IF INSTALLED) FOR LOOSENESS AND INTEGRITY OF ELASTOMERIC MATERIAL. INSPECT FOR MISSING OR DETERIORATED FOUNDATION MOUNTING HARDWARE. REPAIR FOUNDATION(S) IN ACCORDANCE WITH CONDITIONS FOUND AS REQUIRED. REPORT CONDITIONS FOUND AND REPAIRS ACCOMPLISHED TO SHIPS CSMP

Task/Abbreviation: Q-51422-002- -A/C PLT CNTFGL COMPR - RPR**MJC:** EXECQA94**Rev Date:** 3/12/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 2,250**ManDays:** 50**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-51422-002)COMPRESSOR REQUIRES REPAIR

DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING REPAIRS. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF GEARS, IMPELLERS AND SHAFTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO COMPRESSOR. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE AND GRIND SHAFT JOURNALS. B. REPAIR OR REPLACE DIFFUSER PLATE, GEARS, IMPELLERS, NOZZLE PLATE, PUMP ASSEMBLY (LUBE OIL), ROTOR SCROLL AND SUPPORT, SHAFTS, SHAFT SEALS, THRUST COLLAR, VANE ASSEMBLY (PRE-ROTATION) AND UNLOADER ASSEMBLY. C. REPLACE COUPLING. D. REPAIR HEAT EXCHANGERS. NOTE: USE SWT 514-21 FOR GUIDANCE.

Task/Abbreviation: Q-51422-005- -A/C SW CIRC PMP (CPLD) - RPR			MJC: EXECQ892		Rev Date: 6/15/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-005)PUMP REQUIRES REPAIR	DISCONNECT THE PUMP COUPLING AND REMOVE THE PUMP TO THE SHOP. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT A VIBRATION TEST. P. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-51422-007- -A/C COND - INSP/RPR**MJC:** EXECQ731**Rev Date:** 2/26/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:** NO**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 900**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-51422-007)CONDENSER REQUIRES REPAIR

ACCOMPLISH THE FOLLOWING REPAIRS TO THE CONDENSER OF THE AIR CONDITIONING PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS & AS DESIGNATED. HYDRO SHELL & TUBE SIDES & REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECT. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPLACE MISSING/UNSERVICEABLE FASTENERS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. ACCOMPLISH STRUCTURAL REPAIRS TO SHELL. I. ACCOMPLISH STRUCTURAL REPAIRS TO HEADS. J. REPLACE HEADS. K. CHEMICALLY CLEAN CONDENSER. L. MECHANICALLY CLEAN CONDENSER. M. REPLACE TUBE BUNDLE

Task/Abbreviation: Q-51422-008- -A/C CHILLER - INSP/RPR			MJC: EXECQ563		Rev Date: 2/26/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-008)CHILLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING RPRS TO THE CHILLER OF THE A/C PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDRO SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF RPRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPL MISSING OR DAMAGED FASTENERS. ACCOMPLISH A SAT OP TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPL DESIGNATED TUBES. E. REPL ZINCS. F. RECOAT/RPR TUBE SHEETS. G. REMOVE CHILLER TO SHOP FOR RPRS. H. REPL TUBE SHEETS. I. RPR TUBE SUPPORT PLATES. J. ACCOMPLISH STRUCTURAL RPRS TO SHELL. K. ACCOMPLISH STRUCTURAL RPRS TO HEADS. L. REPL HEADS. NOTE: USE SWT TEMPLATE 514-20/514-21 FOR GUIDANCE

Task/Abbreviation: Q-51422-019- -A/C COND - PLUG TB				MJC: EXECJ168		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 14		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-019)CONDENSER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51422-020- -A/C COND - RPR HEADS				MJC: EXECJ176		Rev Date: 2/26/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-020)CONDENSER REQUIRES REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR HEADS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51422-021- -A/C COND - RPR SHELL				MJC: EXECJ184		Rev Date: 2/26/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-021)CONDENSER REQUIRES REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51422-022- -A/C COND - REPL TB				MJC: EXECJ192		Rev Date: 2/26/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-022)CONDENSER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51422-023- -A/C COND - REPL ZINCS				MJC: EXECJ200		Rev Date: 2/26/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-51422-023)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-51422-024- -A/C COND - REROLL TB				MJC: EXECJ208		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-024)CONDENSER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51422-025- -A/C COND - RPR TB SH			MJC: EXECJ216		Rev Date: 2/26/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 18	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-025)CONDENSER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51422-026- -A/C COND-REPL TB BUNDLE				MJC: EXECJ224		Rev Date: 2/26/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-026)CONDENSER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51422-027- -A/C COND-RPR SPRT PLATES			MJC: EXECJ232		Rev Date: 2/26/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 18	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-027)CONDENSER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51422-028- -A/C SW CIRC PMP MOT-RWND				MJC: EXECJE05		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,488		ManDays: 31		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-028)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51422-029- -A/C SW CIRC PMP MOT-RPR				MJC: EXECJE13		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,488		ManDays: 31		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-029)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51422-030- -A/C SW CIRC PMP MOT BRG-REPL				MJC: EXECJE21		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 744		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-030)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51422-031- -A/C COMPR MOT-RWND				MJC: EXECJE29		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 6,720		ManDays: 140		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-031)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51422-032- -A/C COMPR MOT-RPR**MJC:** EXECJE37**Rev Date:** 3/31/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 6,720**ManDays:** 140**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-51422-032)ELECTRIC MOTOR REQUIRES
RECONDITIONINGRECONDITION THE ELECTRIC MOTOR OF THE AIR CONDITIONING
PLANT COMPRESSOR IN ACCORDANCE WITH NAVSEA STANDARD
ITEM 009-17. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A
SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR
GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51422-033- -A/C COMPR MOT BRG-REPL		MJC: EXECJE45		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,360	ManDays: 70	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-033)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51422-034- -A/C PLT CNTFGL COMPR HE - RPR			MJC: EXECJAI2		Rev Date: 3/31/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 10	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-034)HEAT EXCHANGER REQUIRES REPAIR	DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH REPAIRS TO THE HEAT EXCHANGER. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51422-035- -A/C PLT CNTFGL COMPR SEALS-RPR			MJC: EXECJAI3		Rev Date: 3/31/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-035)SHAFT SEAL REQUIRES REPLACEMENT	DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO REMOVE AND REPLACE SHAFT SEALS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51422-038- -SW CIRC PMP MECH SEAL - REPL				MJC: EXECJDC2		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,250		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-51422-038)PUMP SEAL REQUIRES REPLACEMENT				REPLACE, IN-PLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-51422-046- -A/C PLT R-114 - MRC G1B7			MJC: EXECI901		Rev Date: 11/4/2009
RCM Analysis: 7/12/2004	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51422-046)THE A/C PLANT R-114 REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G1B7 AS FOLLOWS: 1. ASSESS OVERALL OPERATION OF A/C PLANT. 2. CONDUCT COMPRESSOR OIL SEAL LEAKAGE INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51422-047- -A/C PLANT - MRC G1Y1			MJC: EXECI902		Rev Date: 3/31/2010
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 24	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51422-047)THE A/C PLANT REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT ASSESSMENT IN ACCORDANCE WITH MRC G1Y1 AS FOLLOWS: 1. INSPECT AND RECORD A/C PLANT OPERATING AND MAINTENANCE HISTORY. 2. INSPECT MATERIAL CONDITION OF A/C PLANT. 3. INSPECT AND RECORD PARASENSE REFRIGERANT MONITOR STATUS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51422-051- -A/C PLT R-114 - MRC G1L9**MJC:** EXECI906**Rev Date:** 11/4/2009**RCM Analysis:** 7/12/2004**Scheduled:** Y**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 125**ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-51422-051)THE A/C PLANT R-114 REQUIRES ASSESSMENT.

ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G1L9 AS FOLLOWS: 1. TEST/OPERATE ELECTRONIC CONTROL MODULE (ECM). 2. TEST/OPERATE CURRENT LIMITER. 3. TEST THERMISTOR. 4. CHECK PRE-ROTATION VANES (PRV) AND HOT GAS BYPASS (HGBP) SETTINGS. 5. CHECK/INSPECT SETTING OF HGBP. 6. CHECK PRV FULL OPEN AND FULL CLOSED POSITIONS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51422-067- -AC PLT EQPT VIB TST - MRC G1P1				MJC: EXECIGG0	Rev Date: 8/4/2008
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51422-067)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51422-082- -A/C PLANT - MRC A4P3**MJC:** EXECIIC7**Rev Date:** 12/8/2009**RCM Analysis:** 5/16/2008**Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 125**ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-51422-82) THE A/C PLANT R-134A AND R-236FA
REQUIRES ASSESSMENT.ACCOMPLISH THE A/C PLANT R-134A AND R-236FA ASSESSMENT IN
ACCORDANCE WITH MRC A4P3 AS FOLLOWS: 1. CONDUCT
COMPRESSOR OIL SEAL LEAKAGE INSPECTION. 2. RECORD A/C
PLANT OPERATIONAL PARAMETERS. 3. INSPECT AND RECORD A/C
PLANT OPERATION AND MAINTENANCE HISTORY. REPORT
CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: I-51422-083- -A/C PLANT - MRC A4P4			MJC: EXECIIC8		Rev Date: 10/8/2009
RCM Analysis: 5/16/2007	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 24	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51422-83) THE A/C PLANT R-134A AND R-236FA REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-134A AND R-236FA ASSESSMENT IN ACCORDANCE WITH MRC A4P4 AS FOLLOWS: 1. PRELIMINARY CHECKS. 2. CHECK PREROTATION VANES (PRV), VARIABLE GEOMETRY DIFFUSER (VGD), CONDENSER WATER CONTROL VALVE (CWCV) AND HOT GAS BYPASS VALVE (HGBV) POSITIONING. 3. TEST MICROPROCESSOR CHILL WATER TEMPERATURE CONTROL. 4. TEST MICROPROCESSOR CURRENT LIMITER CONTROL. 5. CHECK FOR INDICATIONS OF CONDENSER TUBE FOULING. 6. CHECK FOR AIR AND NON-CONDENSABLE GASSES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51422-086- -A/C PLANT - MRC G3N1			MJC: EXECIIT0		Rev Date: 7/8/2010
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 24	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51422-086)THE A/C PLANT R-114 REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G3N1 AS FOLLOWS: TEST OPERATE PRESSURE AND TEMPERATURE SWITCHES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-51422-089- -AIR COND PLANT FDN - RPR			MJC: EXECQHO8		Rev Date: 5/10/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,000	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51422-089)ASSESS AND RPR AC PLANT FOUNDATION(S)	ASSESS AIR CONDITIONING PLANT FOUNDATION(S) FOR STRUCTURAL INTEGRITY AND CORROSION. INSPECT WELDS FOR SIGNS OF DETERIORATION OR SEPARATION. INSPECT ISOLATION MOUNTS (IF INSTALLED) FOR LOOSENESS AND INTEGRITY OF ELASTOMERIC MATERIAL. INSPECT FOR MISSING OR DETERIORATED FOUNDATION MOUNTING HARDWARE. REPAIR FOUNDATION(S) IN ACCORDANCE WITH CONDITIONS FOUND AS REQUIRED. REPORT CONDITIONS FOUND AND REPAIRS ACCOMPLISHED TO SHIPS CSMP

Task/Abbreviation: Q-51423-002- -A/C PLT CNTFGL COMPR - RPR			MJC: EXECQA95		Rev Date: 3/12/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required: YES	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-002)COMPRESSOR REQUIRES REPAIR	DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING REPAIRS. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF GEARS, IMPELLERS AND SHAFTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO COMPRESSOR. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE AND GRIND SHAFT JOURNALS. B. REPAIR OR REPLACE DIFFUSER PLATE, GEARS, IMPELLERS, NOZZLE PLATE, PUMP ASSEMBLY (LUBE OIL), ROTOR SCROLL AND SUPPORT, SHAFTS, SHAFT SEALS, THRUST COLLAR, VANE ASSEMBLY (PRE-ROTATION) AND UNLOADER ASSEMBLY. C. REPLACE COUPLING. D. REPAIR HEAT EXCHANGERS. NOTE: USE SWT 514-21 FOR GUIDANCE.

Task/Abbreviation: Q-51423-005- -A/C SW CIRC PMP (CPLD) - RPR			MJC: EXECQ893		Rev Date: 6/14/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-005)PUMP REQUIRES REPAIR	DISCONNECT THE PUMP COUPLING AND REMOVE THE PUMP TO THE SHOP. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT A VIBRATION TEST. P. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-51423-007- -A/C COND - INSP/RPR				MJC: EXECQ732		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required: NO			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-007)CONDENSER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE CONDENSER OF THE AIR CONDITIONING PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS & AS DESIGNATED. HYDRO SHELL & TUBE SIDES & REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECT. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPLACE MISSING/UNSERVICEABLE FASTENERS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. ACCOMPLISH STRUCTURAL REPAIRS TO SHELL. I. ACCOMPLISH STRUCTURAL REPAIRS TO HEADS. J. REPLACE HEADS. K. CHEMICALLY CLEAN CONDENSER. L. MECHANICALLY CLEAN CONDERNSER. M. REPLACE TUBE BUNDLE

Task/Abbreviation: Q-51423-008- -A/C CHILLER - INSP/RPR			MJC: EXECQ564		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-008)CHILLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING RPRS TO THE CHILLER OF THE A/C PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDRO SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF RPRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPL MISSING OR DAMAGED FASTENERS. ACCOMPLISH A SAT OP TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPL DESIGNATED TUBES. E. REPL ZINCS. F. RECOAT/RPR TUBE SHEETS. G. REMOVE CHILLER TO SHOP FOR RPRS. H. REPL TUBE SHEETS. I. RPR TUBE SUPPORT PLATES. J. ACCOMPLISH STRUCTURAL RPRS TO SHELL. K. ACCOMPLISH STRUCTURAL RPRS TO HEADS. L. REPL HEADS. NOTE: USE SWT TEMPLATE 514-20/514-21 FOR GUIDANCE

Task/Abbreviation: Q-51423-014- -A/C COND - PLUG TB				MJC: EXECJ169		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 14		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-014)CONDENSER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51423-015- -A/C COND - RPR HEADS				MJC: EXECJ177		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-015)CONDENSER REQUIRES REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR HEADS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51423-016- -A/C COND - RPR SHELL				MJC: EXECJ185		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-016)CONDENSER REQUIRES REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51423-017- -A/C COND - REPL TB				MJC: EXECJ193		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-017)CONDENSER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51423-018- -A/C COND - REPL ZINCS				MJC: EXECJ201		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-51423-018)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-51423-019- -A/C COND - REROLL TB				MJC: EXECJ209		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-019)CONDENSER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51423-020- -A/C COND - RPR TB SH				MJC: EXECJ217		Rev Date: 7/14/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 18		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-020)CONDENSER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51423-021- -A/C COND-REPL TB BUNDLE			MJC: EXECJ225		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-021)CONDENSER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51423-022- -A/C COND-RPR SPRT PLATES			MJC: EXECJ233		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 18	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-022)CONDENSER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51423-023- -A/C SW CIRC PMP MOT-RWND				MJC: EXECJE06		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,488		ManDays: 31		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-023)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51423-024- -A/C SW CIRC PMP MOT-RPR				MJC: EXECJE14		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,488		ManDays: 31		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-024)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51423-025- -A/C SW CIRC PMP MOT BRG-REPL				MJC: EXECJE22		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 744		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-025)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51423-026- -A/C COMPR MOT-RWND				MJC: EXECJE30		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 6,720		ManDays: 140		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-026)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51423-027- -A/C COMPR MOT-RPR				MJC: EXECJE38		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 6,720	ManDays: 140	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-027)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51423-028- -A/C COMPR MOT BRG-REPL			MJC: EXECJE46		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,360	ManDays: 70	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-028)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51423-029- -A/C PLT CNTFGL COMPR HE - RPR			MJC: EXECJAI6		Rev Date: 3/31/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-029)HEAT EXCHANGER REQUIRES REPAIR	DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH REPAIRS TO THE HEAT EXCHANGER. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51423-030- -A/C PLT CNTFGL COMPR SEALS-RPR			MJC: EXECJAI7		Rev Date: 3/31/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-030)SHAFT SEAL REQUIRES REPLACEMENT	DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO REMOVE AND REPLACE SHAFT SEALS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51423-033- -SW CIRC PMP MECH SEAL - REPL				MJC: EXECJDC8		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 2,250		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-51423-033)PUMP SEAL REQUIRES REPLACEMENT				REPLACE, IN-PLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-51423-035- -SW CIRC PMP RT ASSY - RPR			MJC: EXECJDD0		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51423-035)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51423-038- -SW CIRC PMP (CC) RT ASSY - RPR			MJC: EXECJDD3		Rev Date: 4/4/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASLINE	(Q-51423-038)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: I-51423-041- -A/C PLT R-114 - MRC G1B7			MJC: EXECI916		Rev Date: 11/4/2009
RCM Analysis: 7/12/2004	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51423-041)THE A/C PLANT R-114 REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G1B7 AS FOLLOWS: 1. ASSESS OVERALL OPERATION OF A/C PLANT. 2. CONDUCT COMPRESSOR OIL SEAL LEAKAGE INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51423-042- -A/C PLANT - MRC G1Y1			MJC: EXECI917		Rev Date: 3/31/2010					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 6	Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost: 125		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51423-042)THE A/C PLANT REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT ASSESSMENT IN ACCORDANCE WITH MRC G1Y1 AS FOLLOWS: 1. INSPECT AND RECORD A/C PLANT OPERATING AND MAINTENANCE HISTORY. 2. INSPECT MATERIAL CONDITION OF A/C PLANT. 3. INSPECT AND RECORD PARASENSE REFRIGERANT MONITOR STATUS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51423-046- -A/C PLT R-114 - MRC G1L9			MJC: EXECI921		Rev Date: 11/4/2009
RCM Analysis: 7/12/2004	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51423-046)THE A/C PLANT R-114 REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G1L9 AS FOLLOWS: 1. TEST/OPERATE ELECTRONIC CONTROL MODULE (ECM). 2. TEST/OPERATE CURRENT LIMITER. 3. TEST THERMISTOR. 4. CHECK PRE-ROTATION VANES (PRV) AND HOT GAS BYPASS (HGBP) SETTINGS. 5. CHECK/INSPECT SETTING OF HGBP. 6. CHECK PRV FULL OPEN AND FULL CLOSED POSITIONS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51423-055- -AC PLT EQPT VIB TST - MRC G1P1		MJC: EXECIGG1	Rev Date: 8/4/2008		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51423-055)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51423-060- -A/C PLANT - MRC A4P3			MJC: EXECIIC3		Rev Date: 3/31/2010
RCM Analysis: 5/16/2007	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51423-60) THE A/C PLANT R-134A AND R-236FA REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-134A AND R-236FA ASSESSMENT IN ACCORDANCE WITH MRC A4P3 AS FOLLOWS: 1. CONDUCT COMPRESSOR OIL SEAL LEAKAGE INSPECTION. 2. RECORD A/C PLANT OPERATIONAL PARAMETERS. 3. INSPECT AND RECORD A/C PLANT OPERATION AND MAINTENANCE HISTORY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51423-061- -A/C PLANT - MRC A4P4**MJC:** EXECIIC4**Rev Date:** 10/8/2009**RCM Analysis:** 5/16/2007**Scheduled:** Y**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 24**Equip/Task:** 1**Matl Cost:** 125**ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-51423-61) THE A/C PLANT R-134A AND R-236FA
REQUIRES ASSESSMENT.ACCOMPLISH THE A/C PLANT R-134A AND R-236FA ASSESSMENT IN
ACCORDANCE WITH MRC A4P4 AS FOLLOWS: 1. PRELIMINARY
CHECKS. 2. CHECK PREROTATION VANES (PRV), VARIABLE
GEOMETRY DIFFUSER (VGD), CONDENSER WATER CONTROL VALVE
(CWCV) AND HOT GAS BYPASS VALVE (HGBV) POSITIONING. 3. TEST
MICROPROCESSOR CHILL WATER TEMPERATURE CONTROL. 4. TEST
MICROPROCESSOR CURRENT LIMITER CONTROL. 5. CHECK FOR
INDICATIONS OF CONDENSER TUBE FOULING. 6. CHECK FOR AIR
AND NON-CONDENSABLE GASSES. REPORT CONDITIONS FOUND TO
SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN
THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD
(2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51423-063- -A/C PLANT - MRC G3N1			MJC: EXECIIT1		Rev Date: 7/8/2010
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 24	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51423-063)THE A/C PLANT R-114 REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G3N1 AS FOLLOWS: TEST OPERATE PRESSURE AND TEMPERATURE SWITCHES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-51423-065- -AIR COND PLANT FDN - RPR**MJC:** EXECQHO9**Rev Date:** 5/10/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 3,000**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-51423-065)ASSESS AND RPR AC PLANT
FOUNDATION(S)ASSESS AIR CONDITIONING PLANT FOUNDATION(S) FOR
STRUCTURAL INTEGRITY AND CORROSION. INSPECT WELDS FOR
SIGNS OF DETERIORATION OR SEPARATION. INSPECT ISOLATION
MOUNTS (IF INSTALLED) FOR LOOSENESS AND INTEGRITY OF
ELASTOMERIC MATERIAL. INSPECT FOR MISSING OR
DETERIORATED FOUNDATION MOUNTING HARDWARE. REPAIR
FOUNDATION(S) IN ACCORDANCE WITH CONDITIONS FOUND AS
REQUIRED. REPORT CONDITIONS FOUND AND REPAIRS
ACCOMPLISHED TO SHIPS CSMP

Task/Abbreviation: K-51423-066- -SA 00080 K2 ACCOMPLISH				MJC: EXSAKAD3	Rev Date: 6/29/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: 00080 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	SA 00080 K2 AC PLANTS AMIDSHIPS NOT ACCOMPLISHED	AMIDSHIPS PLANTS (A/C PLANTS #3 AND #4). TO INSTALL A REMOVABLE SPOOL PIECE BEHIND THE FIRST SET OF CHILLED WATER RISER CUTOUT VALVES TO INSTALL A TEMPORARY BLIND FLANGE THAT WILL PROVIDE A SECOND MEANS OF ISOLATION FROM THE A/C PLANTS THAT ARE NOT BEING WORKED.

Task/Abbreviation: Q-51424-002- -A/C PLT CNTFGL COMPR - RPR			MJC: EXECQ956		Rev Date: 3/12/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required: YES	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-002)COMPRESSOR REQUIRES REPAIR	DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING REPAIRS. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF GEARS, IMPELLERS AND SHAFTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO COMPRESSOR. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE AND GRIND SHAFT JOURNALS. B. REPAIR OR REPLACE DIFFUSER PLATE, GEARS, IMPELLERS, NOZZLE PLATE, PUMP ASSEMBLY (LUBE OIL), ROTOR SCROLL AND SUPPORT, SHAFTS, SHAFT SEALS, THRUST COLLAR, VANE ASSEMBLY (PRE-ROTATION) AND UNLOADER ASSEMBLY. C. REPLACE COUPLING. D. REPAIR HEAT EXCHANGERS. NOTE: USE SWT 514-21 FOR GUIDANCE.

Task/Abbreviation: Q-51424-005- -A/C SW CIRC PMP (CPLD) - RPR			MJC: EXECQ894		Rev Date: 6/14/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required: YES	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-005)PUMP REQUIRES REPAIR	DISCONNECT THE PUMP COUPLING AND REMOVE THE PUMP TO THE SHOP. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT A VIBRATION TEST. P. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-51424-007- -A/C COND - INSP/RPR				MJC: EXECQ733		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 6	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-007)CONDENSER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE CONDENSER OF THE AIR CONDITIONING PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS & AS DESIGNATED. HYDRO SHELL & TUBE SIDES & REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECT. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPLACE MISSING/UNSERVICEABLE FASTENERS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. ACCOMPLISH STRUCTURAL REPAIRS TO SHELL. I. ACCOMPLISH STRUCTURAL REPAIRS TO HEADS. J. REPLACE HEADS. K. CHEMICALLY CLEAN CONDENSER. L. MECHANICALLY CLEAN CONDERNSER. M. REPLACE TUBE BUNDLE

Task/Abbreviation: Q-51424-008- -A/C CHILLER - INSP/RPR				MJC: EXECQ565		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required: NO			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-008)CHILLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING RPRS TO THE CHILLER OF THE A/C PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDRO SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF RPRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPL MISSING OR DAMAGED FASTENERS. ACCOMPLISH A SAT OP TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPL DESIGNATED TUBES. E. REPL ZINCS. F. RECOAT/RPR TUBE SHEETS. G. REMOVE CHILLER TO SHOP FOR RPRS. H. REPL TUBE SHEETS. I. RPR TUBE SUPPORT PLATES. J. ACCOMPLISH STRUCTURAL RPRS TO SHELL. K. ACCOMPLISH STRUCTURAL RPRS TO HEADS. L. REPL HEADS. NOTE: USE SWT TEMPLATE 514-20/514-21 FOR GUIDANCE

Task/Abbreviation: Q-51424-012- -A/C COND - PLUG TB				MJC: EXECJ170		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 14		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-012)CONDENSER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51424-013- -A/C COND - RPR HEADS				MJC: EXECJ178		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-013)CONDENSER REQUIRES REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR HEADS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51424-014- -A/C COND - RPR SHELL				MJC: EXECJ186		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-014)CONDENSER REQUIRES REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51424-015- -A/C COND - REPL TB				MJC: EXECJ194		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-015)CONDENSER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51424-016- -A/C COND - REPL ZINCS				MJC: EXECJ202		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-016)ZINCS REQUIRE REPLACEMENT	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51424-017- -A/C COND - REROLL TB				MJC: EXECJ210		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-017)CONDENSER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51424-018- -A/C COND - RPR TB SH				MJC: EXECJ218		Rev Date: 7/14/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 18		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-018)CONDENSER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51424-019- -A/C COND-REPL TB BUNDLE				MJC: EXECJ226		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-019)CONDENSER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51424-020- -A/C COND-RPR SPRT PLATES			MJC: EXECJ234		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 18	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-020)CONDENSER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51424-021- -A/C SW CIRC PMP MOT-RWND				MJC: EXECJE07		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,488		ManDays: 31		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-021)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51424-022- -A/C SW CIRC PMP MOT-RPR				MJC: EXECJE15		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,488		ManDays: 31		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-022)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51424-023- -A/C SW CIRC PMP MOT BRG-REPL				MJC: EXECJE23		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 744		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-023)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51424-024- -A/C COMPR MOT-RWND			MJC: EXECJE31		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 6,720	ManDays: 140	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-024)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51424-025- -A/C COMPR MOT-RPR				MJC: EXECJE39		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 6,720		ManDays: 140		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-025)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51424-026- -A/C COMPR MOT BRG-REPL			MJC: EXECJE47		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,360	ManDays: 70	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-026)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51424-027- -A/C PLT CNTFGL COMPR HE - RPR			MJC: EXECJAJ0		Rev Date: 3/31/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-027)HEAT EXCHANGER REQUIRES REPAIR	DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH REPAIRS TO THE HEAT EXCHANGER. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51424-028- -A/C PLT CNTFGL COMPR SEALS-RPR			MJC: EXECJAJ1		Rev Date: 3/31/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51424-028)SHAFT SEAL REQUIRES REPLACEMENT	DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO REMOVE AND REPLACE SHAFT SEALS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51424-031- -SW CIRC PMP MECH SEAL - REPL				MJC: EXECJDD4		Rev Date: 4/2/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,250		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-51424-031)PUMP SEAL REQUIRES REPLACEMENT				REPLACE, IN-PLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-51424-039- -A/C PLT R-114 - MRC G1B7			MJC: EXECI931		Rev Date: 11/4/2009
RCM Analysis: 7/12/2004	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51424-039)THE A/C PLANT R-114 REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G1B7 AS FOLLOWS: 1. ASSESS OVERALL OPERATION OF A/C PLANT. 2. CONDUCT COMPRESSOR OIL SEAL LEAKAGE INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51424-040- -A/C PLANT - MRC G1Y1			MJC: EXECI932		Rev Date: 3/31/2010					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 6	Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost: 125		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51424-040)THE A/C PLANT REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT ASSESSMENT IN ACCORDANCE WITH MRC G1Y1 AS FOLLOWS: 1. INSPECT AND RECORD A/C PLANT OPERATING AND MAINTENANCE HISTORY. 2. INSPECT MATERIAL CONDITION OF A/C PLANT. 3. INSPECT AND RECORD PARASENSE REFRIGERANT MONITOR STATUS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51424-044- -A/C PLT R-114 - MRC G1L9			MJC: EXECI936		Rev Date: 11/4/2009
RCM Analysis: 7/12/2004	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51424-044)THE A/C PLANT R-114 REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G1L9 AS FOLLOWS: 1. TEST/OPERATE ELECTRONIC CONTROL MODULE (ECM). 2. TEST/OPERATE CURRENT LIMITER. 3. TEST THERMISTOR. 4. CHECK PRE-ROTATION VANES (PRV) AND HOT GAS BYPASS (HGBP) SETTINGS. 5. CHECK/INSPECT SETTING OF HGBP. 6. CHECK PRV FULL OPEN AND FULL CLOSED POSITIONS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51424-053- -AC PLT EQPT VIB TST - MRC G1P1				MJC: EXECIGG2		Rev Date: 7/31/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51424-053)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51424-056- -A/C PLANT - MRC A4P3**MJC:** EXECIIC5**Rev Date:** 12/8/2009**RCM Analysis:** 5/16/2007**Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 125**ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:(I-51424-56) THE A/C PLANT R-134A AND R-236FA
REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE A/C PLANT R-134A AND R-236FA ASSESSMENT IN
ACCORDANCE WITH MRC A4P3 AS FOLLOWS: 1. CONDUCT
COMPRESSOR OIL SEAL LEAKAGE INSPECTION. 2. RECORD A/C
PLANT OPERATIONAL PARAMETERS. 3. INSPECT AND RECORD A/C
PLANT OPERATION AND MAINTENANCE HISTORY. REPORT
CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: I-51424-058- -A/C PLANT - MRC A4P4**MJC:** EXECIIC6**Rev Date:** 10/8/2009**RCM Analysis:** 5/16/2007**Scheduled:** Y**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 24**Equip/Task:** 1**Matl Cost:** 125**ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:(I-51424-58) THE A/C PLANT R-134A AND R-236FA
REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE A/C PLANT R-134A AND R-236FA ASSESSMENT IN
ACCORDANCE WITH MRC A4P4 AS FOLLOWS: 1. PRELIMINARY
CHECKS. 2. CHECK PREROTATION VANES (PRV), VARIABLE
GEOMETRY DIFFUSER (VGD), CONDENSER WATER CONTROL VALVE
(CWCV) AND HOT GAS BYPASS VALVE (HGBV) POSITIONING. 3. TEST
MICROPROCESSOR CHILL WATER TEMPERATURE CONTROL. 4. TEST
MICROPROCESSOR CURRENT LIMITER CONTROL. 5. CHECK FOR
INDICATIONS OF CONDENSER TUBE FOULING. 6. CHECK FOR AIR
AND NON-CONDENSABLE GASSES. REPORT CONDITIONS FOUND TO
SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN
THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD
(2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51424-060- -A/C PLANT - MRC G3N1			MJC: EXECIIT2		Rev Date: 7/8/2010
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 24	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51424-060)THE A/C PLANT R-114 REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G3N1 AS FOLLOWS: TEST OPERATE PRESSURE AND TEMPERATURE SWITCHES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-51424-066- -AIR COND PLANT FDN - RPR			MJC: EXECQHP0		Rev Date: 5/10/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,000	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51424-066)ASSESS AND RPR AC PLANT FOUNDATION(S)	ASSESS AIR CONDITIONING PLANT FOUNDATION(S) FOR STRUCTURAL INTEGRITY AND CORROSION. INSPECT WELDS FOR SIGNS OF DETERIORATION OR SEPARATION. INSPECT ISOLATION MOUNTS (IF INSTALLED) FOR LOOSENESS AND INTEGRITY OF ELASTOMERIC MATERIAL. INSPECT FOR MISSING OR DETERIORATED FOUNDATION MOUNTING HARDWARE. REPAIR FOUNDATION(S) IN ACCORDANCE WITH CONDITIONS FOUND AS REQUIRED. REPORT CONDITIONS FOUND AND REPAIRS ACCOMPLISHED TO SHIPS CSMP

Task/Abbreviation: Q-51425-002- -A/C PLT CNTFGL COMPR - RPR			MJC: EXECQ958		Rev Date: 3/12/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-002)COMPRESSOR REQUIRES REPAIR	DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING REPAIRS. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF GEARS, IMPELLERS AND SHAFTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO COMPRESSOR. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE AND GRIND SHAFT JOURNALS. B. REPAIR OR REPLACE DIFFUSER PLATE, GEARS, IMPELLERS, NOZZLE PLATE, PUMP ASSEMBLY (LUBE OIL), ROTOR SCROLL AND SUPPORT, SHAFTS, SHAFT SEALS, THRUST COLLAR, VANE ASSEMBLY (PRE-ROTATION) AND UNLOADER ASSEMBLY. C. REPLACE COUPLING. D. REPAIR HEAT EXCHANGERS. NOTE: USE SWT 514-21 FOR GUIDANCE.

Task/Abbreviation: Q-51425-005- -A/C SW CIRC PMP (CPLD) - RPR			MJC: EXECQ807		Rev Date: 6/14/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-005)PUMP REQUIRES REPAIR	DISCONNECT THE PUMP COUPLING AND REMOVE THE PUMP TO THE SHOP. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT A VIBRATION TEST. P. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-51425-007- -A/C COND - INSP/RPR				MJC: EXECQ734		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 6	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-007)CONDENSER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE CONDENSER OF THE AIR CONDITIONING PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS & AS DESIGNATED. HYDRO SHELL & TUBE SIDES & REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECT. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPLACE MISSING/UNSERVICEABLE FASTENERS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. ACCOMPLISH STRUCTURAL REPAIRS TO SHELL. I. ACCOMPLISH STRUCTURAL REPAIRS TO HEADS. J. REPLACE HEADS. K. CHEMICALLY CLEAN CONDENSER. L. MECHANICALLY CLEAN CONDERNSER. M. REPLACE TUBE BUNDLE

Task/Abbreviation: Q-51425-008- -A/C CHILLER - INSP/RPR			MJC: EXECQ566		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-008)CHILLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING RPRS TO THE CHILLER OF THE A/C PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDRO SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF RPRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPL MISSING OR DAMAGED FASTENERS. ACCOMPLISH A SAT OP TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPL DESIGNATED TUBES. E. REPL ZINCS. F. RECOAT/RPR TUBE SHEETS. G. REMOVE CHILLER TO SHOP FOR RPRS. H. REPL TUBE SHEETS. I. RPR TUBE SUPPORT PLATES. J. ACCOMPLISH STRUCTURAL RPRS TO SHELL. K. ACCOMPLISH STRUCTURAL RPRS TO HEADS. L. REPL HEADS. NOTE: USE SMWG TEMPLATE #514-20 FOR GUIDANCE

Task/Abbreviation: Q-51425-011- -A/C COND - PLUG TB				MJC: EXECJ171		Rev Date: 7/14/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 14		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-011)CONDENSER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51425-012- -A/C COND - RPR HEADS				MJC: EXECJ179		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-012)CONDENSER REQUIRES REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR HEADS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51425-013- -A/C COND - RPR SHELL				MJC: EXECJ187		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:		Problem Description:		Recommended Solution:	
BASELINE		(Q-51425-013)CONDENSER REQUIRES REPAIR		REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.	

Task/Abbreviation: Q-51425-014- -A/C COND - REPL TB				MJC: EXECJ195		Rev Date: 7/14/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-014)CONDENSER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51425-015- -A/C COND - REPL ZINCS			MJC: EXECJ203		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 12	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-015)ZINCS REQUIRE REPLACEMENT	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51425-016- -A/C COND - REROLL TB				MJC: EXECJ211		Rev Date: 7/14/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-016)CONDENSER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51425-017- -A/C COND - RPR TB SH			MJC: EXECJ219		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 18	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-017)CONDENSER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51425-018- -A/C COND-REPL TB BUNDLE				MJC: EXECJ227		Rev Date: 7/14/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-018)CONDENSER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51425-019- -A/C COND-RPR SPRT PLATES				MJC: EXECJ235		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 18		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:		Problem Description:		Recommended Solution:	
BASELINE		(Q-51425-019)CONDENSER TUBE SUPPORT PLATES REQUIRE REPAIR		REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.	

Task/Abbreviation: Q-51425-020- -A/C SW CIRC PMP MOT-RWND				MJC: EXECJE08		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,488		ManDays: 31		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-020)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51425-021- -A/C SW CIRC PMP MOT-RPR				MJC: EXECJE16		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,488		ManDays: 31		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-021)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51425-022- -A/C SW CIRC PMP MOT BRG-REPL			MJC: EXECJE24		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 744	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-022)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51425-023- -A/C COMPR MOT-RWND				MJC: EXECJE32		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 6,720		ManDays: 140		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-023)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51425-024- -A/C COMPR MOT-RPR				MJC: EXECJE40		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 6,720		ManDays: 140		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-024)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51425-025- -A/C COMPR MOT BRG-REPL				MJC: EXECJE48		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,360		ManDays: 70		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-025)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51425-026- -A/C PLT CNTFGL COMPR HE - RPR			MJC: EXECJAJ4		Rev Date: 3/31/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-026)HEAT EXCHANGER REQUIRES REPAIR	DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH REPAIRS TO THE HEAT EXCHANGER. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51425-027- -A/C PLT CNTFGL COMPR SEALS-RPR			MJC: EXECJAJ5		Rev Date: 3/31/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-027)SHAFT SEAL REQUIRES REPLACEMENT	DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO REMOVE AND REPLACE SHAFT SEALS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51425-030- -SW CIRC PMP MECH SEAL - REPL				MJC: EXECJDE0		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,250		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-030)PUMP SEAL REQUIRES REPLACEMENT	REPLACE, IN-PLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51425-032- -SW CIRC PMP RT ASSY - RPR			MJC: EXECJDE2		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-032)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51425-035- -SW CIRC PMP (CC) RT ASSY - RPR			MJC: EXECJDE5		Rev Date: 4/4/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51425-035)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: I-51425-037- -AC PLT EQPT VIB TST - MRC G1P1			MJC: EXECIGG3		Rev Date: 8/4/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51425-037)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51425-040- -A/C PLANT -MRC G1Y1			MJC: EXECIH82		Rev Date: 7/22/2011					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 6	Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost: 125		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51425-040)THE A/C PLANT REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT ASSESSMENT IN ACCORDANCE WITH MRC G1Y1 AS FOLLOWS: 1. INSPECT AND RECORD A/C PLANT OPERATING AND MAINTENANCE HISTORY. 2. INSPECT MATERIAL CONDITION OF A/C PLANT. 3. INSPECT AND RECORD PARASENSE REFRIGERANT MONITOR STATUS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51425-053- -A/C PLANT - MRC A4P3			MJC: EXECIIC9		Rev Date: 12/8/2009
RCM Analysis: 5/16/2007	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51425-53) THE A/C PLANT R-134A AND R-236FA REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-134A AND R-236FA ASSESSMENT IN ACCORDANCE WITH MRC A4P3 AS FOLLOWS: 1. CONDUCT COMPRESSOR OIL SEAL LEAKAGE INSPECTION. 2. RECORD A/C PLANT OPERATIONAL PARAMETERS. 3. INSPECT AND RECORD A/C PLANT OPERATION AND MAINTENANCE HISTORY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51425-054- -A/C PLANT - MRC A4P4**MJC:** EXECIID0**Rev Date:** 10/8/2009**RCM Analysis:** 5/16/2007**Scheduled:** Y**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 24**Equip/Task:** 1**Matl Cost:** 125**ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:(I-51425-54) THE A/C PLANT R-134A AND R-236FA
REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE A/C PLANT R-134A AND R-236FA ASSESSMENT IN
ACCORDANCE WITH MRC A4P4 AS FOLLOWS: 1. PRELIMINARY
CHECKS. 2. CHECK PREROTATION VANES (PRV), VARIABLE
GEOMETRY DIFFUSER (VGD), CONDENSER WATER CONTROL VALVE
(CWCV) AND HOT GAS BYPASS VALVE (HGBV) POSITIONING. 3. TEST
MICROPROCESSOR CHILL WATER TEMPERATURE CONTROL. 4. TEST
MICROPROCESSOR CURRENT LIMITER CONTROL. 5. CHECK FOR
INDICATIONS OF CONDENSER TUBE FOULING. 6. CHECK FOR AIR
AND NON-CONDENSABLE GASSES. REPORT CONDITIONS FOUND TO
SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN
THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD
(2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51425-057- -A/C PLT R-114 - MRC G1B7			MJC: EXECIHH5		Rev Date: 11/4/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51425-057)THE A/C PLANT R-114 REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G1B7 AS FOLLOWS: 1. ASSESS OVERALL OPERATION OF A/C PLANT. 2. CONDUCT COMPRESSOR OIL SEAL LEAKAGE INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51425-058- -A/C PLT R-114 - MRC G1L9			MJC: EXECIIH7		Rev Date: 11/4/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51425-058)THE A/C PLANT R-114 REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G1L9 AS FOLLOWS: 1. TEST/OPERATE ELECTRONIC CONTROL MODULE (ECM). 2. TEST/OPERATE CURRENT LIMITER. 3. TEST THERMISTOR. 4. CHECK PRE-ROTATION VANES (PRV) AND HOT GAS BYPASS (HGBP) SETTINGS. 5. CHECK/INSPECT SETTING OF HGBP. 6. CHECK PRV FULL OPEN AND FULL CLOSED POSITIONS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51425-061- -A/C PLANT - MRC G3N1		MJC: EXECIIT3	Rev Date: 6/14/2010		
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 24	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51425-061) THE A/C PLANT R-114 REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G3N1 AS FOLLOWS: TEST OPERATE PRESSURE AND TEMPERATURE SWITCHES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-51425-065- -AIR COND PLANT FDN - RPR**MJC:** EXECQHP1**Rev Date:** 5/10/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 3,000**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-51425-065)ASSESS AND RPR AC PLANT
FOUNDATION(S)ASSESS AIR CONDITIONING PLANT FOUNDATION(S) FOR
STRUCTURAL INTEGRITY AND CORROSION. INSPECT WELDS FOR
SIGNS OF DETERIORATION OR SEPARATION. INSPECT ISOLATION
MOUNTS (IF INSTALLED) FOR LOOSENESS AND INTEGRITY OF
ELASTOMERIC MATERIAL. INSPECT FOR MISSING OR
DETERIORATED FOUNDATION MOUNTING HARDWARE. REPAIR
FOUNDATION(S) IN ACCORDANCE WITH CONDITIONS FOUND AS
REQUIRED. REPORT CONDITIONS FOUND AND REPAIRS
ACCOMPLISHED TO SHIPS CSMP

Task/Abbreviation: Q-51426-002- -A/C PLT CNTFGL COMPR - RPR			MJC: EXECQ959		Rev Date: 3/12/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-002)COMPRESSOR REQUIRES REPAIR	DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING REPAIRS. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF GEARS, IMPELLERS AND SHAFTS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO COMPRESSOR. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE AND GRIND SHAFT JOURNALS. B. REPAIR OR REPLACE DIFFUSER PLATE, GEARS, IMPELLERS, NOZZLE PLATE, PUMP ASSEMBLY (LUBE OIL), ROTOR SCROLL AND SUPPORT, SHAFTS, SHAFT SEALS, THRUST COLLAR, VANE ASSEMBLY (PRE-ROTATION) AND UNLOADER ASSEMBLY. C. REPLACE COUPLING. D. REPAIR HEAT EXCHANGERS. NOTE: USE SWT 514-21 FOR GUIDANCE.

Task/Abbreviation: Q-51426-005- -A/C SW CIRC PMP (CPLD) - RPR**MJC:** EXECQ816**Rev Date:** 6/14/2006**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 6**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,125**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-51426-005)PUMP REQUIRES REPAIR

DISCONNECT THE PUMP COUPLING AND REMOVE THE PUMP TO THE SHOP. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT A VIBRATION TEST. P. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-51426-007- -A/C COND - INSP/RPR			MJC: EXECQ735		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-007)CONDENSER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE CONDENSER OF THE AIR CONDITIONING PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS & AS DESIGNATED. HYDRO SHELL & TUBE SIDES & REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECT. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPLACE MISSING/UNSERVICEABLE FASTENERS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. ACCOMPLISH STRUCTURAL REPAIRS TO SHELL. I. ACCOMPLISH STRUCTURAL REPAIRS TO HEADS. J. REPLACE HEADS. K. CHEMICALLY CLEAN CONDENSER. L. MECHANICALLY CLEAN CONDERNSER. M. REPLACE TUBE BUNDLE

Task/Abbreviation: Q-51426-008- -A/C CHILLER - INSP/RPR			MJC: EXECQ567		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-008)CHILLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING RPRS TO THE CHILLER OF THE A/C PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS. HYDRO SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF RPRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPL MISSING OR DAMAGED FASTENERS. ACCOMPLISH A SAT OP TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPL DESIGNATED TUBES. E. REPL ZINCS. F. RECOAT/RPR TUBE SHEETS. G. REMOVE CHILLER TO SHOP FOR RPRS. H. REPL TUBE SHEETS. I. RPR TUBE SUPPORT PLATES. J. ACCOMPLISH STRUCTURAL RPRS TO SHELL. K. ACCOMPLISH STRUCTURAL RPRS TO HEADS. L. REPL HEADS. NOTE: USE SMWG TEMPLATE #514-20 FOR GUIDANCE

Task/Abbreviation: Q-51426-011- -A/C COND - PLUG TB				MJC: EXECJ172		Rev Date: 7/14/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 14		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-011)CONDENSER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51426-012- -A/C COND - RPR HEADS				MJC: EXECJ180		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-012)CONDENSER REQUIRES REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR HEADS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51426-013- -A/C COND - RPR SHELL				MJC: EXECJ188		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-013)CONDENSER REQUIRES REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51426-014- -A/C COND - REPL TB				MJC: EXECJ196		Rev Date: 7/14/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-014)CONDENSER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51426-015- -A/C COND - REPL ZINCS				MJC: EXECJ204		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-51426-015)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-51426-016- -A/C COND - REROLL TB				MJC: EXECJ212		Rev Date: 7/14/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-016)CONDENSER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51426-017- -A/C COND - RPR TB SH			MJC: EXECJ220		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 18	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-017)CONDENSER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51426-018- -A/C COND-REPL TB BUNDLE			MJC: EXECJ228		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-018)CONDENSER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51426-019- -A/C COND-RPR SPRT PLATES				MJC: EXECJ236		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 18		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-019)CONDENSER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51426-020- -A/C SW CIRC PMP MOT-RWND				MJC: EXECJE09		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,488		ManDays: 31		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-020)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51426-021- -A/C SW CIRC PMP MOT-RPR				MJC: EXECJE17		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,488		ManDays: 31		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-021)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51426-022- -A/C SW CIRC PMP MOT BRG-REPL			MJC: EXECJE25		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 744	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-022)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE SEA WATER CIRCULATING PUMP OF THE AIR CONDITIONING SYSTEM. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51426-023- -A/C COMPR MOT-RWND				MJC: EXECJE33		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 6,720		ManDays: 140		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-023)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51426-024- -A/C COMPR MOT-RPR				MJC: EXECJE41		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 6,720		ManDays: 140		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-024)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51426-025- -A/C COMPR MOT BRG-REPL				MJC: EXECJE49		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,360		ManDays: 70		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-025)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE AIR CONDITIONING PLANT COMPRESSOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51426-026- -A/C PLT CNTFGL COMPR HE - RPR			MJC: EXECJAJ8		Rev Date: 7/22/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-026)HEAT EXCHANGER REQUIRES REPAIR	DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH REPAIRS TO THE HEAT EXCHANGER. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51426-027- -A/C PLT CNTFGL COMPR SEALS-RPR			MJC: EXECJAJ9		Rev Date: 3/12/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-027)SHAFT SEAL REQUIRES REPLACEMENT	DISASSEMBLE THE COMPRESSOR (CENTRIFUGAL) OF THE AIR CONDITIONING PLANT TO THE EXTENT NECESSARY TO REMOVE AND REPLACE SHAFT SEALS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, ROLL RING SEALS AND SNAP RINGS. REPLACE MISSING OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51426-030- -SW CIRC PMP MECH SEAL - REPL				MJC: EXECJDE6		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,125		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51426-030)PUMP SEAL REQUIRES REPLACEMENT	REPLACE, IN-PLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-51426-037- -AC PLT EQPT VIB TST - MRC G1P1			MJC: EXECIGG4		Rev Date: 8/4/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51426-037)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51426-040- -A/C PLANT - MRC G1Y1			MJC: EXECIH85		Rev Date: 12/8/2009
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 24	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51426-040)THE A/C PLANT R-12 & R-134A REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-12 & R-134A ASSESSMENT IN ACCORDANCE WITH MRC G1Y1 AS FOLLOWS: 1. INSPECT AND RECORD A/C PLANT OPERATING AND MAINTENANCE HISTORY. 2. INSPECT MATERIAL CONDITION OF A/C PLANT. 3. INSPECT AND RECORD PARASENSE REFRIGERANT MONITOR STATUS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51426-045- -A/C PLANT - MRC A4P3			MJC: EXECIID1		Rev Date: 12/8/2009
RCM Analysis: 5/16/2007	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51426-45) THE A/C PLANT R-134A AND R-236FA REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-134A AND R-236FA ASSESSMENT IN ACCORDANCE WITH MRC A4P3 AS FOLLOWS: 1. CONDUCT COMPRESSOR OIL SEAL LEAKAGE INSPECTION. 2. RECORD A/C PLANT OPERATIONAL PARAMETERS. 3. INSPECT AND RECORD A/C PLANT OPERATION AND MAINTENANCE HISTORY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51426-046- -A/C PLANT - MRC A4P4**MJC:** EXECIID2**Rev Date:** 10/8/2009**RCM Analysis:** 5/16/2007**Scheduled:** Y**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 3**Freq:** 24**Equip/Task:** 1**Matl Cost:** 125**ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:(I-51426-046)THE A/C PLANT R-134A AND R-236FA
REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE A/C PLANT R-134A AND R-236FA ASSESSMENT IN
ACCORDANCE WITH MRC A4P4 AS FOLLOWS: 1. PRELIMINARY
CHECKS. 2. CHECK PREROTATION VANES (PRV), VARIABLE
GEOMETRY DIFFUSER (VGD), CONDENSER WATER CONTROL VALVE
(CWCV) AND HOT GAS BYPASS VALVE (HGBV) POSITIONING. 3. TEST
MICROPROCESSOR CHILL WATER TEMPERATURE CONTROL. 4. TEST
MICROPROCESSOR CURRENT LIMITER CONTROL. 5. CHECK FOR
INDICATIONS OF CONDENSER TUBE FOULING. 6. CHECK FOR AIR
AND NON-CONDENSABLE GASSES. REPORT CONDITIONS FOUND TO
SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN
THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD
(2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51426-049- -A/C PLT R-114 - MRC G1B7			MJC: EXECIIH8		Rev Date: 11/4/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51426-049)THE A/C PLANT R-114 REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G1B7 AS FOLLOWS: 1. ASSESS OVERALL OPERATION OF A/C PLANT. 2. CONDUCT COMPRESSOR OIL SEAL LEAKAGE INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51426-050- -A/C PLT R-114 - MRC G1L9			MJC: EXECIIH9		Rev Date: 11/4/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51426-050)THE A/C PLANT R-114 REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G1L9 AS FOLLOWS: 1. TEST/OPERATE ELECTRONIC CONTROL MODULE (ECM). 2. TEST/OPERATE CURRENT LIMITER. 3. TEST THERMISTOR. 4. CHECK PRE-ROTATION VANES (PRV) AND HOT GAS BYPASS (HGBP) SETTINGS. 5. CHECK/INSPECT SETTING OF HGBP. 6. CHECK PRV FULL OPEN AND FULL CLOSED POSITIONS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-51426-051- -A/C PLANT - MRC G3N1		MJC: EXECIIT4	Rev Date: 10/14/2010		
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 3	Freq: 24	Equip/Task: 1	Matl Cost: 125	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51426-051) THE A/C PLANT R-114 REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-114 ASSESSMENT IN ACCORDANCE WITH MRC G3N1 AS FOLLOWS: TEST OPERATE PRESSURE AND TEMPERATURE SWITCHES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-51426-052- -AIR COND PLANT FDN - RPR				MJC: EXECQHP2		Rev Date: 5/10/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,000		ManDays: 25		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51426-052)ASSESS AND RPR AC PLANT FOUNDATION(S)	ASSESS AIR CONDITIONING PLANT FOUNDATION(S) FOR STRUCTURAL INTEGRITY AND CORROSION. INSPECT WELDS FOR SIGNS OF DETERIORATION OR SEPARATION. INSPECT ISOLATION MOUNTS (IF INSTALLED) FOR LOOSENESS AND INTEGRITY OF ELASTOMERIC MATERIAL. INSPECT FOR MISSING OR DETERIORATED FOUNDATION MOUNTING HARDWARE. REPAIR FOUNDATION(S) IN ACCORDANCE WITH CONDITIONS FOUND AS REQUIRED. REPORT CONDITIONS FOUND AND REPAIRS ACCOMPLISHED TO SHIPS CSMP

Task/Abbreviation: Q-51611-003- -SS REFR COMPR - RPR			MJC: EXECQ752		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 3	Removal Required: NO
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51611-003)COMPRESSOR REQUIRES REPAIR	DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE SHIP SERVICE REFRIGERATION PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH REPAIRS. MEASURE AND RECORD AS-FOUND AND POST-REPAIR DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF CONNECTING RODS, CRANKSHAFT AND PISTON ASSEMBLIES. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW GASKETS AND SEALS. REPLACE MISSING OR DAMAGED FASTENERS. ALIGN MOTOR TO COMPRESSOR. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE AND GRIND CRANKSHAFT JOURNALS. B. REPLACE CRANKSHAFT, CRANKSHAFT BEARINGS, CRANKPIN BEARING INSERTS, AND PISTON RING SETS. C. REPLACE OR REBUSH WRIST PINS. D. RESURFACE VALVE PLATES AND REPLACE VALVE STRIPS. E. HONE CYLINDERS. F. REPAIR UNLOADER ASSEMBLY. G. REPAIR LUBE OIL PUMP ASSEMBLY. NOTE: USE SWT 516-02 FOR GUIDANCE.

Task/Abbreviation: Q-51611-004- -SS REFR COND - RPR			MJC: EXECQ553		Rev Date: 11/8/2002
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51611-004)CONDENSER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE CONDENSER OF THE REFRIGERATION PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS & AS DESIGNATED. HYDRO SHELL & TUBE SIDES & REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECT. REPORT CONDITIONS FOUND TO NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS & REPLACE MISSING/UNSERVICEABLE FASTENERS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. REROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REMOVE CONDENSER TO SHOP FOR REPAIRS. H. REPLACE TUBE SHEETS. I. REPAIR TUBE SUPPORT PLATES. J. ACCOMPLISH STRUCTURAL REPAIRS TO SHELL. K. ACCOMPLISH STRUCTURAL REPAIRS TO HEADS. L. REPLACE HEADS.

Task/Abbreviation: Q-51611-012- -SS REFR PLT - RPR AND TST			MJC: EXECQAW0		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51611-012)REFRIGERATION PLANT REQUIRES REPAIR	TEST AND REPAIR THE SHIPS SERVICE REFRIGERATION PLANT PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING, ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. REMOVE AND STORE REFRIGERANT. B. REMOVE LAGGING AND INSULATION AND REPLACE WITH NEW ON COMPLETION OF REPAIRS. C. REMOVE, REPAIR & INSTALL SALT WATER REGULATING VALVES. D. PRESSURE TEST CONDENSER AND PIPING. REPAIR SYSTEM LEAKS. REROLL LEAKING CONDENSER TUBES. E. DISASSEMBLE COMPRESSOR. CLEAN AND INSPECT PARTS FOR WEAR AND DEFECTS. ASSEMBLE COMPRESSOR USING NEW PARTS FOR THOSE FOUND DEFECTIVE. F. REPAIR OR REPLACE WITH NEW THERMOMETERS AND GAGES. NOTE: USE SWWG TEMPLATES 516-01 AND 516-11 FOR GUIDANCE.

Task/Abbreviation: Q-51611-020- -SS REFR COND - PLUG TB				MJC: EXECJ570		Rev Date: 7/14/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 14		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51611-020)CONDENSER TUBES REQUIRE PLUGGING	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51611-021- -SS REFR COND - RPR HEADS				MJC: EXECJ571		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51611-021)CONDENSER REQUIRES REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR HEADS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51611-022- -SS REFR COND - RPR SHELL				MJC: EXECJ572		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51611-022)CONDENSER REQUIRES REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51611-023- -SS REFR COND - REPL TB			MJC: EXECJ573		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51611-023)CONDENSER TUBES REQUIRE REPLACEMENT	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51611-024- -SS REFR COND - REPL ZINCS				MJC: EXECJ574		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-51611-024)ZINCS REQUIRE REPLACEMENT				REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-51611-025- -SS REFR COND - REROLL TB			MJC: EXECJ575		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51611-025)CONDENSER TUBES REQUIRE REROLLING	HYDROSTATICALLY TEST CONDENSER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51611-026- -SS REFR COND - RPR TB SH			MJC: EXECJ576		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 18	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51611-026)CONDENSER TUBE SHEETS REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51611-027- -SS REFR COND-REPL TB BUNDLE				MJC: EXECJ577		Rev Date: 7/14/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51611-027)CONDENSER TUBE BUNDLE REQUIRES REPLACEMENT	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51611-028- -SS REFR COND-RPR SPRT PLATES				MJC: EXECJ578		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 18		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51611-028)CONDENSER TUBE SUPPORT PLATES REQUIRE REPAIR	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE CONDENSER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51611-029- -SS REFR COMPR MOT-RWND				MJC: EXECJB01		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,296		ManDays: 27		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51611-029)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE REFRIGERATION COMPRESSOR ELECTRIC MOTOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51611-030- -SS REFR COMPR MOT-RPR				MJC: EXECJB02		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,296		ManDays: 27		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51611-030)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE REFRIGERATION COMPRESSOR ELECTRIC MOTOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-51611-031- -SS REFR COMPR MOT BRG-REPL				MJC: EXECJB03		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 848		ManDays: 14		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51611-031)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE REFRIGERATION COMPRESSOR ELECTRIC MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-51611-032- -SS REFR MOT TO COMPR - ALIGN			MJC: EXECJAH0		Rev Date: 5/31/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51611-032)COMPRESSOR MOTOR OF SHIP SERVICE REFRIGERATION PLANT REQUIRES ALIGNMENT	DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE SHIP SERVICE REFRIGERATION PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH ALIGNMENT. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 516-02 FOR GUIDANCE.

Task/Abbreviation: Q-51611-033- -SS REFR COMPR (VLV PL) - RPR				MJC: EXECJAH1		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,250		ManDays: 50		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51611-033)VALVE PLATE REQUIRES RESURFACE.	DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE SHIP SERVICE REFRIGERATION PLANT TO THE EXTENT NECESSARY TO RESURFACE VALVE PLATES AND REPLACE VALVE STRIPS. REASSEMBLE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 516-02 FOR GUIDANCE.

Task/Abbreviation: Q-51611-034- -SS REFR COMPR (UNLOADER) - RPR			MJC: EXECJAH2		Rev Date: 5/25/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,250	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51611-034)UNLOADER ASSEMBLY REQUIRES REPAIR	DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE SHIP SERVICE REFRIGERATION PLANT TO THE EXTENT NECESSARY TO REPAIR THE UNLOADER ASSEMBLY. REASSEMBLE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 516-02 FOR GUIDANCE.

Task/Abbreviation: Q-51611-035- -SS REFR COMPR (LO PMP) - RPR				MJC: EXECJAH3		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,250		ManDays: 50		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:		Problem Description:		Recommended Solution:	
BASELINE		(Q-51611-035)PUMP REQUIRES REPAIR		DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE SHIP SERVICE REFRIGERATION PLANT TO THE EXTENT NECESSARY TO REPAIR THE LUBE OIL PUMP ASSEMBLY. REASSEMBLE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 516-02 FOR GUIDANCE.	

Task/Abbreviation: Q-51611-036- -SS REFR COMPR (LO PMP) - REPL				MJC: EXECJAH4		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,250		ManDays: 50		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-51611-036)PUMP REQUIRES REPLACEMENT				DISASSEMBLE THE COMPRESSOR (RECIPROCATING) OF THE SHIP SERVICE REFRIGERATION PLANT TO THE EXTENT NECESSARY TO REMOVE AND REPLACE WITH NEW, THE LUBE OIL PUMP ASSEMBLY. REASSEMBLE AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 516-02 FOR GUIDANCE.					

Task/Abbreviation: I-51611-037- -REFR PLT - MRC G1M1**MJC:** EXECI944**Rev Date:** 12/22/2005**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:(I-51611-037)THE REFRIGERATION PLANT
REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE REFRIGERATION PLANT ASSESSMENT IN
ACCORDANCE WITH MRC G1M1 AS FOLLOWS: 1. INSPECT AND
RECORD REFRIGERATION PLANT OPERATING AND MAINTENANCE
HISTORY. 2. INSPECT MATERIAL CONDITION OF REFRIGERATION
PLANT. 3. INSPECT AND RECORD REFRIGERANT MONITOR
CONFIGURATION STATUS. 4. TEST REFRIGERATION PLANT FOR
LEAKS. 5. INSPECT REFRIGERATION PLANT DRIVE BELTS. REPORT
CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: D-51611-042- -SHIPALT LHD1-03102D - ACCOMP				MJC: EXSAD448		Rev Date: 2/17/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 5,000		ManDays: 500		Alt No: SALHD 03102 D	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-51611-42) SHIPALT LHD1-03102D, REFRIGERATION PLANT MODS, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-03102D, REFRIGERATION PLANT MODS, WHICH INSTALLS SEVERAL MODIFICATIONS TO THE SHIPS STORES REFRIGERATION SYSTEM TO IMPROVE OPERATION, RELIABILITY AND REDUCE SYSTEM MAINTENANCE.

Task/Abbreviation: I-51611-044- -RSS COMPR VIB TST - MRC G1P1				MJC: EXECIGG5		Rev Date: 8/4/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-51611-044)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-51611-047- -SHIPALT LHD1-72101K - ACCOMP**MJC:** EXSAK834**Rev Date:** 2/19/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10**ManDays:** 10**Alt No:** SALHD 72101 K**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-51611-47) SHIPALT LHD1-72101K, CONVERT
CFC-12 SHIP STORES REF, NOT ACCOMPLISHED

ACCOMPLISH SHIPALT LHD1-72101K REPLACES THE THREE (3) EXISTING CARRIER 5MH46 COMPRESSORS WITH CARRIER 5MH66-874 HFC-134A REFRIGERANT READY COMPRESSORS, AND REPLACES THE 30 HP MOTORS WITH 50 HP MOTORS. THIS SCD ALSO REMOVES THE EXISTING R-12 REFRIGERANT (USING AN EPA-APPROVED REFRIGERANT RECOVERY UNIT) AND REPLACES THE R-12 REFRIGERANT WITH HFC-134A REFRIGERANT. THE COMPRESSOR OIL IS REMOVED AND REPLACED WITH POE OIL SUITABLE TO OPERATE WITH HFC-134A REFRIGERANT. THE THERMAL EXPANSION VALVE (TXV) POWER ASSEMBLIES ARE CHANGED TO HFC-134A COMPATIBLE POWER ASSEMBLIES. THE DEHYDRATOR CARTRIDGE IS REPLACED WITH AN HFC-134A COMPATIBLE MOLECULAR SIEVE. THE LIQUID LINE STRAINERS ARE REPLACED WITH FILTER DRIERS. THE FOLLOWING NEW ITEMS ARE INSTALLED: OIL COOLER, CRANKCASE HEATER, SOLENOID VALVE, OVERLOAD RELAY HEATERS, CIRCUIT BREAKERS, TRIP ELEMENTS, ELECTRICAL CABLING, OIL COOLER MANIFOLD, VIBRATION ELIMINATORS, SIGHT GLASS INDICATORS, AND CRANKCASE THERMOMETER. INSTALLED RESILIENT MOUNTS WILL SUPPORT THE INCREASED WEIGHT OF THE ALTERATION AND SUFFICIENT ROOM IS PROVIDED FOR CORRECTIVE AND PREVENTIVE MAINTENANCE.
POC: GREGORY TOMS, 202-781-3653, GREGORY.TOMS@NAVY.MIL

Task/Abbreviation: I-52011-001- -BTFly SEA VLVS - INSP/RPR**MJC:** EXECM117**Rev Date:** 6/27/2007**RCM Analysis:** **Scheduled:** N **Sit Reqs:** D/D**Qty:** X**Removal Required:** YES**Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** X **Matl Cost:** 225 **ManDays:** 5 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 2**Reason:** **Problem Description:**

BASELINE (I-52011-001)NSTM REQUIREMENT DUE

Recommended Solution:

REMOVE THE DESIGNATED BUTTERFLY SEA VALVES TO SHOP AFTER OPERATIONAL IN-PLACE TESTING WITH CORRESPONDING ACTUATORS. DISASSEMBLE VALVES FOR CLEANING AND INSPECTION OF ALL COMPONENTS, INCLUDING SEATING SURFACES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE VALVES USING NEW GASKETS AND SEALS, POLISH AND STRAIGHTEN STEM. REPLACE UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY SHOP-TEST. INSTALL VALVES IN ORIGINAL LOCATION AND ORIENTATION ABOARD SHIP USING NEW GASKETS AND REPLACING UNSERVICEABLE FASTENERS. INSTALL ACTUATORS, IF FITTED, AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST: A. REPLACE BOOT. B. REPLACE VALVE. NOTE: 1. VALVES SMALLER THAN 4 INCHES TO BE REPLACED. 2. USE SMWG TEMPLATE #520-01 FOR GUIDANCE. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-52011-002- -GATE SEA VLVS - INSP/RPR				MJC: EXECM118		Rev Date: 6/27/2007					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: X		Removal Required: YES			
Lvl of Maint: 1		Freq: 0		Equip/Task: X		Matl Cost: 225		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-52011-002)NSTM REQUIREMENT DUE	OPEN, IN-PLACE, DESIG GATE VLVS FOR CLN & INSP OF COMPONENTS. CLN & BLUE-CHECK SEAT CONTACT SURFACES. ACCOMP DYE PENETRANT CHECK OF SEAT & DISC. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMP OF RPRS, AS AUTH FROM FOLLOWING LIST, REASSEM VLVS USING NEW PACKING & REPL UNSERV FASTENERS. PROVE TIGHT. A. REMOVE BONNET ASSEMBLY TO SHOP. B. WELD BUILD-UP GATE AND MACHINE. C. WELD BUILD-UP AND MACHINE SEAT IN-PLACE. D. WELD BUILD-UP AND MACHINE BONNET FLANGES. E. WELD BUILD-UP AND MACHINE GUIDES. F. REPLACE SEAT RINGS. G. DRESS VLV STEM IN WAY OF PKNG AREA & CHASE THREADS. H. REPLACE VALVE STEM. I. REPLACE GUIDES. J. REPLACE VALVE. K. REMOVE VALVE TO SHOP TO ACCOMPLISH REPAIRS. NOTES: 1. REPLACE VALVES 6 INCHES OR SMALLER. 2. INCLUDE RODMETER SEA VALVE. 3. USE SWT TEMPLATE 520-01 FOR GUIDANCE. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-52011-003- -GLOBE SEA VLVS - INSP/RPR				MJC: EXECM119		Rev Date: 6/27/2007		
RCM Analysis:		Scheduled: N	Sit Reqs: D/D		Qty: X		Removal Required: YES	
Lvl of Maint: 1		Freq: 0	Equip/Task: X	Matl Cost: 225	ManDays: 5		Alt No:	
Referenced Authority:			Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-52011-003)NSTM REQUIREMENT DUE	OPEN DESIG GLOBE VLVS IN PLACE.CLN, BLUE CHK SEAT & DISC CONTACT SURFACES & ACCOMP DYE PENETRANT CHK. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPL OF RPRS, AS AUTH FROM FOLLOWING LIST, REASSEM VLVS USING NEW PKG & REPL UNSERVICEABLE FASTENERS. PROVE TIGHT & ACCOMP OP TEST: A. RMV BONNET/DISC ASSY TO SHOP. WELD DISC & REMACH. B. WELD BUILD UP AND MACH SEAT IN PLACE. C. WELD BUILD UP AND MAC BONNET FLANGES. D. INST REPLACEMENT SEAT RINGS. E. DRESS VLV STEM IN WAY OF PKG AREA & CHASE THDS. F. REPL VLV STEM. G. REPL VLV. H. RMV VLV TO SHOP TO ACCOMP RPRS. I. PROV & INSTL REPLACEMENT DISC & SEAT & MACH, GRIND OR LAP AND SPOT-IN DISC TO SEAT. J. CONNECT VLV ACTUATORS TO CORRESPONDING VLVS & SET TRAVEL LIMITS AND INDICATORS. NOTE: 1. REPLACE VALVES 4 INCHES OR SMALLER. 2. USE SWT TEMPLATE 520-01 FOR GUIDANCE." PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-52011-004- -SEA VLV ACTR SHOP - INSP/RPR			MJC: EXECQ516		Rev Date: 2/26/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: X	Removal Required: YES	
Lvl of Maint: 1	Freq: 0	Equip/Task: X	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52011-004)VALVE ACTUATOR REQUIRES REPAIR	OPERATIONALLY TEST THE VALVE ACTUATORS INPLACE PRIOR TO REMOVAL FOR (IN SHOP) REPAIRS. DISASSEMBLE OPERATOR ASSEMBLY FOR INSPECTION OF COMPONENTS. REPORT CONDITIONS FOUND TO THE NSA. REPAIR AS AUTHORIZED. REASSEMBLE OPERATOR ASSEMBLY USING NEW GASKETS, SEALS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS, LUBRICATE AND ADJUST. CONNECT VALVE ACTUATORS TO CORRESPONDING VALVE AND SET VALVE TRAVEL LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-52011-005- -SEA VLVS - ASSESS - MRC T2BJ				MJC: EXECI120		Rev Date: 10/27/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: X		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: X		Matl Cost:		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-52011-005)SEA VALVES REQUIRE ASSESSMENT				ACCOMPLISH SEA VALVE ASSESSMENT PER MRC T2BJ. 1. INSPECT SEA WATER SYSTEM HULL DISCHARGE, SUCTION, SEA CHEST BLOWOUT AND VENT VALVES; VERIFYING INSTALLATION OF WASTER SLEEVE AT SEAWARD SIDE OF HULL VALVES. REPORT CONDITIONS FOUND TO SHIP'S CSMP.					

Task/Abbreviation: Q-52011-006- -BTFly SEA VLVS-RPR/REPL				MJC: EXECQBJ8		Rev Date: 6/9/2009				
RCM Analysis:		Scheduled: N	Sit Reqs: D/D		Qty: X		Removal Required:			
Lvl of Maint: 1		Freq: 0	Equip/Task: X		Matl Cost: 225		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:		MCC: 2				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52011-006)BUTTERFLY SEA VALVE REQUIRES REPAIR	REPAIR THE DESIGNATED BUTTERFLY SEA VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-46. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, REASSEMBLE VALVES USING NEW BUSHINGS, SEALS, VALVE LINER, SEAT ASSEMBLIES AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: 1. REPLACE VALVES 4 INCHES OR SMALLER. 2. USE SWT 520-01 FOR GUIDANCE.

Task/Abbreviation: Q-52011-007- -GATE SEA VLVS - RPR/REPL**MJC:** EXECQ122**Rev Date:** 6/9/2009**RCM Analysis:** **Scheduled:** N **Sit Reqs:** D/D**Qty:** X**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** X **Matl Cost:** 225 **ManDays:** 5 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 2**Reason:** **Problem Description:**
BASELINE (Q-52011-007)GATE SEA VALVE REQUIRES REPAIR**Recommended Solution:**
REPAIR THE DESIGNATED GATE SEA VALVE IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-47. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, REASSEMBLE VALVES USING NEW GASKETS, PACKING AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: 1. REPLACE VALVES 6 INCHES AND SMALLER. 2. INCLUDE RODMETER SEA VALVE. 3. USE SWT 520-01 FOR GUIDANCE.

Task/Abbreviation: Q-52011-008- -GLOBE SEA VLVS - RPR/REPL				MJC: EXECQBJ9		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: X		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: X		Matl Cost: 225		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52011-008)GLOBE SEA VALVE REQUIRES REPAIR	REPAIR THE DESIGNATED GLOBE SEA VALVE IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD 009-51. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, REASSEMBLE VALVES USING NEW GASKETS, PACKING AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. HYDROSTATICALLY TEST VALVES AND PROVE SEAT TIGHTNESS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: 1. REPLACE VALVES 4 INCHES OR SMALLER. 2. USE SWT 520-01 FOR GUIDANCE.

Task/Abbreviation: I-52011-013- -BALL SEA VLVS - INSP/RPR**MJC:** EXECM006**Rev Date:** 12/28/2005**RCM Analysis:** **Scheduled:** N **Sit Reqs:** D/D**Qty:** TBD**Removal Required:** YES**Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** X **Matl Cost:** 225 **ManDays:** 5 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:** **Problem Description:**

BASELINE (I-52011-013)NSTM REQUIREMENT DUE

Recommended Solution:

REMOVE THE DESIGNATED BALL SEA VALVES TO SHOP AFTER OPERATIONAL IN-PLACE TESTING WITH CORRESPONDING OPERATING GEAR, IF FITTED. DISASSEMBLE VALVES FOR CLEANING AND INSPECTION OF ALL COMPONENTS, INCLUDING SEATING SURFACES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE VALVES USING NEW O-RINGS, PACKING, GASKETS, BALL AND SEATS, POLISH BALL AND SEATING SURFACE. REPLACE UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY SHOP-TEST. INSTALL VALVES IN ORIGINAL LOCATION AND ORIENTATION ABOARD SHIP USING NEW GASKETS AND TEST FOR SEAT TIGHTNESS. INSTALL OPERATING GEAR, IF FITTED, AND ACCOMPLISH A SATISFACTORY OPERATIONAL AND HYDROSTATIC TEST: A. REPLACE VALVE. NOTE: 1. REPLACE VALVES 4 INCHES OR SMALLER. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-52011-015- -CRIT GATE SEA VLVS - RPR**MJC:** EXECM011**Rev Date:** 8/26/2005**RCM Analysis:** **Scheduled:** N **Sit Reqs:** D/D**Qty:** X**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** X **Matl Cost:** 1,500 **ManDays:** 5 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:**

BASELINE

Problem Description:

(Q-52011-015)CRIT GATE SEA VLVS REQ RPR

Recommended Solution:

REMOVE DESIG CRITICAL GATE SEA VALVE TO SHOP. DISASSEMBLE, CLEAN AND INSPECT EACH PART FOR WEAR OR DEFECTS. MEASURE AND RECORD SIZES AND CLEARANCES. SUBMIT A REPORT OF CONDITIONS FOUND TO THE SHIP'S CSMP. POLISH AND STRAIGHTEN STEM. MACHINE, GRIND, OR LAP AND SPOT-IN GATE TO SEATS TO OBTAIN A 360-DEGREE CONTINUOUS CONTACT. REASSEMBLE VALVE USING NEW GASKETS, PACKING & FASTENERS. INSTALL VALVE USING NEW GASKETS, PACKING & FASTENERS. ADJUST AND ALIGN PIPING TO VALVE. OP TEST VALVE PRIOR TO FLOODING THE DOCK. VISUALLY INSPECT VALVE WHILE FLOODING THE DOCK. ALLOWABLE LEAKAGE AT STEMS AND NEW OR DISTURBED JOINTS: NONE. INSTALL NEW CRES I.D. PLATE. SUBMIT REPORT LISTING VALVE I.D., SIZE, TYPE & LOCATION. NOTE: 1. REPLACE VALVE IF VALVE SIZE IS LESS THAN OR EQUAL TO 6 INCHES IPS. 2. USE SWT TEMPLATE 520-01 FOR GUIDANCE. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-52011-016- -CRIT GLOBE SEA VLVS-RPR**MJC:** EXECM012**Rev Date:** 8/26/2005**RCM Analysis:** **Scheduled:** N **Sit Reqs:** D/D**Qty:** X**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** X **Matl Cost:** 1,500 **ManDays:** 5 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:** **Problem Description:**

BASELINE (Q-52011-016)NSTM REQUIREMENT DUE

Recommended Solution:

REMOVE DESIG CRITICAL GLOBE SEA VALVE TO SHOP. DISASSEMBLE, CLEAN AND INSPECT EACH PART FOR WEAR OR DEFECTS. MEASURE AND RECORD SIZES AND CLEARANCES. SUBMIT A REPORT OF CONDITIONS FOUND TO SHIP'S CSMP. POLISH AND STRAIGHTEN STEM. MACHINE, GRIND, OR LAP AND SPOT-IN DISC TO SEATS TO OBTAIN A 360-DEGREE CONTINUOUS CONTACT. REASSEMBLE VALVE USING NEW GASKETS, PACKING AND FASTENERS. INSTALL VALVE USING NEW GASKETS, PACKING AND FASTENERS. ADJUST AND ALIGN PIPING TO VALVE. OP TEST VALVE PRIOR TO FLOODING THE DOCK. VISUALLY INSPECT VALVE WHILE FLOODING THE DOCK. ALLOWABLE LEAKAGE AT STEMS AND NEW OR DISTURBED JOINTS: NONE. INSTALL NEW CRES I.D. PLATE. SUBMIT REPORT LISTING VALVE I.D., SIZE, TYPE AND LOCATION. NOTE:1. REPLACE VALVE IF VALVE SIZE IS LESS THAN OR EQUAL TO 4 INCHES IPS. 2. USE SMWG TEMPLATE #520-01 FOR GUIDANCE. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-52011-028- -SEA VLV ACTR - REPL			MJC: EXECJ136		Rev Date: 6/9/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: X	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52011-028)VALVE ACTUATOR REQUIRES REPLACEMENT	REPLACE VALVE ACTUATOR PER CONDITION ASSESSMENT RECOMMENDATIONS. CONNECT VALVE ACTUATOR TO CORRESPONDING VALVE AND SET VALVE TRAVEL LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-52111-003- -FIREMAIN PP - UT**MJC:** EXECI182**Rev Date:** 2/26/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** X**Removal Required:** NO**Lvl of Maint:** 2**Freq:** 0**Equip/Task:** X**Matl Cost:** 450**ManDays:** 9**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-52111-003)THE FIREMAIN SYSTEM PIPING
REQUIRES ULTRASONIC TESTINGULTRASONICALLY-TEST THE FIREMAIN SYSTEM PIPING AS
FOLLOWS: A. CLEAN PIPING TO BARE METAL AT AREAS TO BE
TESTED. B. OBTAIN FOUR (4) READINGS AT EACH SELECTED AREA,
NINETY DEGREES (90 DEGS) APART IN THE FOLLOWING AREAS: 1.
AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS
ADJACENT TO HANGERS AND EXTERNAL CORROSION. 3. WHERE
PIPE SIZE REDUCES C. PRESERVE DISTURBED PIPING AREAS D.
REPORT CONDITIONS FOUND TO SHIP'S CSMP. NOTES: 1.
ULTRASONIC TESTING NOT REQUIRED ON MONEL PIPING. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: Q-52111-005- -FIREMAIN GATE VLVS - RPR/REPL			MJC: EXECQ519		Rev Date: 3/25/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: X	Removal Required: YES	
Lvl of Maint: 1	Freq: 0	Equip/Task: X	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52111-005)FIREMAIN GATE VALVE(S) REQUIRE REPAIR OR REPLACEMENT.	REMOVE THE DESIGNATED GATE VALVE(S) OF THE FIREMAIN SYSTEM TO THE SHOP AFTER OPERATIONAL IN-PLACE TESTING WITH CORRESPONDING ACTUATORS. ACCOMPLISH REPAIRS IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-47. REPLACE VALVE(S) SMALLER THAN 6 INCHES. REINSTALL REMOVED VALVE(S) AND OPERATIONAL TEST.

Task/Abbreviation: Q-52111-006- -FIREMAIN GLOBE VLVS - RPR/REPL		MJC: EXECQ520	Rev Date: 3/25/2010		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: X	Removal Required: YES	
Lvl of Maint: 1	Freq: 0	Equip/Task: X	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52111-006)FIREMAIN GLOBE VALVE(S) REQUIRE REPAIR OR REPLACEMENT.	REMOVE THE DESIGNATED GLOBE VALVE(S) OF THE FIREMAIN SYSTEM TO THE SHOP AFTER OPERATIONAL IN-PLACE TESTING WITH CORRESPONDING ACTUATORS. ACCOMPLISH REPAIRS IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-51. REPLACE VALVE(S) SMALLER THAN 6 INCHES. REINSTALL REMOVED VALVE(S) AND OPERATIONAL TEST.

Task/Abbreviation: Q-52111-007- -FIREMAIN ACTRS - INSP/RPR**MJC:** EXECQ521**Rev Date:** 4/19/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** X**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** X**Matl Cost:** 225**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-52111-007)FIREMAIN VALVE ACTUATORS
REQUIRE REPAIR.REMOVE FIRMAIN VALVE ACTUATOR(S) TO THE SHOP FOR
REPAIRS. UPON COMPLETION OF REPAIRS, AS AUTHORIZED FROM
THE FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, SEALS
AND REPLACE UNSERVICEABLE FASTENERS. CONNECT VALVE
ACTUATORS TO CORRESPONDING VALVES AND SET VALVE TRAVEL
LIMITS AND INDICATORS. ACCOMPLISH A SATISFACTORY
OPERATIONAL TEST: MECHANICAL A. DISASSEMBLE MECH
OPERATOR ASSY FOR INSP. REPORT CONDITIONS FOUND TO
SHIP'S CSMP. REPAIR AS AUTHORIZED. REASSEM OPERATOR
ASSY, LUBRICATE & ADJUST. HYDRAULIC B. ACCOMP SHOP OP
TEST OF VALVE OPERATOR ASSY. DISASSEMBLE OPERATOR FOR
INSP OF COMPONENTS. REPORT CONDITIONS FOUND TO SHIP'S
CSMP. REPAIR AS AUTHORIZED. REASSEM OPERATOR ASSY AND
HYDRO AS REQUIRED. ELECTRICAL C. DISASSEMBLE, CLN, INSP &
TEST ELECTRICAL & MECH COMPONENTS. REPORT CONDITIONS
FOUND TO SHIP'S CSMP. REPAIR AS AUTHORIZED. REASSEM
OPERATOR ASSY.

Task/Abbreviation: D-52111-025- -SHIPALT LHD1-03100D - ACCOMP			MJC: EXSAD356		Rev Date: 3/4/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty:	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 71,400	ManDays: 363	Alt No: SALHD 03100 D
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-52111-25) SHIPALT LHD1-03100D, FIREMAIN PRESSURE REG SYS INST, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03100D WHICH INSTALLS A SINGLE 5 INCH PRESSURE CONTROL VALVE SET TO OPEN AT A PRESSURE EQUIVALENT TO 160 (10 PSI ABOVE DESIGN PRESSURE) PSIG AT THE FIRE PUMP LEVEL IN ORDER TO ALLOW THE FIREMAIN TO OPERATE AT ITS DESIGN PRESSURE.

Task/Abbreviation: Q-52111-028- -FIREMAIN PP - REPL				MJC: EXECQBD1		Rev Date: 5/7/2003					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 8,000		ManDays: 100		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-52111-028)FIREMAIN PIPING REQUIRES REPLACEMENT				REPLACE DESIGNATED 90/10 CU-NI PIPING IN THE FIREMAIN SYSTEM USING 70/30 CU-NI PIPING. CONDUCT NDT OF NEW PIPING					

Task/Abbreviation: I-52111-029- -FIRE MAIN - MRC P39L			MJC: EXECI264		Rev Date: 8/29/2007					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-52111-029)THE FIRE MAIN REQUIRES ASSESSMENT.	ACCOMPLISH THE FIRE MAIN ASSESSMENT IN ACCORDANCE WITH MRC P39L AS FOLLOWS: 1. CLEAN, INSPECT, AND LUBRICATE MANUAL VALVE OPERATOR GEARCASE AND REMOTE OPERATING/INDICATING GEAR. 2. INSPECT AND LUBRICATE INTERMEDIATE GEAR(S). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-52121-001- -FIRE PMP UNIT - OP CHK			MJC: EXECI183		Rev Date: 2/7/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 12	Removal Required: NO
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-52121-001)THE FIREMAIN AND FLUSHING PUMP UNIT REQUIRES AN OPERATIONAL CHECK	OPERATIONALLY CHECK THE FIREMAIN AND FLUSHING SYSTEM PUMP UNIT IN ACCORDANCE WITH THE APPLICABLE TECHNICAL MANUAL. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-52121-003- -FIRE PMP (CPLD) - RPR**MJC:** EXECQ523**Rev Date:** 11/6/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 12**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,980**ManDays:** 44**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-52121-003)PUMP REQUIRES REPAIR

DISCONNECT THE PUMP COUPLING AND REMOVE THE PUMP TO THE SHOP. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT A VIBRATION TEST. P. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-52121-005- -FIRE PMP (CC) - RPR**MJC:** EXECQ525**Rev Date:** 2/27/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 12**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,980**ManDays:** 44**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-52121-005)PUMP REQUIRES REPAIR

REMOVE THE CENTRIFUGAL PUMP UNIT (CLOSE-COUPLED) TO THE SHOP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-52121-010- -FIRE PMP TURB - RPR			MJC: EXECQ530		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required: YES	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,465	ManDays: 76	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52121-010)TURBINE REQUIRES REPAIR	OPEN TURBINE CASING AND REMOVE THE ROTATING ASSEMBLY TO SHOP. CLEAN AND INSPECT ALL PARTS. REPORT CONDITIONS FOUND TO THE NSA. BLAST CLEAN TURBINE ROTOR WITH ALUMINUM OXIDE. DYE-CHECK ROTOR ASSEMBLY BLADING/SHROUDS FOR CRACKS. CLEAN AND DYE-CHECK STATIONARY BLADING NOZZLES IN PLACE. DYNAMICALLY BALANCE ROTOR ASSEMBLY. UPON COMPLETION OF REPAIRS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW GASKETS AND JOINTING COMPOUND. MEASURE AND RECORD ALL AS RELEASED RUNNING CLEARANCES AND ALIGNMENT DATA. SHIP'S FORCE WILL CONDUCT OPERATIONAL TEST. A. CHROME/MACHINE JOURNALS. B. REMOVE STATIONARY BLADING/NOZZLES, DRESS AND REPAIR. C. DISMANTLE INLET STEAM CONTROL VALVE ASSEMBLY. INSPECT AND PROVIDE REPORT. DYE-CHECK/BLUE SEATS AND REPAIR AS NEEDED. D. REMOVE AND DISMANTLE ATTACHED LUBE OIL PUMP. E. REBABBIT/REPLACE JOURNAL/THRUST BEARINGS. F. REPLACE OIL DEFLECTORS. G. REPAIR OIL COOLER. H. REPLACE SEALS/CARBON PACKING. I. REPLACE THRUST COLLAR.

Task/Abbreviation: Q-52121-013- -FIRE PMP TURB GOV - RPR				MJC: EXECQ759		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 25	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52121-013)GOVERNOR REQUIRES REPAIR	ACCOMPLISH AUTHORIZED REPAIRS TO THE MECHANICAL SPEED GOVERNOR OF THE FIREMAIN AND FLUSHING PUMP UNIT (STEAM TURBINE-DRIVEN) PER CONDITION ASSESSMENT AND/OR FTSC/OEM RECOMMENDATIONS. DISCONNECT GOVERNOR LINKAGE, TUBE FITTINGS, ELECTRICAL WIRING AND MOUNTING FLANGE. SHIP TO A QUALIFIED MAINTENANCE FACILITY FOR TEST STAND EVALUATION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, ASSEMBLE COMPONENTS USING NEW GASKETS, O-RINGS, RETAINING RINGS AND SEALS AND ENSURE OIL PASSAGES ARE FREE FROM FOREIGN MATTER. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY POST-REPAIRS TEST STAND TEST. REINSTALL GOVERNOR AND CONNECT MOUNTING FLANGE, TUBE FITTINGS, ELECTRICAL WIRING AND LINKAGE. PROVIDE TECHNICAL REPRESENTATIVE FOR IN-PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-52121-014- -FIRE PMP TURB TRIP VLV - RPR			MJC: EXECQ284		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52121-014)TRIP VALVE REQUIRES REPAIR	RPR TRIP VLV ASSY OF THE FIREMAIN AND FLUSHING PUMP (STM TURB DRVN) PER CONDITION ASSESS RECOMMENDATIONS. DISASSEMBLE, INSP AND NDT VALVE ASSY COMPONENTS INCL OPERATING MECHANISM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPL OF RPRS, AS AUTH FROM FOLLOWING LIST, REINSTALL COMPONENTS, REPL GASKETS AND MISSING/ UNSERVICEABLE FASTENERS. TST OPER MECH AND ADJ TRIP DEVICE LINKAGE. ACCOMPLISH A SAT OP TEST. A. RESURFACE VALVE STEM (INCL INTEGRATED PILOT VLV). B. REPLACE VALVE STEM (INCL INTEGRATED PILOT VLV). C. RESURFACE MAIN VALVE. D. REPLACE MAIN VALVE. E. GRIND AND LAP VALVE SEATS (MAIN AND PILOT). F. REPLACE VALVE SEAT (MAIN). G. REPLACE VALVE STEM BUSHING(S). H. REPLACE PILOT VALVE AND PILOT VALVE BUSHING. I. REPLACE DUMP VALVE. J. ENSURE SAT SEAT AND VALVE DISC SURFACE CONTACT. K. REPAIR STEAM STRAINER. L. REPLACE STEAM STRAINER

Task/Abbreviation: Q-52121-015- -FIRE PMP STM CONT VLV - RPR			MJC: EXECQ312		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52121-015)CONTROL VALVE REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE INLET STEAM CONTROL VALVE ASSEMBLY PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. DISASSEMBLE, INSPECT AND NDT VALVE ASSEMBLY, INCLUDING ACTUATOR ASSEMBLY. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. A. REPAIR ACTUATOR ASSEMBLY. B. REPLACE ACTUATOR ASSEMBLY. C. REPAIR VALVES. D. REPLACE VALVES. E. REPAIR VALVE SEATS. F. REPLACE VALVE SEATS. G. REPLACE VALVE STEMS. H. REPLACE NITRATED VALVE STEM BUSHINGS. I. REPLACE LINKAGE PINS. J. REPLACE LINKAGE BUSHINGS. K. REPLACE SPRINGS. SET CRACKING POINT ON VALVE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-52121-027- -FIRE PMP MOT-RWND				MJC: EXECJC39		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 8		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,648		ManDays: 76		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52121-027)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE FIREMAIN PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-52121-028- -FIRE PMP MOT-RPR				MJC: EXECJC40		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 8		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,648		ManDays: 76		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52121-028)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE FIREMAIN PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-52121-029- -FIRE PMP MOT BRG-REPL				MJC: EXECJC41		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 8		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,824		ManDays: 38		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:		Problem Description:		Recommended Solution:	
BASELINE		(Q-52121-029)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT		DISASSEMBLE THE ELECTRIC MOTOR OF THE FIREMAIN PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.	

Task/Abbreviation: Q-52121-030- -FIRE PMP MECH SEAL - REPL				MJC: EXECJBL3		Rev Date: 2/12/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 12		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,980		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-52121-030)PUMP SEAL REQUIRES REPLACEMENT				REPLACE, IN-PLACE, THE CENTRIFUGAL FIREMAIN PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-52121-031- -FIRE PMP WEAR RINGS - REPL			MJC: EXECJBL4		Rev Date: 2/8/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 12	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,980	ManDays: 44	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52121-031)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-52121-032- -FIRE PMP ROTATING ASSY - RPR**MJC:** EXECJBL5**Rev Date:** 2/27/2009**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 12**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 1,980 **ManDays:** 44 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:**

BASELINE

Problem Description:(Q-52121-032)PUMP ROTATING ASSEMBLY
REQUIRES REPAIR**Recommended Solution:**REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING
ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL
COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER
CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN
MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE.
REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER
TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE
ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS,
BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-
REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP
ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.
NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: I-52121-045- -FIRE PMPS VIB TST - MRC G1P1		MJC: EXECIGG9	Rev Date: 5/28/2008		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-52121-045)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-52121-046- -SHIPALT LHD1-71234K - ACCOMP			MJC: EXECQCS8		Rev Date: 5/15/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 71234 K
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-52121-46) SHIPALT LHD1-71234K, NAVY STANDARD TITANIUM FIRE PUMP SPLIT MECHANICAL SEAL, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71234K (EQUIVALENT TO SCD 1234) WHICH WILL INSTALL A SPLIT MECHANICAL SEAL IN THE NAVY STANDARD TITANIUM FIRE PUMP (NSTFP). A REDUCTION IN EQUIPMENT DOWNTIME WILL BE REALIZED. MECHANICAL SEAL REPLACEMENTS CAN BE ACCOMPLISHED IN-PLACE WITHIN AN HOUR WITHOUT DISASSEMBLING THE PUMP AND WITHOUT REMOVING THE UNIT FROM THE SHIP. PUMP AVAILABILITY WILL INCREASE AS MORE IN-PLACE REPAIRS ARE ACCOMPLISHED. THIS ALT WILL BE INSTALLED AS A PROTOTYPE INSTALLATION. POC: BRADLEY SMITH, 202-781-3650, BRADLEY.E.SMITH1@NAVY.MIL

Task/Abbreviation: Q-52211-010- -MAG SPRS - RPR**MJC:** EXECQAM2**Rev Date:** 2/27/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** X**Removal Required:** NO**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** X**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-52211-010)MAGAZINE SPRINKLER REQUIRES REPAIR

REMOVE THE DESIGNATED VALVES (INCLUDING HYDRAULIC-OPERATORS) OF THE MAGAZINE SPRINKLER PIPING SYSTEM TO SHOP AFTER OPERATIONAL IN-PLACE TESTING WITH CORRESPONDING ACTUATORS. DISASSEMBLE VALVES FOR CLEANING AND INSPECTION OF ALL COMPONENTS, INCLUDING SEATING SURFACES. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE VALVES USING NEW GASKETS AND SEALS, POLISH AND STRAIGHTEN STEM. REPLACE UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY SHOP-TEST. INSTALL VALVES IN ORIGINAL LOCATION AND ORIENTATION ABOARD SHIP USING NEW GASKETS AND REPLACING UNSERVICEABLE FASTENERS. INSTALL ACTUATORS, IF FITTED, AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST: A. REPLACE BOOT. B. REPLACE VALVE. NOTE: 1. VALVES SMALLER THAN 4-INCHES TO BE REPLACED. NOTE: ACCOMPLISH REQUIREMENTS OF NAVSEA STANDARD ITEM 009-71.

Task/Abbreviation: Q-52211-013- -MAG SPR CRIT HOSE - REPL			MJC: EXECM150		Rev Date: 6/1/2009	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty:	Removal Required:
Lvl of Maint: 2	Freq: 240	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265						

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52211-013) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE MAGAZINE SPRINKLER CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.	REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE MAGAZINE SPRINKLER CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A. REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B. FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C. REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D. ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E. INSTALL A NEW IDENTIFICATION TAG. F. INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G. ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE. NOTE: DO NOT LET SHIPS FORCE SIGN OFF WITHOUT THE CONCURRANCE OF THE PORT ENGINEER.

Task/Abbreviation: I-52411-008- -AUX SW SYS PP - UT**MJC:** EXECI271**Rev Date:** 2/25/2003**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** X**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** X**Matl Cost:** 450**ManDays:** 9**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-52411-008)THE AUXILIARY SEA WATER COOLING
PIPING REQUIRES ULTRASONIC TESTINGULTRASONICALLY TEST THE AUXILIARY SEA WATER COOLING
PIPING IN MAIN ENGINE ROOMS AS FOLLOWS: A. CLEAN PIPING TO
BARE METAL AT AREAS TO BE TESTED. B. OBTAIN FOUR (4)
READINGS AT EACH SELECTION AREA, NINETY DEGREES (90
DEGREES) APART IN THE FOLLOWING AREAS: 1. AT ALL BENDS
(PARTICULARLY THE OUTSIDE RADIUS) 2. AREAS ADJACENT TO
HANGERS AND EXTERNAL CORROSION 3. WHERE PIPE SIZE
REDUCES C. PRESERVE DISTURBED PIPING AREAS. D. REPORT
CONDITIONS FOUND TO THE SHIP'S CSMP. NOTE: 1. ULTRASONIC
TESTING NOT REQUIRED ON MONEL PIPING. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: I-52411-017- -AUX SW SYS PP - HYDRST TST**MJC:** EXECI328**Rev Date:** 4/27/1999**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 1**Removal Required:** NO**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 60**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-52411-017)THE AUX SW SYSTEM PIPING
REQUIRES HYDROSTATIC TEST

HYDROSTATICALLY TEST THE AUX SW SYSTEM PIPING PRIOR TO AN INDUSTRIAL AVAILABILITY. CLOSE AND SET BOUNDARY VALVES. REMOVE AND/OR ISOLATE COMPONENTS SUBJECT TO DAMAGE BY THE TEST PRESSURE. AS REQUIRED, REMOVE ORIFICE PLATES AND INSTALL JUMPERS IN PLACE OF REMOVED OR ISOLATED COMPONENTS. ACCOMPLISH HYDROSTATIC TEST AT ONE HUNDRED AND THIRTY FIVE PERCENT (135%) OF SYSTEM DESIGN PRESSURE AND HOLD DURING TIME REQUIRED TO VISUALLY INSPECT SYSTEM. NO VISIBLE EXTERNAL LEAKAGE ALLOWED. INSPECT FOR DETERIORATION AND LEAKS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. DRAIN AND PURGE PIPING. REMOVE BLANK FLANGES AND JUMPERS AND REINSTALL ORIFICE PLATES, AS APPLICABLE. LAY-UP SYSTEM USING APPROVED METHOD OR RESTORE TO SERVICE. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-52411-019- -AUX SW SYS PP - CLN				MJC: EXECQAM4		Rev Date: 4/27/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: X		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: X		Matl Cost:		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52411-019)AUXILIARY MACHINERY SEA WATER SYSTEM PIPING REQUIRES CLEANING AND FLUSHING	ACID CLEAN AND FLUSH THE SEA WATER SYSTEM PIPING IN ACCORDANCE WITH NSTM CHAPTER 505.

Task/Abbreviation: I-52421-001- -ASW PMP UNIT - INSP			MJC: EXECI186		Rev Date: 3/19/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 0		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-52421-001)THE AUXILIARY MACHINERY SEA WATER COOLING PUMP UNIT REQUIRES INSPECTION	INSPECT AND TEST THE AUXILIARY MACHINERY SEA WATER COOLING CENTRIFUGAL PUMP UNIT. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G. CONDUCT FLOW TEST. REPORT NEW WORK RESULTING FROM INSPECTION ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-52421-005- -ASW PMP (CC) - RPR**MJC:** EXECQ539**Rev Date:** 11/7/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 0**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-52421-005)PUMP REQUIRES REPAIR

REMOVE THE PUMP UNIT (CLOSE-COUPLED) TO THE SHOP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-52421-010- -ASW PMP MOT-RWND				MJC: EXECJD95		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 0			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-52421-010)ELECTRIC MOTOR REQUIRES REWINDING				REWIND THE ELECTRIC MOTOR OF THE AUXILIARY MACHINERY SEA WATER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-52421-011- -ASW PMP MOT-RPR				MJC: EXECJD96		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 0			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52421-011)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE AUXILIARY MACHINERY SEA WATER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-52421-012- -ASW PMP MOT BRG-REPL				MJC: EXECJD97		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 0			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52421-012)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE DRAINAGE AND BALLASTING SYSTEM PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-52421-022- -ASW PMP (CC) MECH SEAL- REPL			MJC: EXECJDJ3		Rev Date: 11/20/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 0		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52421-022) PUMP MECHANICAL SEAL REQUIRES REPLACEMENT	REPLACE THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-52421-023- -ASW PMP (CC) WEAR RINGS-REPL				MJC: EXECJDJ4		Rev Date: 11/20/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 0			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52421-023)PUMP WEARING RINGS REQUIRE REPLACEMENT	DISASSEMBLE THE AUXILIARY MACHINERY SEA WATER COOLING PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS. B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-52421-024- -ASW PMP (CC) RT ASSY - RPR			MJC: EXECJDJ5		Rev Date: 11/20/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 0		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52421-024)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	DISASSEMBLE THE AUXILIARY MACHINERY SEA WATER COOLING PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY. DISASSEMBLE, CLEAN AND INSPECT ALL ROTATING ASSEMBLY COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: I-52921-001- -DR/BILGE AND BLST PMP - OP CHK				MJC: EXECI187		Rev Date: 2/2/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required: NO			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-52921-001)THE DRAINAGE AND BALLASTING SYSTEM PUMP REQUIRES AN OPERATIONAL CHECK	OPERATIONALLY CHECK THE PUMP IN ACCORDANCE WITH THE APPLICABLE TECHNICAL MANUAL. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-52921-008- -ROTARY VANE DR/BILGE PMP - RPR**MJC:** EXECQ555**Rev Date:** 11/7/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 2,475**ManDays:** 55**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-52921-008)PUMP REQUIRES REPAIR

REMOVE THE ROTARY/VANE PUMP. OPEN, CLN AND INSP PUMP CASING. INSPECT ALL COMPONENTS. RECORD ROTOR & HOUSING BORE DIA, CLEARANCES & RUNOUTS & REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. ACCOMPLISH NDT PUMP SHAFT, ROTOR ASSY, LINER/SLEEVE & DISCS. B. RESURFACE & MACHINE SHAFT JOURNALS IN WAY OF PACKING & BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. RESURFACE & MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. E. STONE/DRESS CASING MATING AND SEALING SURFACE. F. REPLACE PUMP ROTOR SHAFT AND KEY. G. REPLACE PUMP ROTOR ASSY & ENSURE ROTOR TO CASING CLEARANCES. H. REPLACE PUSH RODS AND VANES. I. REPLACE LINER/SLEEVE ASSY. J. REPLACE PUMP CASING AND DISCS. K. REPLACE PUMP TO REDUCTION GEAR COUPLING. L. REPLACE MOTOR TO REDUCTION GEAR COUPLING. M. REPAIR PRESSURE CONTROL VALVE ASSY. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, PACKING, MECHANICAL SEALS, LOCKNUTS, LOCKWASHERS, O RINGS & KEYS. RECORD POST-REPAIR CLEARANCES & RUNOUTS. ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-52921-020- -DR/BILGE PMP MOT-RWND				MJC: EXECJC84		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52921-020)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE DRAINAGE AND BALLASTING SYSTEM PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-52921-021- -DR/BILGE PMP MOT-RPR				MJC: EXECJC85		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52921-021)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE DRAINAGE AND BALLASTING SYSTEM PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-52921-022- -DR/BILGE PMP MOT BRG-REPL				MJC: EXECJC86		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52921-022)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE DRAINAGE AND BALLASTING SYSTEM PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-52921-033- -DR/BILGE PMP ROTOR ASSY - RPL			MJC: EXECJDK6		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,475	ManDays: 55	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52921-033)PUMP ROTOR AND LINER SLEEVE REQUIRES REPLACEMENT	REPLACE THE ROTARY/VANE DRAINAGE AND BALLASTING SYSTEM PUMP ROTOR ASSY AND LINER SLEEVE. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, PACKING, MECHANICAL SEALS, LOCKNUTS, LOCKWASHERS, O RINGS & KEYS. RECORD POST-REPAIR CLEARANCES & RUNOUTS. ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-52921-034- -DR/BILGE PMP HEAD ASSY - RPL				MJC: EXECJDK7		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,475		ManDays: 55		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52921-034)PUMP HEAD ASSEMBLY REQUIRES REPLACEMENT	REPLACE THE ROTARY/VANE DRAINAGE AND BALLASTING SYSTEM PUMP HEAD ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, PACKING, MECHANICAL SEALS, LOCKNUTS, LOCKWASHERS, O RINGS & KEYS. RECORD POST-REPAIR CLEARANCES & RUNOUTS. ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-52921-035- -DR/BILGE PMP VANES - RPL				MJC: EXECJDK8		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,475		ManDays: 55		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52921-035)PUMP ROTOR SLEEVE, RODS AND VANES REQUIRE REPLACEMENT	REPLACE THE ROTARY/VANE DRAINAGE AND BALLASTING SYSTEM PUMP ROTOR SLEEVE, RODS AND VANES. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, PACKING, MECHANICAL SEALS, LOCKNUTS, LOCKWASHERS, O RINGS & KEYS. RECORD POST-REPAIR CLEARANCES & RUNOUTS. ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-52921-036- -DR/BILGE PMP CPLG - RPL				MJC: EXECJDK9		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,475		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52921-036)PUMP COUPLING REQUIRES REPLACEMENT	REPLACE THE ROTARY/VANE DRAINAGE AND BALLASTING SYSTEM PUMP COUPLINGS AS REQUIRED. RECORD POST-REPAIR CLEARANCES & RUNOUTS. ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-52921-037- -DR/BILGE PMP MECH SEAL - RPL				MJC: EXECJDL0		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,475		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52921-037)PUMP SEAL REQUIRES REPLACEMENT	REPLACE THE ROTARY/VANE DRAINAGE AND BALLASTING SYSTEM PUMP MECHANICAL SEAL. RECORD POST-REPAIR CLEARANCES & RUNOUTS. ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-52921-038- -DR/BILGE PMP - RPL				MJC: EXECJDL1		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,475		ManDays: 55		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-52921-038)PUMP REQUIRES REPLACEMENT				ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-52921-043- -HORIZ DR/BLG/BLST PMP-MRC G1F6**MJC:** EXECIFZ0**Rev Date:** 7/13/2009**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-52921-043)THE HORIZONTAL DRAIN/ BILGE/
BALLAST PUMP REQUIRES ASSESSMENT.ACCOMPLISH THE HORIZONTAL DRAIN/ BILGE/ BALLAST PUMP
ASSESSMENT IN ACCORDANCE WITH MRC G1F6 AS FOLLOWS: 1.
MEASURE HORIZONTAL DRAIN/BILGE/BALLAST PUMP SHAFT
ALIGNMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP.
PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND
POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64)
IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-52961-001- -DEBLST AIR COMPR - INSP/TST			MJC: EXECI279		Rev Date: 3/19/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 10	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-52961-001)AIR DEBALLAST COMPRESSOR UNIT REQUIRES INSPECTION	INSPECT AND TEST THE AIR DEBALLAST COMPRESSOR UNIT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. INCLUDE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TEST. C. VIBRATION ANALYSIS SURVEY D. ELECTRICAL INSULATION RESISTANCE TEST. E. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-52961-002- -DEBLST AIR COMPR - RPR**MJC:** EXECQ571**Rev Date:****RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 10**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 3,465**ManDays:** 77**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-52961-002)COMPRESSOR REQUIRES REPAIR

REPAIR AIR DEBALLAST COMPRESSOR PER CONDITION ASSESSMENT RECOMMENDATIONS. DISCONNECT COUPLING AND DISASSEMBLE TO THE EXTENT NECESSARY TO ACCOMPLISH REPAIRS. OPEN COMPRESSOR COVERS, CLEAN AND INSPECT ALL COMPONENTS. RECORD AS FOUND ROTOR AND CYLINDER BORE DIAMETERS, CLEARANCES AND RUNOUTS. REPORT CONDITIONS FOUND TO THE NSA. A. ACCOMPLISH NDT ROTOR/SHAFT ASSEMBLY, HELICAL GEAR AND COUPLING HUBS B. RESURFACE AND MACHINE ROTOR SHAFT BEARING JOURNALS C. STONE/DRESS BEARING HOUSING FIT AREAS. D. STONE/DRESS COMPRESSOR SPIRAL ROTORS AND SHAFT HELICAL GEARS E. RESURFACE AND MACHINE COMPRESSOR CYLINDER BORES. F. STONE/DRESS CYLINDER MATING AND SEALING SURFACES. G. REPLACE COMPRESSOR SPIRAL ROTOR AND SHAFT ASSEMBLIE(S). H. REPLACE COMPRESSOR HELICAL GEARS. I. REPLACE COMPRESSOR HEAD PLATE(S). J. REPLACE COMPRESSOR CYLINDER LOCATING AND DISCHARGE BLIND PLATES K. REPLACE COUPLING. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, SEALS, LOCKNUTS, LOCKWASHERS, O RINGS AND KEYS. RECORD POST REPAIR RUNNING CLEARANCES AND RUNOUTS. ALIGN DRIVER TO COMPRESSOR. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-52961-006- -DEBLST AIR COMPR MOT-RWND				MJC: EXECJC87		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 10		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,648		ManDays: 76		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52961-006)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE AIR DEBALLAST COMPRESSOR ELECTRIC MOTOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-52961-007- -DEBLST AIR COMPR MOT-RPR				MJC: EXECJC88		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 10		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,648		ManDays: 76		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52961-007)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE AIR DEBALLAST COMPRESSOR ELECTRIC MOTOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-52961-008- -DEBLST AIR COMPR MOT BRG-REPL				MJC: EXECJC89		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 10		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,824		ManDays: 38		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52961-008)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE AIR DEBALLAST COMPRESSOR ELECTRIC MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-52961-009- -DEBLST AIR COMPR (SEALS)-REPL				MJC: EXECJAH5		Rev Date: 5/25/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 10		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,465		ManDays: 77		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52961-009)SEAL REQUIRES REPLACEMENT	REPAIR AIR DEBALLAST COMPRESSOR PER CONDITION ASSESSMENT RECOMMENDATIONS. DISASSEMBLE TO THE EXTENT NECESSARY TO ACCOMPLISH REPAIRS. REMOVE GASKETS, BEARINGS AND SEALS. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, SEALS, LOCKNUTS, LOCKWASHERS, O RINGS AND KEYS. RECORD POST REPAIR RUNNING CLEARANCES AND RUNOUTS. ALIGN DRIVER TO COMPRESSOR. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-52961-010- -DEBLST AIR COMPR (COVERS)-REPL			MJC: EXECJAH6		Rev Date: 5/25/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 10	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,465	ManDays: 77	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52961-010)COMPRESSOR COVER REQUIRES REPLACEMENT	REPAIR AIR DEBALLAST COMPRESSOR PER CONDITION ASSESSMENT RECOMMENDATIONS. DISASSEMBLE TO THE EXTENT NECESSARY TO ACCOMPLISH REPAIRS. REMOVE COVERS AND REPLACE WITH NEW. REASSEMBLE UNIT USING NEW GASKETS AND FASTENERS. CHECK FOR LEAKS AND ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-52961-025- -BLST CPRSR VIB TST - MRC G1P1				MJC: EXECIGH2		Rev Date: 8/4/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-52961-025)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-53111-002- -DSTLNG PLT - RPR			MJC: EXECQ573		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,275	ManDays: 95	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-002)THE FLASH-TYPE DISTILLING UNIT REQUIRES REPAIR.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. ACCOMPLISH AUTHORIZED WELD REPAIRS TO EVAPORATOR SHELL AND TUBE SHEETS. B. RETUBE DESIGNATED INTERNAL STAGE HEAT EXCHANGERS. C. PLUG DESIGNATED HEAT EXCHANGER TUBES. D. REPACK HEAT EXCHANGER TUBE ENDS. E. REPLACE DEMISTERS. F. REPAIR/REPLACE BAFFLES. G. CHEMICALLY CLEAN INTERNALS H. MECHANICALLY CLEAN INTERNALS. I. REPLACE RUPTURED DISCS. J. REPLACE VIEW PORT GLASSES. K. REPLACE AIR EJECTOR NOZZLES. L. REPLACE SPRAY CAPS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53111-003- -DSTLNG PLT HEAT EXCHANGER- RPR**MJC:** EXECQ574**Rev Date:** 3/3/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 675**ManDays:** 15**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53111-003)HEAT EXCHANGER REQUIRES REPAIR.

DISASSEMBLE THE HEAT EXCHANGERS OF THE FLASH-TYPE DISTILLING PLANT . CLEAN AND HYDROSTATICALLY-TEST SHELL AND TUBE SIDES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, FASTENERS, ZINCS AND O- RINGS (AS APPLICABLE). REINSTALL HEAT EXCHANGER. PROVE SATISFACTORY OPERATION. A. RE-ROLL DESIGNATED TUBES. B. REPLACE DESIGNATED TUBES. C. REPLACE TUBE SHEETS. D. PLUG DESIGNATED TUBES. E. INSTALL TUBE INSERTS. F. REPAIR TUBE SHEETS. G. REPAIR HEADS. H. ACCOMPLISH STRUCTURAL REPAIRS TO SHELL AND/OR WATERBOXES. I. RECOAT WATERBOXES (DOES NOT APPLY TO CG47 CLASS). J. REMOVE HEAT EXCHANGER TO SHOP FOR REPAIRS. K. REPAIR TUBE SUPPORT PLATES. L. REPLACE SPRAY CAPS.

Task/Abbreviation: Q-53111-004- -CC BRINE PMP - RPR			MJC: EXECQ575		Rev Date: 6/3/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required: YES	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASLINE	(Q-53111-004)THE CLOSE-COUPLED BRINE PUMP (CENTRIFUGAL-TYPE) OF THE FLASH-TYPE DISTILLING PLANT REQUIRE REPAIR.	REMOVE THE PUMP UNIT (CLOSE-COUPLED). OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-006- -CC DSTLT PMP - RPR			MJC: EXECQ577		Rev Date: 6/1/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required: YES	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 990	ManDays: 22	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-006)THE CLOSE-COUPLED DISTILLATE PUMP (CENTRIFUGAL-TYPE) OF THE FLASH-TYPE DISTILLING PLANT REQUIRES REPAIR.	REMOVE THE PUMP UNIT (CLOSE-COUPLED). OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-010- -CC SW HTR CNDS PMP - RPR**MJC:** EXECQ086**Rev Date:** 6/3/2005**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,280**ManDays:** 28**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53111-010)THE CLOSE-COUPLED SALT WATER HEATER CONDENSATE PUMP (CENTRIFUGAL-TYPE) OF THE FLASH-TYPE DISTILLING PLANT REQUIRES REPAIR.

REMOVE THE PUMP UNIT (CLOSE-COUPLED). OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-016- -BRINE PMP - RPR**MJC:** EXECQ544**Rev Date:** 6/3/2005**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,125**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53111-016)THE BRINE PUMP (CENTRIFUGAL) OF THE FLASH-TYPE DISTILLING PLANT REQUIRES REPAIR.

DISCONNECT THE PUMP COUPLING AND REMOVE THE PUMP. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT A VIBRATION TEST. P. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-53111-017- -SW HTR CNDS PMP - RPR**MJC:** EXECQ541**Rev Date:** 6/3/2005**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,280**ManDays:** 28**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53111-017)THE SALT WATER HEATER
CONDENSATE PUMP (CENTRIFUGAL) OF THE
FLASH-TYPE DISTILLING PLANT REQUIRES REPAIR.

DISCONNECT THE PUMP COUPLING AND REMOVE THE PUMP. OPEN
PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD
CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP
SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B.
RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP
SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP
SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR
COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS
AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE
WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY.
K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING
HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M.
MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL
ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT A VIBRATION
TEST. P. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW
GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD
POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO
PUMP. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL
TESTS.

Task/Abbreviation: Q-53111-018- -DSTLT PMP - RPR**MJC:** EXECQAI6**Rev Date:** 6/3/2005**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 990**ManDays:** 22**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53111-018)THE DISTILLATE PUMP
(CENTRIFUGAL) OF THE FLASH-TYPE DISTILLING
PLANT REQUIRES REPAIR.

DISCONNECT THE PUMP COUPLING AND REMOVE THE PUMP. OPEN
PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD
CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP
SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B.
RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP
SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP
SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR
COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS
AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE
WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY.
K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING
HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M.
MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL
ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT A VIBRATION
TEST. P. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW
GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD
POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO
PUMP. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL
TESTS.

Task/Abbreviation: Q-53111-019- -SW FD PMP - RPR**MJC:** EXECQAI8**Rev Date:** 6/3/2005**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,170**ManDays:** 26**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53111-019)THE SW FEED PUMP (CENTRIFUGAL) OF THE FLASH-TYPE DISTILLING PLANT REQUIRES REPAIR.

DISCONNECT THE PUMP COUPLING AND REMOVE THE PUMP. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT A VIBRATION TEST. P. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: A-53111-021- -AER LHD1-02797 - ACCOMP			MJC: EXTYA113		Rev Date: 3/7/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 25,000	ManDays: 192	Alt No: TYLHD 02797
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-53111-21) AER LHD1-02797 "DISTILLING PLANT SEAWATER STRAINERS REPLACEMENT", REQUIRE REPLACEMENT.	ACCOMPLISH AER LHD1-02797E "DISTILLING PLANT SEAWATER STRAINERS REPLACEMENT" WHICH REPLACES THE EXISTING SEAWATER DUPLEX STRAINERS ON THE DISTILLING PLANT FEED PUMP DISCHARGE WITH "HELLAN" TYPE SELF CLEANING STRAINERS TO REDUCE MAINTENANCE AND OPERATIONAL DOWN TIME.

Task/Abbreviation: A-53111-024- -AER LHD1-03097 - ACCOMP			MJC: EXTYA581		Rev Date: 3/7/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: TYLHD 03097
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-53111-24) AER LHD1-03097, UPGRADE EVAPORATOR PUMPS, NOT ACCOMPLISHED	ACCOMPLISH AER LHD1-03097 WHICH REPLACES EXISTING DISTILLING, FEEDWATER-DRAIN, BRINE OVBD AND SALTWATER CIRCULATING PUMPS WITH CHESTERTON PUMPS MADE OF CD4MCU.

Task/Abbreviation: Q-53111-025- -DP HT EXCHR - PLUG TUBES				MJC: EXECJ402		Rev Date: 3/3/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-025)DESIGNATED TUBES OF THE HEAT EXCHANGERS OF THE FLASH-TYPE DISTILLING PLANT REQUIRE REPAIRS.	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR ACCOMPLISHMENT OF TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-026- -DP HT EXCHR - REPLACE BUNDLE				MJC: EXECJ404		Rev Date: 3/3/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-026)TUBE BUNDLE OF THE HEAT EXCHANGERS OF THE FLASH-TYPE DISTILLING PLANT REQUIRE REPLACEMENT.	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-027- -DP HT EXCHR - REPL TUBE			MJC: EXECJ406		Rev Date: 3/3/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-027)DESIGNATED TUBES OF THE HEAT EXCHANGERS OF THE FLASH-TYPE DISTILLING PLANT REQUIRE REPLACEMENT.	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-028- -DP HT EXCHR - REPL ZINCS			MJC: EXECJ408		Rev Date: 3/3/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-028)ZINCS FOR THE HEAT EXCHANGERS OF THE FLASH-TYPE DISTILLING PLANT REQUIRE REPLACING.	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-029- -DP HT EXCHR - REROLL TUBES			MJC: EXECJ410		Rev Date: 3/3/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-029)TUBES OF THE HEAT EXCHANGERS OF THE FLASH-TYPE DISTILLING PLANT REQUIRE REROLLING.	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-030- -DP HT EXCHR - RPR TUBE SHEETS			MJC: EXECJ412		Rev Date: 3/3/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-030)TUBE SHEETS OF THE HEAT EXCHANGERS OF THE FLASH-TYPE DISTILLING PLANT REQUIRE REPAIR.	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-031- -DP HT EXCHR - RPR TUBE SPRT PL			MJC: EXECJ414		Rev Date: 3/3/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-031)THE TUBE SUPPORT PLATES OF THE HEAT EXCHANGERS OF THE FLASH-TYPE DISTILLING PLANT REQUIRE REPAIR.	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-032- -SW HTR CNDS PMP MOT- RWND				MJC: EXECJ960		Rev Date: 6/3/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 216		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-032)THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT SALT WATER HEATER CONDENSATE PUMP REQUIRES REWINDING.	REWIND THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT SALT WATER HEATER CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-033- -SW HTR CNDS PMP MOT-RPR				MJC: EXECJ962		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 156		ManDays: 7		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-033)THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT SALT WATER HEATER CONDENSATE PUMP REQUIRES RECONDITIONING.	RECONDITION THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT SALT WATER HEATER CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-034- -SW HTR CNDS PMP MOT BRG-REPL			MJC: EXECJ964		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 78	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-034)BEARINGS OF THE FLASH-TYPE DISTILLING PLANT SALT WATER HEATER CONDENSATE PUMP ELECTRIC MOTOR, REQUIRE REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT SALT WATER HEATER CONDENSATE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-035- -SW FD PMP MOT-RWND				MJC: EXECJ966		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,740		ManDays: 38		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-035)THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT SALT WATER FEED PUMP REQUIRES REWINDING.	REWIND THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT SALT WATER FEED PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-036- -SW FD PMP MOT-RPR				MJC: EXECJ968		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 420		ManDays: 25		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-036)THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT SALT WATER FEED PUMP REQUIRES RECONDITIONING.	RECONDITION THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT SALT WATER FEED PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-037- -SW FD PMP MOT BRG-REPL				MJC: EXECJ970		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 210		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-037)BEARINGS OF THE FLASH-TYPE DISTILLING PLANT SALT WATER FEED PUMP ELECTRIC MOTOR REQUIRE REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT SALT WATER FEED PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-038- -DSTLT PMP MOT-RWND				MJC: EXECJC63		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 456		ManDays: 16		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-038)THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT DISTILLATE PUMP REQUIRES REWINDING.	REWIND THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT DISTILLATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-039- -DSTLT PMP MOT-RPR			MJC: EXECJC67		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 180	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-039)THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT DISTILLATE PUMP REQUIRES RECONDITIONING.	RECONDITION THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT DISTILLATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-040- -DSTLT PMP MOT BRG-REPL				MJC: EXECJC71		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 90		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-040)BEARINGS OF THE FLASH-TYPE DISTILLING PLANT DISTILLATE PUMP ELECTIC MOTOR REQUIRE REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT DISTILLATE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-041- -BRINE PMP MOT-RWND				MJC: EXECJD26		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,446	ManDays: 31	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-041)THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT BRINE PUMP REQUIRES REWINDING.	REWIND THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT BRINE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-042- -BRINE PMP MOT-RPR				MJC: EXECJD28		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 396		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-042)THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT BRINE PUMP REQUIRES RECONDITIONING.	RECONDITION THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT BRINE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-043- -BRINE PMP MOT BRG-REPL			MJC: EXECJD30		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 198	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-043)BEARINGS OF THE FLASH-TYPE DISTILLING PLANT BRINE PUMP ELECTRIC MOTOR REQUIRE REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT BRINE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-044- -DSTLNG PLT (CHEM) - CLN				MJC: EXECJAA4		Rev Date: 5/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 7,125		ManDays: 95		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-044)THE FLASH-TYPE DISTILLING UNIT REQUIRES CHEMICAL CLEANING.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. CHEMICALLY CLEAN INTERNALS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53111-045- -DSTLNG PLT (MECH) - CLN			MJC: EXECJAA5		Rev Date: 5/24/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 7,125	ManDays: 95	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-045)THE FLASH-TYPE DISTILLING UNIT REQUIRES MECHANICAL CLEANING.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. MECHANICALLY CLEAN INTERNALS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53111-046- -DSTLNG PLT (WELD) - RPR				MJC: EXECJAA6		Rev Date: 5/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 7,125		ManDays: 95		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-046)THE FLASH-TYPE DISTILLING UNIT REQUIRES WELDING REPAIRS.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. ACCOMPLISH AUTHORIZED WELD REPAIRS TO EVAPORATOR SHELL AND TUBE SHEETS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53111-047- -DSTLNG PLT (HE TB) - RPR			MJC: EXECJAA7		Rev Date: 5/24/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 7,125	ManDays: 95	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-047)THE FLASH-TYPE DISTILLING UNIT HEAT EXCHANGER REQUIRES RETUBING.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RETUBE DESIGNATED INTERNAL STAGE HEAT EXCHANGERS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53111-048- -DSTLNG PLT (PLUG HE TB) - RPR			MJC: EXECJAA8		Rev Date: 5/24/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 7,125	ManDays: 95	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-048)THE FLASH-TYPE DISTILLING UNIT HEAT EXCHANGER REQUIRES REPLUGGING.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. PLUG DESIGNATED HEAT EXCHANGER TUBES. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53111-049- -DSTLNG PLT (PACK HE) - RPR			MJC: EXECJAA9		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 7,125	ManDays: 95	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-049)THE FLASH-TYPE DISTILLING UNIT HEAT EXCHANGER ENDS REQUIRE REPACKING.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPACK HEAT EXCHANGER TUBE ENDS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53111-050- -DSTLNG PLT (DEMISTERS) - REPL			MJC: EXECJAB0		Rev Date: 5/24/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 7,125	ManDays: 95	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-050)THE FLASH-TYPE DISTILLING UNIT DEMISTERS REQUIRE REPLACEMENT.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE DEMISTERS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53111-051- -DSTLNG PLT (BAFFLES) - RPR				MJC: EXECJAB1		Rev Date: 5/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 7,125		ManDays: 95		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-051)THE FLASH-TYPE DISTILLING UNIT BAFFLES REQUIRE REPAIR.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPAIR BAFFLES. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53111-052- -DSTLNG PLT (BAFFLES) - REPL				MJC: EXECJAB2		Rev Date: 5/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 7,125		ManDays: 95		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-052)THE FLASH-TYPE DISTILLING UNIT BAFFLES REQUIRE REPLACEMENT.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE BAFFLES. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53111-053- -DSTLNG PLT (DISCS) - REPL			MJC: EXECJAB3		Rev Date: 5/24/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 7,125	ManDays: 95	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-053)THE FLASH-TYPE DISTILLING UNIT RUPTURED DISCS REQUIRE REPLACEMENT.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE RUPTURED DISCS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53111-054- -DSTLNG PLT (VIEW GLASS) - REPL			MJC: EXECJAB4		Rev Date: 5/24/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 7,125	ManDays: 95	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-054)THE FLASH-TYPE DISTILLING UNIT VIEW PORT GLASSES REQUIRE REPLACEMENT.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE VIEW PORT GLASSES. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53111-055- -DSTLNG PLT (AIR NOZZLES)-REPL			MJC: EXECJAB5		Rev Date: 5/24/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 7,125	ManDays: 95	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-055)THE FLASH-TYPE DISTILLING UNIT AIR EJECTOR NOZZLES REQUIRE REPLACEMENT.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE AIR EJECTOR NOZZLES. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53111-056- -DSTLNG PLT (SPRAY CAPS) - REPL			MJC: EXECJAB6		Rev Date: 5/24/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 7,125	ManDays: 95	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-056)THE FLASH-TYPE DISTILLING UNIT SPRAY CAPS REQUIRE REPLACEMENT.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE SPRAY CAPS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53111-057- -CC BRINE PMP MECH SEAL - REPL		MJC: EXECJDL2	Rev Date: 4/14/2006		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 25	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-057)THE BRINE PUMP (CLOSE COUPLED) MECHANICAL SEAL REQUIRES REPLACEMENT.	REPLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-058- -CC BRINE PMP WEAR RINGS-REPL			MJC: EXECJDL3		Rev Date: 4/14/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-058)THE CENTRIFUGAL BRINE PUMP (CLOSE COUPLED) WEARING RINGS REQUIRE REPLACEMENT.	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-059- -CC BRINE PMP RT ASSY - RPR			MJC: EXECJDL4		Rev Date: 4/14/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASLINE	(Q-53111-059)THE CENTRIFUGAL BRINE PUMP (CLOSE COUPLED) ROTATING ASSEMBLY REQUIRES REPAIR.	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-060- -CC DSTLT PMP MECH SEAL - REPL				MJC: EXECJDL5		Rev Date: 4/21/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 990		ManDays: 22		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-060)THE DISTILLATE PUMP (CLOSE COUPLED) MECHANICAL SEAL REQUIRES REPLACEMENT.	REPLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-061- -CC DSTLT PMP WEAR RINGS-REPL			MJC: EXECJDL6		Rev Date: 4/24/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-061)THE CENTRIFUGAL DISTILLATE PUMP (CLOSE COUPLED) WEARING RINGS REQUIRE REPLACEMENT.	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-062- -CC DSTLT PMP RT ASSY - RPR			MJC: EXECJDL7		Rev Date: 4/24/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 990	ManDays: 22	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-062)THE CENTRIFUGAL DISTILLATE PUMP (CLOSE COUPLED) ROTATING ASSEMBLY REQUIRES REPAIR.	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-066- -CC SW HTR CNDS PMP MEC SL-REPL				MJC: EXECJDM1		Rev Date: 4/25/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,280		ManDays: 28		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-066)THE SALT WATER HEATER CONDENSATE PUMP (CLOSE COUPLED) MECHANICAL SEAL REQUIRES REPLACEMENT.	REPLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-067- -CC SW HTR CNDS PMP RINGS-REPL			MJC: EXECJDM2		Rev Date: 4/25/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,280	ManDays: 28	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-067)THE CENTRIFUGAL SALT WATER HEATER CONDENSATE PUMP (CLOSE COUPLED) WEARING RINGS REQUIRE REPLACEMENT.	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-068- -CC SW HTR CNDS PMP RT ASSY-RPR			MJC: EXECJDM3		Rev Date: 4/25/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,280	ManDays: 28	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASLINE	(Q-53111-068)THE CENTRIFUGAL SALT WATER HEATER CONDENSATE PUMP (CLOSE COUPLED) ROTATING ASSEMBLY REQUIRES REPAIR.	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-069- -BRINE PMP MECH SEAL - REPL				MJC: EXECJDM4		Rev Date: 6/1/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-069)THE CENTRIFUGAL BRINE PUMP MECHANICAL SEAL REQUIRES REPLACEMENT.	REPLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-070- -BRINE PMP WEAR RINGS-REPL				MJC: EXECJDM5		Rev Date: 6/1/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 25		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-070)THE CENTRIFUGAL BRINE PUMP WEARING RINGS REQUIRE REPLACEMENT.	REMOVE THE PUMP SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-071- -BRINE PMP RT ASSY - RPR			MJC: EXECJDM6		Rev Date: 6/1/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-071)THE CENTRIFUGAL BRINE PUMP ROTATING ASSEMBLY REQUIRES REPAIR.	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation:		Q-53111-072- -SW HTR CNDS PMP MECH SEAL-REPL		MJC: EXECJDM7		Rev Date: 6/1/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,280		ManDays: 28		Alt No:	
Referenced Authority:		Repair Pool:		MCC: 3							

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-072)THE CENTRIFUGAL SALT WATER HEATER CONDENSATE PUMP MECHANICAL SEAL REQUIRES REPLACEMENT.	REPLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53111-073- -SW HTR CNDS PMP RINGS-REPL			MJC: EXECJDM8		Rev Date: 6/1/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,280	ManDays: 28	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-073)THE CENTRIFUGAL SALT WATER HEATER CONDENSATE PUMP (COUPLED) WEARING RINGS REQUIRE REPLACEMENT.	REMOVE THE PUMP SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-074- -SW HTR CNDS PMP RT ASSY - RP			MJC: EXECJDM9		Rev Date: 6/1/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,280	ManDays: 28	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASLINE	(Q-53111-074)THE CENTRIFUGAL SALT WATER HEATER CONDENSATE PUMP (COUPLED) ROTATING ASSEMBLY REQUIRES REPAIR.	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-075- -DSTLT PMP MECH SEAL - REPL				MJC: EXECJDNO		Rev Date: 6/1/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 25		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-53111-075)THE CENTRIFUGAL DISTILLATE PUMP MECHANICAL SEAL REQUIRES REPLACEMENT.				REPLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-53111-076- -DSTLT PMP WEAR RINGS-REPL			MJC: EXECJDN1		Rev Date: 6/1/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost: 675	ManDays: 25	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-076)THE CENTRIFUGAL DISTILLATE PUMP (COUPLED) WEARING RINGS REQUIRE REPLACEMENT.	REMOVE THE PUMP SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-077- -DSTLT PMP RT ASSY - RPR			MJC: EXECJDN2		Rev Date: 6/1/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 990	ManDays: 22	Alt No:
Referenced Authority:	Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-077)THE CENTRIFUGAL DISTILLATE PUMP (COUPLED) ROTATING ASSEMBLY REQUIRES REPAIR.	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-078- -SW FD PMP MECH SEAL - REPL				MJC: EXECJDN3		Rev Date: 6/2/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,170		ManDays: 26		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-53111-078)THE CENTRIFUGAL SW FEED PUMP MECHANICAL SEAL REQUIRES REPLACEMENT.				REPLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-53111-079- -SW FD PMP WEAR RINGS-REPL			MJC: EXECJDN4		Rev Date: 6/2/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,170	ManDays: 26	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-079)THE CENTRIFUGAL SW FEED PUMP (COUPLED) WEARING RINGS REQUIRE REPLACEMENT.	REMOVE THE PUMP SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53111-080- -SW FD PMP RT ASSY - RPR			MJC: EXECJDN5		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,170	ManDays: 26	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-080)THE CENTRIFUGAL SW FEED PUMP (COUPLED) ROTATING ASSEMBLY REQUIRES REPAIR.	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: I-53111-097- -DISTILLATION UNIT - MRC G1C7**MJC:** EXECI991**Rev Date:** 8/10/2005**RCM Analysis:** 6/7/2004**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 8**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-53111-097)THE DISTILLATION UNIT-WATER FLASH
REQUIRES ASSESSMENT.ACCOMPLISH THE DISTILLATION UNIT-WATER FLASH ASSESSMENT
IN ACCORDANCE WITH MRC G1C7 AS FOLLOWS: 1. CONDUCT
OPERATIONAL TEST OF THE DISTILLING PLANT. REPORT
CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: I-53111-104- -DSTL PMPS VIB TST - MRC G1P1			MJC: EXECIGH3		Rev Date: 2/29/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-53111-104)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-53111-105- -BRINE EDDY PUMP - RPR			MJC: EXECQCF4		Rev Date: 4/12/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,500	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53111-105)THE BRINE EDDY PUMP REQUIRES REPAIR.	REMOVE THE EDDY PUMP MOTOR, MOUNT AND PLATE FROM PUMP VOLUTE. NOTE: DO NOT REMOVE MOTOR MOUNT FROM MOTOR. REMOVE, CLEAN AND INSPECT ALL OTHER COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE ROTOR WITH NEW. E. REPAIR CASING USING WELD/AUTHORIZED COATING SYSTEM. F. MACHINE CASING IN WAY OF SEAL CARTRIDGE. G. POLISH SURFACES IN WAY OF SHAFT BUSHING. H. REPLACE SEAL CARTRIDGE WITH NEW. REASSEMBLE UNIT USING NEW O-RINGS IF REQUIRED. ENSURE DRIVER TO PUMP ALIGNMENT. CHECK FOR PROPER RUNOUTS AND FREE SHAFT ROTATION. RECORD POST-REPAIR RUNOUTS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-002- -DSTLNG PLT - RPR				MJC: EXECQ586		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1		Matl Cost: 4,275	ManDays: 95	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-002)THE FLASH-TYPE DISTILLING UNIT REQUIRES REPAIR.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. ACCOMPLISH AUTHORIZED WELD REPAIRS TO EVAPORATOR SHELL AND TUBE SHEETS. B. RETUBE DESIGNATED INTERNAL STAGE HEAT EXCHANGERS. C. PLUG DESIGNATED HEAT EXCHANGER TUBES. D. REPACK HEAT EXCHANGER TUBE ENDS. E. REPLACE DEMISTERS. F. REPAIR/REPLACE BAFFLES. G. CHEMICALLY CLEAN INTERNALS H. MECHANICALLY CLEAN INTERNALS. I. REPLACE RUPTURED DISCS. J. REPLACE VIEW PORT GLASSES. K. REPLACE AIR EJECTOR NOZZLES. L. REPLACE SPRAY CAPS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53112-003- -DSTLNG PLT HEAT EXCHANGER- RPR**MJC:** EXECQ587**Rev Date:** 3/3/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 675**ManDays:** 15**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53112-003)HEAT EXCHANGER REQUIRES REPAIR

DISASSEMBLE THE HEAT EXCHANGERS OF THE FLASH-TYPE DISTILLING PLANT . CLEAN AND HYDROSTATICALLY-TEST SHELL AND TUBE SIDES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, FASTENERS, ZINCS AND O- RINGS (AS APPLICABLE). REINSTALL HEAT EXCHANGER. PROVE SATISFACTORY OPERATION. A. RE-ROLL DESIGNATED TUBES. B. REPLACE DESIGNATED TUBES. C. REPAIR DESIGNATED TUBES. D. PLUG DESIGNATED TUBES. E. INSTALL TUBE INSERTS. F. REPAIR TUBE SHEETS. G. REPAIR HEADS. H. ACCOMPLISH STRUCTURAL REPAIRS TO SHELL AND/OR WATERBOXES. I. RECOAT WATERBOXES (DOES NOT APPLY TO CG47 CLASS). J. REMOVE HEAT EXCHANGER TO SHOP FOR REPAIRS.

Task/Abbreviation: Q-53112-004- -CC BRINE PMP - RPR**MJC:** EXECQ588**Rev Date:** 5/31/2005**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,125**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53112-004)THE CLOSE COUPLED BRINE PUMP (CENTRIFUGAL-TYPE) OF THE FLASH- TYPE DISTILLING PLANT REQUIRES REPAIR.

REMOVE THE PUMP UNIT (CLOSE-COUPLED). OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-006- -CC DSTLT PMP - RPR			MJC: EXECQ590		Rev Date: 5/31/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required: YES	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 990	ManDays: 22	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-006)THE CLOSE-COUPLED DISTILLATE PUMP (CENTRIFUGAL-TYPE) OF THE FLASH-TYPE DISTILLING PLANT REQUIRES REPAIR.	REMOVE THE PUMP UNIT (CLOSE-COUPLED). OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-010- -CC SW HTR CNDS PMP - RPR**MJC:** EXECQ594**Rev Date:** 5/31/2005**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,280**ManDays:** 28**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53112-010)THE CLOSE-COUPLED SALT WATER HEATER CONDENSATE PUMP (CENTRIFUGAL-TYPE) OF THE FLASH-TYPE DISTILLING PLANT REQUIRES REPAIR.

REMOVE THE PUMP UNIT (CLOSE-COUPLED). OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-016- -BRINE PMP - RPR**MJC:** EXECQ540**Rev Date:** 5/31/2005**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,125**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53112-016)THE BRINE PUMP (CENTRIFUGAL) OF THE FLASH-TYPE DISTILLING PLANT REQUIRES REPAIR.

DISCONNECT THE PUMP COUPLING AND REMOVE THE PUMP. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT A VIBRATION TEST. P. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-53112-017- -SW HTR CNDS PMP - RPR**MJC:** EXECQ542**Rev Date:** 5/31/2005**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,280**ManDays:** 28**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53112-017)THE SALT WATER HEATER
CONDENSATE PUMP (CENTRIFUGAL) OF THE
FLASH-TYPE DISTILLING PLANT REQUIRES REPAIR.

DISCONNECT THE PUMP COUPLING AND REMOVE THE PUMP. OPEN
PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD
CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP
SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B.
RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP
SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP
SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR
COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS
AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE
WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY.
K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING
HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M.
MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL
ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT A VIBRATION
TEST. P. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW
GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD
POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO
PUMP. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL
TESTS.

Task/Abbreviation: Q-53112-018- -DSTLT PMP - RPR**MJC:** EXECQAI7**Rev Date:** 5/31/2005**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 990**ManDays:** 22**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53112-018)THE DISTILLATE PUMP
(CENTRIFUGAL) OF THE FLASH-TYPE DISTILLING
PLANT REQUIRES REPAIR.

DISCONNECT THE PUMP COUPLING AND REMOVE THE PUMP. OPEN
PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD
CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP
SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B.
RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP
SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP
SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR
COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS
AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE
WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY.
K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING
HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M.
MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL
ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT A VIBRATION
TEST. P. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW
GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD
POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO
PUMP. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL
TESTS.

Task/Abbreviation: Q-53112-019- -SW FD PMP - RPR**MJC:** EXECQAI9**Rev Date:** 5/31/2005**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,170**ManDays:** 26**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53112-019)THE SW FEED PUMP (CENTRIFUGAL) OF THE FLASH-TYPE DISTILLING PLANT REQUIRES REPAIR.

DISCONNECT THE PUMP COUPLING AND REMOVE THE PUMP. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT A VIBRATION TEST. P. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS,AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-53112-020- -DP HT EXCHR - PLUG TUBES			MJC: EXECJ403		Rev Date: 3/3/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-020)DESIGNATED TUBES OF THE HEAT EXCHANGERS OF THE FLASH-TYPE DISTILLING PLANT REQUIRE PLUGGING.	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-021- -DP HT EXCHR - REPL BUNDLE			MJC: EXECJ405		Rev Date: 3/3/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-021)THE TUBE BUNDLE OF THE HEAT EXCHANGERS OF THE FLASH-TYPE DISTILLING PLANT REQUIRE REPLACEMENT.	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-022- -DP HT EXCHR - REPL TUBES			MJC: EXECJ407		Rev Date: 3/3/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-022)DESIGNATED TUBES OF THE HEAT EXCHANGERS OF THE FLASH-TYPE DISTILLING PLANT REQUIRE REPLACEMENT.	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-023- -DP HT EXCHR - REPL ZINCS			MJC: EXECJ409		Rev Date: 3/3/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-023)ZINCS FOR THE HEAT EXCHANGERS OF THE FLASH-TYPE DISTILLING PLANT REQUIRE REPLACEMENT.	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-024- -DP HT EXCHR - REROLL TUBES			MJC: EXECJ411		Rev Date: 3/3/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-024)TUBES OF THE HEAT EXCHANGERS OF THE FLASH-TYPE DISTILLING PLANT REQUIRE REROLLING.	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-025- -DP HT EXCHR - RPR TUBE SHEETS			MJC: EXECJ413		Rev Date: 3/3/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-025)TUBE SHEETS OF THE HEAT EXCHANGERS OF THE FLASH-TYPE DISTILLING PLANT REQUIRE REPAIR.	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-026- -DP HT EXCHR - RPR TUBE SPRT PL			MJC: EXECJ415		Rev Date: 3/3/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-026)THE TUBE SUPPORT PLATES OF THE HEAT EXCHANGERS OF THE FLASH-TYPE DISTILLING PLANT REQUIRE REPAIR.	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-027- -SW HTR CNDS PMP MOT-RWND			MJC: EXECJ961		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 216	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-027)THE FLASH-TYPE DISTILLING PLANT SALT WATER HEATER CONDENSATE PUMP ELECTRIC MOTOR REQUIRES REWINDING.	REWIND THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT SALT WATER HEATER CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-028- -SW HTR CNDS PMP MOT-RPR			MJC: EXECJ963		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 180	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-028)THE FLASH-TYPE DISTILLING PLANT SALT WATER HEATER CONDENSATE PUMP ELECTRIC MOTOR REQUIRES RECONDITIONING.	RECONDITION THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT SALT WATER HEATER CONDENSATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-029- -SW HTR CNDS PMP MOT BRG-REPL			MJC: EXECJ965		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 90	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-029)THE FLASH-TYPE DISTILLING PLANT SALT WATER HEATER CONDENSATE PUMP ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT SALT WATER HEATER CONDENSATE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-030- -SW FD PMP MOT-RWND				MJC: EXECJ967		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 324		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-030)THE FLASH-TYPE DISTILLING PLANT SALT WATER FEED PUMP ELECTRIC MOTOR REQUIRES REWINDING.	REWIND THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT SALT WATER FEED PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-031- -SW FD PMP MOT-RPR			MJC: EXECJ969		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 180	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-031)THE FLASH-TYPE DISTILLING PLANT SALT WATER FEED PUMP ELECTRIC MOTOR REQUIRES RECONDITIONING.	RECONDITION THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT SALT WATER FEED PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-032- -SW FD PMP MOT BRG-REPL			MJC: EXECJ971		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 90	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-032)THE FLASH-TYPE DISTILLING PLANT SALT WATER FEED PUMP ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT SALT WATER FEED PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-033- -DSTLT PMP MOT-RWND			MJC: EXECJC64		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-033)THE FLASH-TYPE DISTILLING PLANT DISTILLATE PUMP ELECTRIC MOTOR REQUIRES REWINDING.	REWIND THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT DISTILLATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-034- -DSTLT PMP MOT-RPR			MJC: EXECJC68		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-034)THE FLASH-TYPE DISTILLING PLANT DISTILLATE PUMP ELECTRIC MOTOR REQUIRES RECONDITIONING.	RECONDITION THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT DISTILLATE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-035- -DSTLT PMP MOT BRG-REPL			MJC: EXECJC72		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-035)THE FLASH-TYPE DISTILLING PLANT DISTILLATE PUMP ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT DISTILLATE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-036- -BRINE PMP MOT-RWND			MJC: EXECJD27		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,446	ManDays: 31	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-036)THE FLASH-TYPE DISTILLING PLANT BRINE PUMP ELECTRIC MOTOR REQUIRES REWINDING.	REWIND THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT BRINE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-037- -BRINE PMP MOT-RPR			MJC: EXECJD29		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 396	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-037)THE FLASH-TYPE DISTILLING PLANT BRINE PUMP ELECTRIC MOTOR REQUIRES RECONDITIONING.	RECONDITION THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT BRINE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-038- -BRINE PMP MOT BRG-REPL				MJC: EXECJD31		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 198		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-038)THE FLASH-TYPE DISTILLING PLANT BRINE PUMP ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE FLASH-TYPE DISTILLING PLANT BRINE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-039- -DSTLNG PLT (CHEM) - CLN				MJC: EXECJAB7		Rev Date: 5/26/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 4,275		ManDays: 95		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-039)THE FLASH-TYPE DISTILLING UNIT REQUIRES CHEMICAL CLEANING.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. CHEMICALLY CLEAN INTERNALS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53112-040- -DSTLNG PLT (MECH) - CLN				MJC: EXECJAB8		Rev Date: 5/26/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 4,275		ManDays: 95		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-040)THE FLASH-TYPE DISTILLING UNIT REQUIRES MECHANICAL CLEANING.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. MECHANICALLY CLEAN INTERNALS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53112-041- -DSTLNG PLT (WELD) - RPR			MJC: EXECJAB9		Rev Date: 5/26/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,275	ManDays: 95	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-041)THE FLASH-TYPE DISTILLING UNIT REQUIRES WELDING REPAIRS.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. ACCOMPLISH AUTHORIZED WELD REPAIRS TO EVAPORATOR SHELL AND TUBE SHEETS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53112-042- -DSTLNG PLT (HE TB) - RPR			MJC: EXECJAC0		Rev Date: 5/26/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,275	ManDays: 95	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-042)THE FLASH-TYPE DISTILLING UNIT HEAT EXCHANGER REQUIRES RETUBING.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RETUBE DESIGNATED INTERNAL STAGE HEAT EXCHANGERS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53112-043- -DSTLNG PLT (PLUG HE) - RPR			MJC: EXECJAC1		Rev Date: 5/26/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,275	ManDays: 95	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-043)THE FLASH-TYPE DISTILLING UNIT HEAT EXCHANGER REQUIRES REPLUGGING.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. PLUG DESIGNATED HEAT EXCHANGER TUBES. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53112-044- -DSTLNG PLT (PACK HE) - RPR			MJC: EXECJAC2		Rev Date: 5/26/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,275	ManDays: 95	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-044)THE FLASH-TYPE DISTILLING UNIT HEAT EXCHANGER ENDS REQUIRE REPACKING.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPACK HEAT EXCHANGER TUBE ENDS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53112-045- -DSTLNG PLT (DEMISTERS) - REPL			MJC: EXECJAC3		Rev Date: 5/26/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,275	ManDays: 95	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-045)THE FLASH-TYPE DISTILLING UNIT DEMISTERS REQUIRE REPLACEMENT.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE DEMISTERS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53112-046- -DSTLNG PLT (BAFFLES) - RPR			MJC: EXECJAC4		Rev Date: 5/26/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,275	ManDays: 95	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-046)THE FLASH-TYPE DISTILLING UNIT BAFFLES REQUIRE REPAIR.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPAIR BAFFLES. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53112-047- -DSTLNG PLT (BAFFLES) - REPL			MJC: EXECJAC5		Rev Date: 5/26/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,275	ManDays: 95	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-047)THE FLASH-TYPE DISTILLING UNIT BAFFLES REQUIRE REPLACEMENT.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE BAFFLES. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53112-048- -DSTLNG PLT (DISCS) - REPL				MJC: EXECJAC6		Rev Date: 5/26/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 5,000		ManDays: 95		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-048)THE FLASH-TYPE DISTILLING UNIT RUPTURED DISCS REQUIRE REPLACEMENT.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE RUPTURED DISCS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53112-049- -DSTLNG PLT (VIEW GLASS) - REPL			MJC: EXECJAC7		Rev Date: 5/26/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,275	ManDays: 95	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-049)THE FLASH-TYPE DISTILLING UNIT VIEW PORT GLASSES REQUIRE REPLACEMENT.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE VIEW PORT GLASSES. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53112-050- -DSTLNG PLT (AIR NOZZLES)-REPL				MJC: EXECJAC8		Rev Date: 5/26/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 4,275		ManDays: 95		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-050)THE FLASH-TYPE DISTILLING UNIT AIR EJECTOR NOZZLES REQUIRE REPLACEMENT.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE AIR EJECTOR NOZZLES. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53112-051- -DSTLNG PLT (SPRAY CAPS) - REPL			MJC: EXECJAC9		Rev Date: 5/26/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,275	ManDays: 95	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-051)THE FLASH-TYPE DISTILLING UNIT SPRAY CAPS REQUIRE REPLACEMENT.	REPAIR FLASH-TYPE DISTILLING UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS. CONDUCT PRE-LIMINARY HYDRO. RECORD AS-FOUND CONDITIONS AND REPORT SAME TO NSA. DISASSEMBLE FLASH-TYPE DISTILLING UNIT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING AUTHORIZED REPAIRS. ON COMPLETION OF REPAIRS, USING NEW GASKETS, FASTENERS, AND SEALS. HYDROSTATICALLY-TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE SPRAY CAPS. NOTE: 1. M/D ESTIMATES BY UNIT SIZE PER APL.

Task/Abbreviation: Q-53112-052- -CC BRINE PMP MECH SEAL - REPL			MJC: EXECJDN6		Rev Date: 4/13/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-052)THE BRINE PUMP (CLOSE COUPLED) MECHANICAL SEAL REQUIRES REPLACEMENT.	REPLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-053- -CC BRINE PMP WEAR RINGS-REPL			MJC: EXECJDN7		Rev Date: 4/13/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-053)THE CENTRIFUGAL BRINE PUMP (CLOSE COUPLED) WEARING RINGS REQUIRE REPLACEMENT.	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-054- -CC BRINE PMP RT ASSY - RPR				MJC: EXECJDN8		Rev Date: 4/13/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-054)THE CENTRIFUGAL BRINE PUMP (CLOSE COUPLED) ROTATING ASSEMBLY REQUIRES REPAIR.	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-055- -CC DSTLT PMP MECH SEAL - REPL			MJC: EXECJDN9		Rev Date: 4/25/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 18	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-055)THE DISTILLATE PUMP (CLOSE COUPLED) MECHANICAL SEAL REQUIRES REPLACEMENT.	REPLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-056- -CC DSTLT PMP WEAR RINGS-REPL**MJC:** EXECJDO0**Rev Date:** 4/25/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 675**ManDays:** 15**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53112-056)THE CENTRIFUGAL DISTILLATE PUMP
(CLOSE COUPLED) WEARING RINGS, SEAL
REQUIRES REPLACEMENT.

REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING IN PLACE.
REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD
CLEARANCES AND RUNOUTS. REPAIR PER CONDITION
ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING
RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES,
SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D.
CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS,
BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-
REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP
ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.
NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-057- -CC DSTLT PMP RT ASSY - RPR			MJC: EXECJDO1		Rev Date: 4/25/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-057)THE CENTRIFUGAL DISTILLATE PUMP (CLOSE COUPLED) ROTATING ASSEMBLY REQUIRES REPAIR.	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY TO SHOP. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-061- -CC SW HTR CNDS PMP SEAL - REPL				MJC: EXECJDO5		Rev Date: 4/26/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,280		ManDays: 28		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-061)THE SALT WATER HEATER CONDENSATE PUMP (CLOSE COUPLED) MECHANICAL SEAL REQUIRES REPLACEMENT.	REPLACE, THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-062- -CC SW HTR CNDS PMP RINGS-REPL			MJC: EXECJDO6		Rev Date: 4/26/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,280	ManDays: 28	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASLINE	(Q-53112-062)THE CENTRIFUGAL SALT WATER HEATER CONDENSATE PUMP (CLOSE COUPLED) WEARING RINGS, SEAL REQUIRES REPLACEMENT.	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-063- -CC SW HTR CNDS PMP RT ASSY-RPR			MJC: EXECJDO7		Rev Date: 4/26/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,280	ManDays: 28	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASLINE	(Q-53112-063)THE CENTRIFUGAL SALT WATER HEATER CONDENSATE PUMP (CLOSE COUPLED) ROTATING ASSEMBLY REQUIRES REPAIR.	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-064- -BRINE PMP MECH SEAL - REPL				MJC: EXECJDO8		Rev Date: 5/31/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-064)THE CENTRIFUGAL BRINE PUMP MECHANICAL SEAL REQUIRES REPLACEMENT.	REPLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-065- -BRINE PMP WEAR RINGS-REPL				MJC: EXECJDO9		Rev Date: 5/31/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-065)THE CENTRIFUGAL BRINE PUMP (COUPLED) WEARING RINGS, SEAL REQUIRES REPLACEMENT.	REMOVE THE PUMP SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-066- -BRINE PMP RT ASSY - RPR			MJC: EXECJDP0		Rev Date: 5/31/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-066)THE CENTRIFUGAL BRINE PUMP (COUPLED) ROTATING ASSEMBLY REQUIRES REPAIR.	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-067- -SW HTR CNDS PMP SEAL - REPL			MJC: EXECJDP1		Rev Date: 5/31/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,280	ManDays: 28	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-067)THE CENTRIFUGAL SALT WATER HEATER CONDENSATE PUMP MECHANICAL SEAL REQUIRES REPLACEMENT.	REPLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53112-068- -SW HTR CNDS PMP WEAR RING-REPL			MJC: EXECJDP2		Rev Date: 5/31/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,280	ManDays: 28	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-068)THE CENTRIFUGAL SALT WATER HEATER CONDENSATE PUMP (COUPLED) WEARING RINGS, SEAL REQUIRES REPLACEMENT.	REMOVE THE PUMP SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-069- -SW HTR CNDS PMP RT ASSY - RPR			MJC: EXECJDP3		Rev Date: 5/31/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,280	ManDays: 28	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASLINE	(Q-53112-069)THE CENTRIFUGAL SALT WATER HEATER CONDENSATE PUMP (COUPLED) ROTATING ASSEMBLY REQUIRES REPAIR.	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-070- -DSTLT PMP MECH SEAL - REPL				MJC: EXECJDP4		Rev Date: 5/31/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-53112-070)THE CENTRIFUGAL DISTILLATE PUMP MECHANICAL SEAL REQUIRES REPLACEMENT.				REPLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-53112-071- -DSTLT PMP WEAR RINGS-REPL			MJC: EXECJDP5		Rev Date: 5/31/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-071)THE CENTRIFUGAL DISTILLATE PUMP (COUPLED) WEARING RINGS REQUIRE REPLACEMENT.	REMOVE THE PUMP SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-072- -DSTLT PMP RT ASSY - RPR			MJC: EXECJDP6		Rev Date: 5/31/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASLINE	(Q-53112-072)THE CENTRIFUGAL DISTILLATE PUMP (COUPLED) ROTATING ASSEMBLY REQUIRES REPAIR.	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-073- -SW FD PMP MECH SEAL - REPL				MJC: EXECJDP7		Rev Date: 5/31/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-53112-073)THE CENTRIFUGAL SW FEED PUMP MECHANICAL SEAL REQUIRES REPLACEMENT.				REPLACE, THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-53112-074- -SW FD PMP WEAR RINGS-REPL			MJC: EXECJDP8		Rev Date: 5/31/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-074)THE CENTRIFUGAL SW FEED PUMP (COUPLED) WEARING RINGS REQUIRE REPLACEMENT.	REMOVE THE PUMP SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53112-075- -SW FD PMP RT ASSY - RPR			MJC: EXECJDP9		Rev Date: 5/31/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,100	ManDays: 26	Alt No:
Referenced Authority:	Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-075)THE CENTRIFUGAL SW FEED PUMP (COUPLED) ROTATING ASSEMBLY REQUIRES REPAIR.	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: I-53112-093- -DISTILLATION UNIT - MRC G1C7**MJC:** EXECIA13**Rev Date:** 8/17/2005**RCM Analysis:** 6/7/2004**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 8**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-53112-093)THE DISTILLATION UNIT-WATER FLASH
REQUIRES ASSESSMENT.ACCOMPLISH THE DISTILLATION UNIT-WATER FLASH ASSESSMENT
IN ACCORDANCE WITH MRC G1C7 AS FOLLOWS: 1. CONDUCT
OPERATIONAL TEST OF THE DISTILLING PLANT. REPORT
CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: I-53112-099- -DSTL PMPS VIB TST - MRC G1P1			MJC: EXECIGH4		Rev Date: 2/29/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-53112-099)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-53112-100- -BRINE EDDY PUMP - RPR			MJC: EXECQCF5		Rev Date: 4/13/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,500	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53112-100)THE BRINE EDDY PUMP REQUIRES REPAIR.	REMOVE THE EDDY PUMP MOTOR, MOUNT AND PLATE FROM PUMP VOLUTE. NOTE: DO NOT REMOVE MOTOR MOUNT FROM MOTOR. REMOVE, CLEAN AND INSPECT ALL OTHER COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE ROTOR WITH NEW. E. REPAIR CASING USING WELD/AUTHORIZED COATING SYSTEM. F. MACHINE CASING IN WAY OF SEAL CARTRIDGE. G. POLISH SURFACES IN WAY OF SHAFT BUSHING. H. REPLACE SEAL CARTRIDGE WITH NEW. REASSEMBLE UNIT USING NEW O-RINGS IF REQUIRED. ENSURE DRIVER TO PUMP ALIGNMENT. CHECK FOR PROPER RUNOUTS AND FREE SHAFT ROTATION. RECORD POST-REPAIR RUNOUTS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-53151-001- -R/O DESALINATOR PLT - INSP**MJC:** EXECI193**Rev Date:** 5/12/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:** NO**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-53151-001) THE REVERSE OSMOSIS-TYPE
DESALINATOR PLANT REQUIRES INSPECTIONINSP/OP TST REVERSE OSMOSIS DESALINATOR PLT(S), INCL ASSOC
HT EXCHGRS, PMPS, VLVS & MTR TST, ADJ/SET OP OF AUTO CONT &
ALARMS. ACCOMP MINOR RPRS. REPORT CONDITIONS FOUND TO
SHIP'S CSMP. A. LOGIC CONTROLLER, PROGRAMMABLE (PLC). B.
MOTOR CONTROLLER, (HIGH PRESSURE PUMP). C. HEATER, SEA
WATER INLET. D. FILTERS, CARTRIDGE AND ACTIVATED CARBON.
E. ROTAMETER FLOWMETER. F. TOTALIZING FLOWMETER. G. FEED
BOOSTER PUMP. H. HIGH PRESSURE PUMP. I. RELAY CONTROLS,
ELECTRO-MECHANICAL. J. REVERSE OSMOSIS (R/O) MODULES. K.
SEPARATOR, CENTRIFUGAL. L. PRESSURE SWITCHES, INDICATORS
AND ALARMS. M. TEMPERATURE SWITCHES, INDICATORS AND
ALARMS. N. BRINE RESTRICTOR VALVE (PRESSURE REGULATING).
O. DUMP VALVE (DIVERT TRIP VALVE). P. RELIEF VALVE PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: Q-53151-004- -R/O HP PMP - RPR**MJC:** EXECQ930**Rev Date:** 2/27/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 7,000**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

LHD 8

(Q-53151-004)THE HIGH PRESSURE PUMP OF THE REVERSE OSMOSIS - DESALINATOR PLANT REQUIRES REPAIR.

REPAIR HP PUMP OF THE REVERSE OSMOSIS DESALINATOR PLANT. OPEN THE PUMP CASING. DISCONNECT COUPLING AND REMOVE THE ROTATING ELEMENT. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53151-006- -R/O DESALINATOR PLT - RPR			MJC: EXECQ314		Rev Date: 2/27/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,890	ManDays: 42	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53151-006)REVERSE OSMOSIS PLANT REQUIRES REPAIR	DISASSEMBLE THE REVERSE OSMOSIS - DESALINATOR PLANT TO THE EXTENT NECESSARY TO ACCOMPLISH THE FOLLOWING REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE USING NEW GASKETS, FASTENERS AND SEALS. HYDROSTATICALLY TEST UNIT AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. ACCOMPLISH WELD REPAIRS TO EVAPORATOR SHELL. B. CHEMICALLY CLEAN INTERNALS. C. MECHANICALLY CLEAN INTERNALS. D. REPLACE REVERSE OSMOSIS MODULES. E. REPLACE REVERSE OSMOSIS MEMBRANES.

Task/Abbreviation: Q-53151-029- -R/O HP PMP MOT-RWND			MJC: EXECJB37		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,640	ManDays: 50	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53151-029)THE ELECTRIC MOTOR OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT HIGH PRESSURE PUMP REQUIRES REWINDING.	REWIND THE ELECTRIC MOTOR OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT FEED HIGH PRESSURE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53151-030- -R/O HP PMP MOT-RPR				MJC: EXECJB39		Rev Date: 2/27/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 480		ManDays: 30		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53151-030)THE ELECTRIC MOTOR OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT HIGH PRESSURE PUMP REQUIRES RECONDITIONING.	RECONDITION THE ELECTRIC MOTOR OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT HIGH PRESSURE PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53151-031- -R/O HP PMP MOT BRG-REPL			MJC: EXECJB41		Rev Date: 2/27/2009
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 240	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53151-031)THE ELECTRIC MOTOR BEARINGS OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT HIGH PRESSURE PUMP REQUIRE REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT HIGH PRESSURE PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53151-040- -R/O UNIT CONT PANEL - RPR			MJC: EXECQCL7		Rev Date: 5/22/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53151-040)THE R/O UNIT CONTROL PANEL REQUIRES REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS.	REPAIR THE R/O UNIT CONTROL PANEL PER CONDITION ASSESSMENT RECOMMENDATIONS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-53211-112- -ECW EQPT VIB TST - MRC G1P1				MJC: EXECIGH7		Rev Date: 2/29/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-53211-112)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: D-53211-136- -SHIPALT LHD1-71894D - ACCOMP			MJC: EXSAD606		Rev Date: 9/14/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 14	Alt No: SALHD 71894 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-53211-136) SHIPALT LHD1-71894D, MODIFY DEMINERALIZER, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71894D (EQUIVALENT TO SCD 1894) WHICH REALIGNS THE DEMINERALIZER FROM THE MAKE-UP FEED PORTION OF THE MAIN CONDENSATE SYSTEM TO THE RESERVE FEED TANK FILL PORTION OF THE MAIN FEED SYSTEM. DEMINERALIZER PIPING SHALL BE RECONFIGURED SO THAT FEED WATER FROM THE DISTILLING UNITS IS PUMPED THROUGH THE DEMINERALIZER AND INTO THE RESERVE FEED TANK(S). FEED WATER IS THEN PULLED FROM RESERVE FEED TANK(S) BY VACUUM TO THE MAIN CONDENSER. THE DEMINERALIZER FOR THE #1 MAIN CONDENSER IS LOCATED IN THE MMR #2 (6-81-0-E) AND THE DEMINERALIZER FOR THE #2 MAIN CONDENSER IS LOCATED IN THE MMR #1 (6-65-0-E). POC: CONRADO CAJIGAS, 619-437-1704, CONRADO.CAJIGAS@NAVY.MIL

Task/Abbreviation: I-53311-001- -POTW PMP - INSP			MJC: EXECI195		Rev Date: 2/8/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-53311-001)THE POTABLE WATER PUMP REQUIRES INSPECTION	INSPECT AND TEST THE POTABLE WATER CENTRIFUGAL PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E. RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-53311-005- -POTW PMP (CC) - RPR**MJC:** EXECQ620**Rev Date:** 2/27/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 945**ManDays:** 21**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53311-005)THE CENTRIFUGAL POTABLE WATER PUMP (CLOSE COUPLED) REQUIRES REPAIR.

REMOVE THE PUMP UNIT (CLOSE-COUPLED). OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: I-53311-021- -BROMINE RECIRC PMP UNIT- INSP**MJC:** EXECICK4**Rev Date:** 1/28/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:** NO**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-53311-021)THE BROMINE RECIRCULATING PUMP
UNIT REQUIRES INSPECTIONINSPECT AND TEST THE BROMINE RECIRCULATING CENTRIFUGAL
PUMP. REPORT CONDITIONS FOUND TO SHIP'S CSMP TO INCLUDE
THE FOLLOWING, AS APPLICABLE: A. ALARM AND SAFETY DEVICES.
B. OPERATIONAL TESTS. C. ELECTRICAL INSULATION RESISTANCE
TEST. D. ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. E.
RESILIENT MOUNTS AS APPLICABLE. F. VIBRATION ANALYSIS
SURVEY. G. CONDUCT FLOW TEST. REPORT ANY NEW WORK
REQUIRED ON A SEPARATE JOB. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-53311-022- -BROMINE RECIRC PMP SHOP - RPR**MJC:** EXECQBL0**Rev Date:** 2/27/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 945**ManDays:** 21**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53311-022)THE CENTRIFUGAL BROMINE
RECIRCULATING PUMP UNIT (CLOSE COUPLED)
REQUIRES REPAIR.REMOVE THE PUMP UNIT (CLOSE-COUPLED). OPEN THE PUMP
SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD
CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO
REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE
SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E.
MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F.
MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR
CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE
CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I.
POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J.
DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A
VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT
USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR
PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS.
ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH
SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR
GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53311-025- -PROPNG BROMINATOR - RPR			MJC: EXECQAK9		Rev Date: 3/5/1999
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53311-025)THE PROPORTIONING BROMINATOR UNIT REQUIRES REPAIR.	REPAIR THE PROPORTIONING BROMINATOR UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS AND EQUIPMENT TECHNICAL MANUAL. REMOVE, DISASSEMBLE, CLEAN AND INSPECT PARTS AND COMPONENTS. ON COMPLETION OF REPAIRS, REINSTALL COMPONENTS USING NEW PARTS IN PLACE OF THOSE FOUND TO BE MISSING, WORN OR DEFECTIVE. ADJUST AND ALIGN EQUIPMENT IN ACCORDANCE WITH TECHNICAL MANUAL. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53311-028- -PROPNG BROMINATOR - REPL			MJC: EXECQB1		Rev Date: 8/24/2003
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53311-028)THE PROPORTIONING BROMINATOR UNIT REQUIRES REPLACEMENT.	REPLACE THE PROPORTIONING BROMINATOR UNIT PER CONDITION ASSESSMENT RECOMMENDATIONS AND EQUIPMENT TECHNICAL MANUAL. ADJUST AND ALIGN EQUIPMENT IN ACCORDANCE WITH TECHNICAL MANUAL. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: A-53311-032- -AER LHD1-03896 - ACCOMP			MJC: EXTYA184		Rev Date: 3/7/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: TYLHD 03896
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-53311-32) TYCOM AUTHORIZED ALTERATION	ACCOMPLISH AER LHD1-03896E "ADDITIONAL POTABLE WATER ISOLATION VALVES" WHICH INSTALLS ADDITIONAL ISOLATION VALVES IN THE POTABLE WATER SYSTEM TO ALLOW FOR ISOLATION OF SPECIFIC SECTIONS OF THE SHIP WITHOUT SHIP SERVICE DISRUPTIONS.

Task/Abbreviation: Q-53311-041- -POTW PMP MOT-RWND				MJC: EXECJB46		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 960		ManDays: 23		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53311-041)THE ELECTRIC MOTOR OF THE ELECTRONICS POTABLE WATER PUMP REQUIRES REWINDING.	REWIND THE ELECTRIC MOTOR OF THE ELECTRONICS POTABLE WATER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53311-042- -POTW PMP MOT-RPR			MJC: EXECJB47		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 300	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53311-042)THE ELECTRIC MOTOR OF THE ELECTRONICS POTABLE WATER PUMP REQUIRES RECONDITIONING.	RECONDITION THE ELECTRIC MOTOR OF THE ELECTRONICS POTABLE WATER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53311-043- -POTW PMP MOT BRG-REPL			MJC: EXECJB48		Rev Date: 2/27/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 150	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53311-043)THE ELECTRIC MOTOR BEARINGS OF THE POTABLE WATER PUMP REQUIRE REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE POTABLE WATER PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53311-044- -BR RECIRC PMP MOT-RWND				MJC: EXECJD32		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 324		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53311-044)THE ELECTRIC MOTOR OF THE BROMINE RECIRCULATING PUMP REQUIRE REWINDING.	REWIND THE ELECTRIC MOTOR OF THE BROMINE RECIRCULATING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53311-045- -BR RECIRC PMP MOT-RPR			MJC: EXECJD33		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 156	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53311-045)THE ELECTRIC MOTOR OF THE BROMINE RECIRCULATING PUMP REQUIRES RECONDITIONING.	RECONDITION THE ELECTRIC MOTOR OF THE BROMINE RECIRCULATING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53311-046- -BR RECIRC PMP MOT BRG-REPL			MJC: EXECJD34		Rev Date: 2/27/2009
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 78	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53311-046)THE ELECTRIC MOTOR BEARINGS OF THE BROMINE RECIRCULATING PUMP REQUIRE REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE BROMINE RECIRCULATING PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53311-050- -POTW PMP MECH SEAL - REPL			MJC: EXECJDT1		Rev Date: 6/3/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 945	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53311-050)THE POTABLE WATER PUMP (CLOSE COUPLED) MECHANICAL SEAL REQUIRE REPLACEMENT.	REPLACE THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53311-051- -POTW PMP WEAR RINGS - REPL			MJC: EXECJDT2		Rev Date: 6/3/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 945	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53311-051)THE CENTRIFUGAL POTABLE WATER PUMP (CLOSE COUPLED) WEARING RINGS, SEAL REQUIRE REPLACEMENT.	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53311-052- -POTW PMP ROTNG ASSY - RPR			MJC: EXECJDT3		Rev Date: 6/3/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 945	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASLINE	(Q-53311-052)THE CENTRIFUGAL POTABLE WATER PUMP (CLOSE COUPLED) ROTATING ASSEMBLY REQUIRES REPAIR.	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53311-053- -BROMINE RECIRC PMP SEAL - REPL			MJC: EXECJCW7		Rev Date: 2/27/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 945	ManDays: 2	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53311-053)THE BROMINE RECIRCULATING PUMP (CLOSE COUPLED) MECHANICAL SEAL REQUIRES REPLACEMENT.	REPLACE THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53311-054- -BROMINE RECIRC PMP RINGS-REPL			MJC: EXECJCW8		Rev Date: 2/27/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 945	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASLINE	(Q-53311-054)THE CENTRIFUGAL BROMINE RECIRCULATING PUMP (CLOSE COUPLED) WEARING RINGS, SEAL REQUIRES REPLACEMENT.	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-53311-055- -BROMINE RECIRC PMP RT ASSY-RPR**MJC:** EXECJCW9**Rev Date:** 2/27/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 945**ManDays:** 8**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53311-055)THE CENTRIFUGAL BROMINE
RECIRCULATING PUMP (CLOSE COUPLED)
ROTATING ASSEMBLY REQUIRES REPAIR.REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE
ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL
COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER
CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN
MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE.
REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER
TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE
ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS,
BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-
REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP
ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.
NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: A-53311-060- -AER LHD1-00201 - ACCOMP			MJC: EXT YA830		Rev Date: 2/24/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,500	ManDays: 50	Alt No: TYLHD 00201
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-53311-60) AER LHD1-00201E, INSTL POT WTR A/C & REFR PLNT, NOT ACCOMPLISHED.	ACCOMPLISH AER LHD1-00201E, INSTL POT WTR A/C & REFR PLNT, WHICH INSTALLS POTABLE WATER PIPING, VALVES, CONNECTIONS AND FUNNELS IN ORDER TO PERFORM PMS AND FRESH WATER LAY-UP OF CONDENSERS IN AIR CONDITIONING (A/C) AND REFRIGERATION PLANT SPACES.

Task/Abbreviation: I-53311-068- -POTW PMPS VIB TST - MRC G1P1				MJC: EXECIGH8		Rev Date: 2/29/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-53311-068)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-53311-073- -MACHALT 73668 - ACCOMP			MJC: EXSAO216		Rev Date: 5/21/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: MA 73668
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-53311-73) MACHALT 73668, RECIRCULATING BROMINATOR SYS, NOT ACCOMPLISHED	ACCOMPLISH MACHALT 73668 WHICH REPLACES EXISTING BROMINATOR SYSTEM WITH AN IMPROVED MODEL. THE EXISTING BROMINATOR SYSTEMS DO NOT HAVE SUPPLY SUPPORT AND THEREFORE CANNOT BE REPAIRED OR REPLACED. POC: GARY WRIGHT, 215-897-8464, GARY.WRIGHT@NAVY.MIL OR GEORGE FRANCIS, 215-897-7710, GEORGE.FRANCIS@NAVY.MIL OR KEVIN DRISCOLL, 215-907-1403, KEVIN.DRISCOLL@NAVY.MIL.

Task/Abbreviation: D-53311-081- -SHIPALT LHD1-73668D - ACCOMP			MJC: EXSAD589		Rev Date: 2/20/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 73668 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-53311-81) SHIPALT LHD1-73668D, RECIRCULATING BROMINATOR, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-73668D WHICH REPLACES THE EXISTING BROMINATOR SYSTEM WITH AN IMPROVED MODEL. POC: JOSEPH AMADORO, 215-897-7274, JOSEPH.AMADORO@NAVY.MIL

Task/Abbreviation: O-53311-085- -EC 73668 - ACCOMP				MJC: EXSAO499		Rev Date: 8/5/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 10		ManDays: 10		Alt No: EC 73668	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-53311-85) EC 73668, RECIRCULATING BROMINATOR, NOT ACCOMPLISHED.	ACCOMPLISH EC 73668 WHICH REPLACES THE EXISTING BROMINATOR SYSTEM WITH AN IMPROVED MODEL. POC: JOSEPH AMADORO, 215-897-7274, JOSEPH.AMADORO@NAVY.MIL

Task/Abbreviation: I-53411-001- -(M)AUX STM S00T BLOWER PP - UT**MJC:** EXECM120**Rev Date:** 3/22/2010**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:** NO**Lvl of Maint:** 1**Freq:** 60**Equip/Task:** 1**Matl Cost:** 225**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2

NSTM CH-221, PARA. 221-3.3.6.1 ISE ADVISORY011-09,R181732Z309 GC:280000,MA:A5K0

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-53411-001)NSTM REQUIREMENT DUE

IAW NSTM CH-221, PARA. 221-3.3.6.1, VISUALLY INSPECT AND ULTRASONICALLY TEST THE SOOT BLOWER PIPING FROM STEAM ROOT VALVES TO SOOT BLOWER FLANGES INCLUDING ENTIRE DRAINAGE SYSTEM DOWN TO THE RESERVOIR AND LAST DRAIN VALVE AS FOLLOWS AND REPORT CONDITIONS FOUND TO THE NSA: A. REMOVE LAGGING AND INSULATION AND CLEAN PIPING TO BARE METAL AT TEST AREAS. B. OBTAIN FOUR (4) READINGS AT SELECTED AREA, 90 DEGREES APART IN THE FOLLOWING AREAS: 1. AT ALL BENDS. 2. AREAS ADJACENT TO HANGERS AND EXTERNAL CORROSION. 3. WHERE PIPE SIZE REDUCES. C. PRESERVE AND RELAG DISTURBED PIPING AREAS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. D. ACCEPTANCE CRITERIA SHALL BE IAW NSTM 505.

NOTE: USE NAVSEA TECH MANUAL S-9221-D2-MMA-010 APPENDIX D., SECTION 10 AND 10.2 AND APPENDIX F., SECTION 2.4 AND FIGURE F-3 TO AID IN IDENTIFICATION OF THE EXTENT OF PIPING TO BE INSPECTED.

Task/Abbreviation: A-53411-010- -AER LHD1-01199 - ACCOMP			MJC: EXTYA586		Rev Date: 8/10/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 520,000	ManDays: 600	Alt No: TYLHD 01199
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-53411-10) AER LHD1-01199, AUX STM PLANT CONTROL UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH AER LHD1-01199 WHICH REPLACES THE STEAM MACHINERY CONTROL SYSTEM WITH A STATE-OF-THE-ART "SMART" ELECTRONIC TRANSMITTERS/CONTROLLERS SYSTEM.

Task/Abbreviation: A-53411-013- -AER LHD1-00402 - ACCOMP			MJC: EXTAAA44		Rev Date: 1/15/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 500,000	ManDays: 1220	Alt No: TYLHD 00402	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-53411-13) AER LHD1-00402, MODIFY/INSTALL SSTG CONTROLS, NOT INSTALLED	ACCOMPLISH AER LHD1-00402 WHICH MODIFIES AND INSTALLS THE SSTG CONTROLS. THE GLAND SEAL STEAM SYSTEM IS MODIFIED, AND IT ADDS THE AUX CONDENSER HOTWELL LEVEL CONTROL AND THE AUX AIR EJECTOR CONDENSATE TEMPERATURE CONTROL. POC: THOMAS BENNETT, 215-599-7001, ROCKIE.BENNETT@NGC.COM

Task/Abbreviation: I-53411-015- -AUX STM PP - CAR INSP**MJC:** EXECIJ83**Rev Date:** 11/30/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 100,000**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-53411-015) NSTM REQUIREMENT DUE.

IAW NSTM CH-505, PARA. 505-1.4, ENGAGE CONTRACTOR TO ACCOMPLISH COMPUTER AIDED RADIOGRAPHIC TESTING OF THE AUXILIARY STEAM SYSTEM PIPING, PRIOR TO AN INDUSTRIAL AVAILABILITY, FROM BOILER AUXILIARY STEAM STOPS TO ALL FDB SUPPLY ROOT VALVES, TO ALL MFP SUPPLY ROOT VALVES, TO ALL FIRE PUMP SUPPLY ROOT VALVES, TO ALL 600/150 PSI REDUCING STATION ROOT VALVES, AND INCLUDING AUXILIARY STEAM CROSS CONNECT PIPING, AS FOLLOWS: A. ESTABLISH SAFETY BOUNDARIES AROUND INSPECTED SYSTEM. B. OBTAIN ONE IMAGE AT EACH SELECTED AREA IN THE FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT TO WELDS, HANGERS, AND EXTERNAL CORROSION. 3. LOW POINTS. 4. EVERY 3 FEET ON STRAIGHT RUNS OF PIPE. 5. LOCATIONS WHERE THINNING IS SUSPECTED. C. CONTRACTOR TO PROVIDE INITIAL REPORT TO SHIP. D. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-53412-001- -(M)AUX STM SOOT BLOWER PP - UT**MJC:** EXECM121**Rev Date:** 3/22/2010**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:** NO**Lvl of Maint:** 1**Freq:** 60**Equip/Task:** 1**Matl Cost:** 225**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2

NSTM CH-221, PARA. 221-3.3.6.1 ISE ADVISORY 011-09,R181732Z30 GC:280000,MA:A5K0

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-53412-001)NSTM REQUIREMENT DUE

IAW NSTM CH-221, PARA. 221-3.3.6.1, VISUALLY INSPECT AND ULTRASONICALLY TEST THE SOOT BLOWER PIPING FROM STEAM ROOT VALVES TO SOOT BLOWER FLANGES INCLUDING ENTIRE DRAINAGE SYSTEM DOWN TO THE RESERVOIR AND LAST DRAIN VALVE AS FOLLOWS AND REPORT CONDITIONS FOUND TO THE NSA: A. REMOVE LAGGING AND INSULATION AND CLEAN PIPING TO BARE METAL AT TEST AREAS. B. OBTAIN FOUR (4) READINGS AT SELECTED AREA, 90 DEGREES APART IN THE FOLLOWING AREAS: 1. AT ALL BENDS. 2. AREAS ADJACENT TO HANGERS AND EXTERNAL CORROSION. 3. WHERE PIPE SIZE REDUCES. C. PRESERVE AND RELAG DISTURBED PIPING AREAS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B. D. ACCEPTANCE CRITERIA SHALL BE IAW NSTM 505.

NOTE: USE NAVSEA TECH MANUAL S-9221-D2-MMA-010 APPENDIX D., SECTION 10 AND 10.2 AND APPENDIX F., SECTION 2.4 AND FIGURE F-3 TO AID IN IDENTIFICATION OF THE EXTENT OF PIPING TO BE INSPECTED.

Task/Abbreviation: I-53412-007- -AUX STM PP - CAR INSP**MJC:** EXECIJ84**Rev Date:** 11/30/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 100,000**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-53412-007) NSTM REQUIREMENT DUE.

IAW NSTM CH-505, PARA. 505-1.4, ENGAGE CONTRACTOR TO ACCOMPLISH COMPUTER AIDED RADIOGRAPHIC TESTING OF THE AUXILIARY STEAM SYSTEM PIPING, PRIOR TO AN INDUSTRIAL AVAILABILITY, FROM BOILER AUXILIARY STEAM STOPS TO ALL FDB SUPPLY ROOT VALVES, TO ALL MFP SUPPLY ROOT VALVES, TO ALL FIRE PUMP SUPPLY ROOT VALVES, TO ALL 600/150 PSI REDUCING STATION ROOT VALVES, AND INCLUDING AUXILIARY STEAM CROSS CONNECT PIPING, AS FOLLOWS: A. ESTABLISH SAFETY BOUNDARIES AROUND INSPECTED SYSTEM. B. OBTAIN ONE IMAGE AT EACH SELECTED AREA IN THE FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT TO WELDS, HANGERS, AND EXTERNAL CORROSION. 3. LOW POINTS. 4. EVERY 3 FEET ON STRAIGHT RUNS OF PIPE. 5. LOCATIONS WHERE THINNING IS SUSPECTED. C. CONTRACTOR TO PROVIDE INITIAL REPORT TO SHIP. D. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-53621-004- -SPS-49 HE - RPR			MJC: EXECQ658		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 260	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53621-004)THE AN/SPS-49(V) RADAR COOLING WATER SYSTEM HEAT EXCHANGER REQUIRES REPAIR.	ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-53621-031- -SPS-49 HE - PLUG TB			MJC: EXECJ556		Rev Date: 6/10/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 260	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53621-031)DESIGNATED TUBES OF THE AN/SPS-49(V) RADAR COOLING WATER SYSTEM HEAT EXCHANGER REQUIRE PLUGGING.	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53621-032- -SPS-49 HE - REPL BUNDLE			MJC: EXECJ557		Rev Date: 6/10/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 260	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53621-032)THE TUBE BUNDLE OF THE AN/SPS-49(V) RADAR COOLING WATER SYSTEM HEAT EXCHANGER REQUIRES REPLACEMENT.	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53621-033- -SPS-49 HE - REPL TB			MJC: EXECJ558		Rev Date: 6/10/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 260	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53621-033)DESIGNATED TUBES OF THE AN/SPS-49(V) RADAR COOLING WATER SYSTEM HEAT EXCHANGER REQUIRE REPLACEMENT.	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53621-034- -SPS-49 HE - REPL ZINCS			MJC: EXECJ559		Rev Date: 6/10/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 260	ManDays: 4	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53621-034)ZINCS FOR THE AN/SPS-49(V) RADAR COOLING WATER SYSTEM HEAT EXCHANGER REQUIRE REPLACEMENT.	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53621-035- -SPS-49 HE - REROLL TB			MJC: EXECJ560		Rev Date: 6/10/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 260	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53621-035)TUBES OF THE AN/SPS-49(V) RADAR COOLING WATER SYSTEM HEAT EXCHANGER REQUIRE REROLLING.	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53621-036- -SPS-49 HE - RPR TB SH			MJC: EXECJ561		Rev Date: 6/10/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 260	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53621-036)TUBE SHEETS OF THE AN/SPS-49(V) RADAR COOLING WATER SYSTEM HEAT EXCHANGER REQUIRE REPAIR.	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53621-037- -SPS-49 HE - RPR TB SPRTS			MJC: EXECJ562		Rev Date: 6/10/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 260	ManDays: 5	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53621-037)THE TUBE SUPPORT PLATES OF THE AN/SPS-49(V) RADAR COOLING WATER SYSTEM HEAT EXCHANGER REQUIRE REPAIR.	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-53621-081- -ECW PMPS VIB TST - MRC G1P1			MJC: EXECIGH9		Rev Date: 2/29/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-53621-081)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-54111-001-A-FO XFR SYS NON-COMPSG - UT			MJC: EXECICL1		Rev Date: 6/8/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: X	Removal Required: NO
Lvl of Maint: 2	Freq: 0	Equip/Task: X	Matl Cost: 450	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-54111-001)THE NON-COMPENSATING-TYPE SHIP FUEL, FILL AND TRANSFER SYSTEM PIPING REQUIRES ULTRASONIC TESTING	ULTRASONICALLY-TEST THE NON-COMPENSATED-TYPE SHIP FUEL, FILL AND TRANSFER SYSTEM PIPING FROM STORAGE AND SERVICE TANKS, DECK FILL AND DISCHARGE SYSTEMS TO FUEL TRANSFER PUMPS AND VALVE MANIFOLDS IN MACHINERY SPACES AS FOLLOWS: A. CLEAN PIPING TO BARE METAL AT AREAS TO BE TESTED. B. OBTAIN FOUR (4) READINGS AT EACH SELECTED AREA, NINETY DEGREES (90 DEGS) APART IN THE FOLLOWING AREAS: 1. AT ALL BENDS (PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT TO HANGERS AND EXTERNAL CORROSION. 3. WHERE PIPE SIZE REDUCES C. PRESERVE DISTURBED PIPING AREAS. D. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. NOTE: 1. ULTRASONIC TESTING NOT REQUIRED ON MONEL PIPING. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-54112-012- -SHIPALT LHD1-73263K - ACCOMP			MJC: EXT YA923		Rev Date: 5/17/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10,350	ManDays: 130	Alt No: SALHD 73263 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-54112-12) SHIPALT LHD1-73263K, FUEL OIL COMP STABILITY IMPR, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-73263K WHICH THE FUEL COMPENSATING SYSTEM FOR THE LHD 1 CLASS IS A HYBRID SYSTEM THAT CONVERTS WINGWALL TANKS INTO COMPENSATED TANK GROUPS LOCATED PORT AND STARBOARD. EACH TANK GROUP CONSISTS OF STORAGE TANKS, A RECEIVING TANK, AND AN OVERFLOW/EXPANSION TANK CONNECTED IN SERIES. THE SYSTEM IS CONSIDERED A HYBRID SINCE ONLY THE WINGWALL TANKS ARE COMPENSATED AND THE DOUBLEBOTTOM TANKS ARE DESIGNATED FUEL STORAGE ONLY. CAPABILITY WILL BE PROVIDED TO TRANSFER FUEL BETWEEN THE WINGWALL AND DOUBLEBOTTOM TANKS. THROUGH SIMPLE DISPLACEMENT, AN EQUAL AMOUNT OF SEAWATER IS DISCHARGED OVERBOARD FROM THE OVERFLOW/EXPANSION TANK. THE EXPANSION TANK IS PROVIDED WITH AN OVERFLOW PIPE THAT WILL BE DESIGNATED THE SEAWATER OVERFLOW STANDPIPE. WHEN THE FUEL LEVEL IN ONE TANK REACHES THE LOWER SLUICE PIPE, THE FUEL FLOWS THROUGH THE SLUICE PIPE AND INTO THE NEXT TANK GROUP.

Task/Abbreviation: Q-54121-007- -FO XFR PMP - RPR			MJC: EXECQ684		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 3	Removal Required: YES	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,535	ManDays: 34	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54121-007)PUMP REQUIRES REPAIR	REMOVE THE ROTARY/SCREW PUMP TO THE SHOP. OPEN, CLEAN AND INSPECT ALL PUMP COMPONENTS. RECORD ROTOR AND HOUSING BORE DIAMETER, CLEARANCES AND RUNOUTS A. ACCOMPLISH NDT OF PUMP SHAFT AND ROTOR ASSEMBLY. REPAIR THE ROTARY/SCREW FUEL SERVICE PUMP PER CONDITION ASSESSMENT RECOMMENDATIONS. B. RESURFACE AND MACHINE SHAFT JOURNALS IN WAY OF PACKING AND BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. STONE/DRESS TIMING GEARS. E. RESURFACE AND MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. F. STONE/DRESS CASING MATING AND SEALING SURFACE. G. REPLACE PUMP ROTOR SHAFT AND KEY. H. REPLACE PUMP ROTOR ASSEMBLY AND ENSURE ROTOR TO CASING CLEARANCES. I. REPLACE LINER/SLEEVE ASSEMBLY. J. REPLACE PUMP CASING. K. REPLACE TIMING GEAR SET AND ENSURE PROPER CLEARANCES. L. REPLACE TIMING GEAR SPACERS. M. REPLACE THRUST WASHERS AND ENSURE PROPER CLEARANCES. N. REPLACE COUPLING. REASSEMBLE UNIT WITH NEW GASKET, BEARINGS, PACKING, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54121-022- -FO XFR PMP MOT-RWND				MJC: EXECJC27		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 2,940		ManDays: 54		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54121-022)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE FUEL TRANSFER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54121-023- -FO XFR PMP MOT - RPR				MJC: EXECJC28		Rev Date: 3/26/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 480		ManDays: 35		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54121-023)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE FUEL TRANSFER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-54121-024- -FO XFR PMP MOT BRG-REPL				MJC: EXECJC29		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 240		ManDays: 7		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54121-024)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE FUEL TRANSFER PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-54121-056- -FO XFR PMP - MRC A5F8				MJC: EXECIA68		Rev Date: 7/28/2009					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-54121-056)THE FUEL OIL TRANSFER PUMP REQUIRES ASSESSMENT.	ACCOMPLISH THE FUEL OIL TRANSFER PUMP ASSESSMENT IN ACCORDANCE WITH MRC A5F8 AS FOLLOWS: 1. CONDUCT VISUAL INSPECTION OF MOTOR-DRIVEN FUEL OIL TRANSFER PUMP, REDUCER (IF INSTALLED) AND MOTOR FOUNDATION. 2. CONDUCT VISUAL INSPECTION OF MOTOR-DRIVEN FUEL OIL TRANSFER PUMP UNIT (PUMP, MOTOR, AND REDUCER-IF INSTALLED). 3. PERFORM MOTOR-DRIVEN FUEL OIL TRANSFER PUMP OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-54121-057- -FO XFR PMP - MRC G1G2			MJC: EXECIA69		Rev Date: 7/12/2005					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 3	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-54121-057)THE FUEL OIL TRANSFER PUMP REQUIRES ASSESSMENT.	ACCOMPLISH THE FUEL OIL TRANSFER PUMP ASSESSMENT IN ACCORDANCE WITH MRC G1G2 AS FOLLOWS: 1. MEASURE FUEL OIL TRANSFER PUMP SHAFT ALIGNMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-54121-058- -FO XFR PMP - MRC G1G3			MJC: EXECIA70		Rev Date: 7/12/2005					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: 3	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-54121-058)THE FUEL OIL TRANSFER PUMP REQUIRES ASSESSMENT.	ACCOMPLISH THE FUEL OIL TRANSFER PUMP ASSESSMENT IN ACCORDANCE WITH MRC G1G3 AS FOLLOWS: 1. MEASURE FUEL OIL TRANSFER PUMP SHAFT ALIGNMENT (VERTICAL PUMP). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-54121-062- -FO XFR PMPS VIB TST - MRC G1P1			MJC: EXECIGI1		Rev Date: 6/20/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-54121-062)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-54121-069- -FO XFR SYS - MRC A5F9				MJC: EXECIIR8		Rev Date: 10/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-54121-069) THE FUEL OIL TRANSFER SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE FUEL OIL TRANSFER PUMP ASSESSMENT IN ACCORDANCE WITH MRC A5F9 AS FOLLOWS: 1. INSPECT FUEL OIL TRANSFER SYSTEM WHEN DIRECTED BY INSURV . REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-54121-070- -FO XFR SYS - MRC A5F8				MJC: EXECIIR9		Rev Date: 10/10/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-54121-070) THE FUEL OIL TRANSFER SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE FUEL OIL TRANSFER PUMP ASSESSMENT IN ACCORDANCE WITH MRC A5F8 AS FOLLOWS: 1. CONDUCT VISUAL INSPECTION OF MOTOR-DRIVEN FUEL OIL TRANSFER PUMP, REDUCER (IF INSTALLED) AND MOTOR FOUNDATION. 2. CONDUCT VISUAL INSPECTION OF MOTOR-DRIVEN FUEL OIL TRANSFER PUMP UNIT (PUMP, MOTOR, AND REDUCER-IF INSTALLED). 3. PERFORM MOTOR-DRIVEN FUEL OIL TRANSFER PUMP OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-54121-071- -FO XFR SYS - MRC A5F7			MJC: EXECIIS0		Rev Date: 10/10/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 3	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-54121-071) THE FUEL OIL TRANSFER SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE FUEL OIL TRANSFER PUMP ASSESSMENT IN ACCORDANCE WITH MRC A5F7 AS FOLLOWS: 1. ULTRASONICALLY TEST FUEL OIL TRANSFER SYSTEM PIPING. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-54211-001-A-JP5 SVCE PP - UT**MJC:** EXECICK0**Rev Date:** 12/16/2004**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** X**Removal Required:** NO**Lvl of Maint:** 2**Freq:** 0**Equip/Task:** X**Matl Cost:** 450**ManDays:** 9**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-54211-001)THE JP-5 SERVICE AND FILLING
SYSTEM PIPING REQUIRES ULTRASONIC TESTINGULTRASONICALLY-TEST THE JP-5 SERVICE AND FILLING SYSTEM
PIPING FROM STORAGE AND SERVICE TANKS, DECK FILL AND
DISCHARGE SYSTEMS TO JP-5 TRANSFER PUMPS AND VALVE
MANIFOLDS IN MACHINERY SPACES AS FOLLOWS: A. CLEAN
PIPING TO BARE METAL AT AREAS TO BE TESTED. B. OBTAIN FOUR
(4) READINGS AT EACH SELECTED AREA, NINETY DEGREES (90
DEGS) APART IN THE FOLLOWING AREAS: 1. AT ALL BENDS
(PARTICULARLY THE OUTSIDE RADIUS). 2. AREAS ADJACENT TO
HANGERS AND EXTERNAL CORROSION. 3. WHERE PIPE SIZE
REDUCES C. PRESERVE AND RELAG DISTURBED PIPING AREAS. D.
REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: D-54211-015- -SHIPALT LHD1-78335D - ACCOMP			MJC: EXSAD707		Rev Date: 12/10/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 78335 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-54211-15) SHIPALT LHD1-78335D, INSTALL MOGAS JETTISON RACK, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-78335D (EQUIVALENT TO SCD 8335) WHICH INSTALLS A MOGAS JETTISON RACK. THE INSTALLATION IS IN ACCORDANCE WITH COMMARFORPAC G4 MSG 281738Z NOV 08 AND DIRECTOR OF OPERATIONS (HQ) (PO) LTR 4700 POE OF 03 OCT 08. THIS ALTERATION MUST ACCOMODATE MEU MOGAS 990 GALS AND MEB 4,950 GALS. POC: CONRADO CAJIGAS, 619-437-2704, CONRADO.CAJIGAS@NAVY.MIL

Task/Abbreviation: Q-54221-002- -CNTFGL JP5 PMP - RPR**MJC:** EXECQ694**Rev Date:** 8/4/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:** NO**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,800**ManDays:** 40**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-54221-002)CENTRIFUGAL JP-5 PUMP REQUIRES REPAIR

OPEN THE PUMP CASING. DISCONNECT COUPLING AND REMOVE THE ROTATING ELEMENT. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT A VIBRATION TEST. P. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54221-003- -JP5 PMP - RPR**MJC:** EXECQ695**Rev Date:** 9/7/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,800**ManDays:** 40**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-54221-003)PUMP REQUIRES REPAIR

DISCONNECT THE PUMP COUPLING AND REMOVE THE PUMP TO THE SHOP. OPEN PUMP CASING. CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. ACCOMPLISH NDT OF PUMP SHAFT, SHAFT SLEEVE AND SHAFT SPACER SLEEVE. B. RESURFACE AND MACHINE SHAFT JOURNALS. C. REPLACE PUMP SHAFT. D. REPLACE PUMP SHAFT SLEEVES. E. REPLACE PUMP SHAFT SPACER SLEEVES. F. REPLACE IMPELLER(S) (OEM OR COMPOSITE). G. MACHINE IMPELLER(S) TO REQUIRED DIMENSIONS AND FIT KEY. H. MACHINE AND FIT WEARING RINGS. I. REPLACE WEARING RINGS. J. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. K. REPLACE STAGE PIECE(S). L. REPAIR CASING AND BEARING HOUSINGS USING WELD/AUTHORIZED COATING SYSTEM. M. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. N. REPLACE COUPLING. O. CONDUCT A VIBRATION TEST. P. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, AND PACKING/MECHANICAL SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.

Task/Abbreviation: Q-54221-008- -JP5 PMP - RPR**MJC:** EXECQ700**Rev Date:** 9/7/2006**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 2**Removal Required:** YES**Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 900 **ManDays:** 20 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 2**Reason:** BASELINE
Problem Description: (Q-54221-008)PUMP REQUIRES REPAIR**Recommended Solution:**
REMOVE THE ROTARY/VANE PUMP. OPEN, CLN AND INSP PUMP CASING. INSPECT ALL COMPONENTS. RECORD ROTOR & HOUSING BORE DIA, CLEARANCES & RUNOUTS & REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. ACCOMPLISH NDT PUMP SHAFT, ROTOR ASSY, LINER/SLEEVE & DISCS. B. RESURFACE & MACHINE SHAFT JOURNALS IN WAY OF PACKING & BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. RESURFACE & MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. E. STONE/DRESS CASING MATING AND SEALING SURFACE. F. REPLACE PUMP ROTOR SHAFT AND KEY. G. REPLACE PUMP ROTOR ASSY & ENSURE ROTOR TO CASING CLEARANCES. H. REPLACE PUSH RODS AND VANES. I. REPLACE LINER/SLEEVE ASSY. J. REPLACE PUMP CASING AND DISCS. K. REPLACE PUMP TO REDUCTION GEAR COUPLING. L. REPLACE MOTOR TO REDUCTION GEAR COUPLING. M. REPAIR PRESSURE CONTROL VALVE ASSY. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, PACKING, MECHANICAL SEALS, LOCKNUTS, LOCKWASHERS, O RINGS & KEYS. RECORD POST-REPAIR CLEARANCES & RUNOUTS. ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54221-010- -JP5 XFR PMP (RTRY SCREW) - RPR			MJC: EXECQ460		Rev Date: 10/6/2003
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,800	ManDays: 40	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-010)PUMP REQUIRES REPAIR	REMOVE THE ROTARY/SCREW PUMP TO THE SHOP. OPEN PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD ROTOR AND HOUSING BORE DIAMETER, CLEARANCES AND RUNOUTS A. ACCOMPLISH NDT OF PUMP SHAFT AND ROTOR ASSEMBLY. B. RESURFACE AND MACHINE SHAFT JOURNALS IN WAY OF PACKING AND BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. STONE/DRESS TIMING GEARS. E. RESURFACE AND MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. F. STONE/DRESS CASING MATING AND SEALING SURFACE. G. REPLACE PUMP ROTOR SHAFT AND KEY. H. REPLACE PUMP ROTOR ASSEMBLY AND ENSURE ROTOR TO CASING CLEARANCES. I. REPLACE LINER/SLEEVE ASSEMBLY. J. REPLACE PUMP CASING. K. REPLACE TIMING GEAR SET AND ENSURE PROPER CLEARANCES. L. REPLACE TIMING GEAR SPACERS. M. REPLACE THRUST WASHERS AND ENSURE PROPER CLEARANCES. N. REPLACE COUPLING. REASSEMBLE UNIT WITH NEW GASKET, BEARINGS, PACKING, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-54221-016- -JP5 PURIFIER - INSP			MJC: EXECI268		Rev Date: 7/2/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required: NO	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-54221-016)THE JP-5 PURIFIER REQUIRES INSPECTION	INSPECT AND TEST THE JP-5 PURIFIER UNIT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. INCLUDE: A. ALARM AND SAFETY DEVICES. B. OPERATIONAL TEST. C. VIBRATION ANALYSIS SURVEY. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-54221-017- -JP5 PURIFIER - RPR			MJC: EXECQAC6		Rev Date: 4/21/2004	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 4	Removal Required: YES
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 12,500	ManDays: 104	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-017)PURIFIER REQUIRES REPAIR	REPAIR THE JP-5 PURIFIER PER CONDITION ASSESSMENT RECOMMENDATIONS. DRAIN OIL. REMOVE AND DISASSEMBLE THE PURIFIER CONSISTING OF THE FOLLOWING ASSEMBLIES: BOWL, BRAKE, COVER, SPEED INDICATOR, BOWL SPINDLE, WORM WHEEL AND DRIVE. CLEAN AND INSPECT COMPONENTS FOR WEAR OR DEFECTS. REPLACE ALL PARTS FOUND TO BE DEFECTIVE. BALANCE THE BOWL ASSEMBLY. REPLACE BEARINGS, SLEEVES, COLLARS, SPRINGS, RETAINING RINGS, GASKETS, SEALS AND O-RINGS. REASSEMBLE AND INSTALL PURIFIER. REFILL SUMP WITH CLEAN LUBE OIL. REALIGN MOTOR TO PURIFIER. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54221-023- -JP5 PURIFIER MOT-RWND				MJC: EXECJC15		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,446		ManDays: 31		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-023)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE JP-5 PURIFIER ELECTRIC MOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54221-024- -JP5 PURIFIER MOT-RPR				MJC: EXECJC16		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 396		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-024)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE JP-5 PURIFIER ELECTRIC MOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-54221-025- -JP5 PURIFIER MOT BRG-REPL				MJC: EXECJC17		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 198		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-025)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE JP-5 PURIFIER ELECTRIC MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54221-026- -JP5 PMP MOT-RWND				MJC: EXECJC18		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,640		ManDays: 50		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-026)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE JP-5 PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54221-027- -JP5 PMP MOT-RPR				MJC: EXECJC19		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 12		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 480		ManDays: 30		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-027)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE JP-5 PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-54221-028- -JP5 PMP MOT BRG-REPL				MJC: EXECJC20		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 12		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 240		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-028)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE JP-5 PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54221-035- -JP5 PMP MECH SEAL - REPL				MJC: EXECJDX3		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 580		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-035)PUMP SEAL REQUIRES REPLACEMENT	REPLACE, IN-PLACE, THE PUMP MECHANICAL SEAL ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54221-037- -JP5 PMP RT ASSY - RPR			MJC: EXECJDX5		Rev Date: 3/7/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 875	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-037)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TOTAL INDICATOR READING (TIR). REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-54221-038- -JP5 PMP MECH SEAL - REPL				MJC: EXECJDX6		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 580		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-038)PUMP SEAL REQUIRES REPLACEMENT	REPLACE THE PUMP MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54221-039- -JP5 PMP WEAR RINGS - REPL				MJC: EXECJDX7		Rev Date: 3/7/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 875		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-039)PUMP WEARING RING REQUIRES REPLACEMENT	REMOVE THE PUMP SUCTION CASING. DISASSEMBLE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-54221-040- -JP5 PMP RT ASSY - RPR			MJC: EXECJDX8		Rev Date: 3/7/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 875	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-040)PUMP ROTATING ASSEMBLY REQUIRES REPAIR	REMOVE THE PUMP SUCTION CASING. REMOVE ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TOTAL INDICATOR READING (TIR). REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-54221-047- -JP5 PMP ROTOR ASSY - REPL				MJC: EXECJDY5		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,875		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-047)PUMP ROTOR AND LINER SLEEVE REQUIRES REPLACEMENT	REPLACE THE ROTARY/VANE JP-5 PUMP ROTOR ASSY AND LINER SLEEVE. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, PACKING, MECHANICAL SEALS, LOCKNUTS, LOCKWASHERS, O RINGS & KEYS. RECORD POST-REPAIR CLEARANCES & RUNOUTS. ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54221-048- -JP5 PMP HEAD ASSY - REPL				MJC: EXECJDY6		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 425		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-048)PUMP HEAD ASSEMBLY REQUIRES REPLACEMENT	REPLACE THE ROTARY/VANE JP-5 PUMP HEAD ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, PACKING, MECHANICAL SEALS, LOCKNUTS, LOCKWASHERS, O RINGS & KEYS. RECORD POST-REPAIR CLEARANCES & RUNOUTS. ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54221-049- -JP5 PMP VANES - REPL				MJC: EXECJDY7		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,200		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-049)PUMP ROTOR SLEEVE, RODS AND VANES REQUIRE REPLACEMENT	REPLACE THE ROTARY/VANE JP-5 PUMP ROTOR SLEEVE, RODS AND VANES. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, PACKING, MECHANICAL SEALS, LOCKNUTS, LOCKWASHERS, O RINGS & KEYS. RECORD POST-REPAIR CLEARANCES & RUNOUTS. ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54221-050- -JP5 PMP CPLG - REPL				MJC: EXECJDY8		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 793		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-050)PUMP COUPLING REQUIRES REPLACEMENT	REPLACE THE ROTARY/VANE JP-5 PUMP COUPLINGS AS REQUIRED. RECORD POST-REPAIR CLEARANCES & RUNOUTS. ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54221-052- -JP5 RTRY VANE PMP - REPL				MJC: EXECJDZ0		Rev Date: 8/6/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 23,577		ManDays: 14		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-54221-052)PUMP REQUIRES REPLACEMENT				ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-54221-061- -JP5 STR PMP/SYS - MRC G1K5**MJC:** EXECIA76**Rev Date:** 5/2/2008**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 5**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-54221-061)THE JP-5 STRIPPING PUMP AND STRIPPING SYSTEM REQUIRES ASSESSMENT.

ACCOMPLISH THE JP-5 STRIPPING PUMP AND STRIPPING SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC G1K5 AS FOLLOWS: 1. INSPECT JP-5 STRIPPING PUMP. 2. TEST OPERATION OF JP-5 STRIPPING SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-54221-064- -JP5 XFR PMP/SYS - MRC G1K6			MJC: EXECIA79		Rev Date: 10/23/2009					
RCM Analysis: 12/5/2005		Scheduled: N		Sit Reqs:		Qty: 9	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-54221-064)THE JP-5 TRANSFER PUMP AND TRANSFER SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE JP-5 TRANSFER PUMP AND TRANSFER SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC G1K6 AS FOLLOWS: 1. INSPECT JP-5 TRANSFER PUMP. 2. TEST OPERATION OF JP-5 TRANSFER SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-54221-066- -JP5 PURIFIER/SYS - MRC G1K7**MJC:** EXECIA81**Rev Date:** 7/21/2005**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 9**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-54221-066)THE JP-5 PURIFIER AND JP-5
PURIFICATION SYSTEM REQUIRES ASSESSMENT.ACCOMPLISH THE JP-5 PURIFIER AND JP-5 PURIFICATION SYSTEM
ASSESSMENT IN ACCORDANCE WITH MRC G1K7 AS FOLLOWS: 1.
INSPECT JP-5 PURIFIER. 2. TEST OPERATION OF JP-5 PURIFICATION
SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: I-54221-074- -PMP/PUR VIB TST - MRC G1P1			MJC: EXECIGI3		Rev Date: 4/28/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-54221-074)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-54221-075- -JP5 PMP (ROT SCRW) MCH SEL REP				MJC: EXECQCD8		Rev Date: 3/16/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 500		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-075)PUMP SEAL REQUIRES REPLACEMENT	REPLACE THE ROTARY SCREW JP5 PUMP MECHANICAL SEAL, FASTENERS, O-RINGS, AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54221-076- -JP5 RTRY/SCREW PMP - REPL			MJC: EXTYA873		Rev Date: 1/21/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,000	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-076)PUMP REQUIRES REPLACEMENT	REMOVE THE JP5 ROTARY/SCREW PUMP. REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54221-077- -RTRY/SCREW PMP ROTNG ASSY-REPL			MJC: EXTYA874		Rev Date: 1/21/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,000	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-077)JP5 ROTARY/SCREW PUMP ROTATING ASSEMBLY REQUIRES REPLACEMENT	REMOVE THE JP5 ROTARY/SCREW PUMP ROTATING ASSEMBLY. REPLACE WITH NEW ROTATING ASSEMBLY, BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54221-078- -JP5 RTRY/SCREW PMP BRGS - REPL				MJC: EXECQCD9		Rev Date: 1/21/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-078)PUMP SEALS AND BEARINGS REQUIRE REPLACEMENT	REPLACE THE JP5 ROTARY/SCREW PUMP BEARINGS, MECHANICAL SEAL, FASTENERS, O-RINGS, AND KEYS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54221-079- -JP5 PURIFIER CRIT HOSE - REPL			MJC: EXECQCR7		Rev Date: 12/15/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 2	Freq: 240	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-079) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE JP-5 PURIFIER CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.	REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE JP-5 PURIFIER CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A). REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B). FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C). REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D). ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E). INSTALL A NEW IDENTIFICATION TAG. F). INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G). ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: Q-54221-080- -LCAC FO PUR CRIT HOSE - REPL			MJC: EXECQCS4		Rev Date: 12/15/2009	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty:	Removal Required:
Lvl of Maint: 2	Freq: 144	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265						

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54221-080) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE LCAC FUEL OIL PURIFIER CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.	REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE LCAC FUEL OIL PURIFIER CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A). REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B). FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C). REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D). ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E). INSTALL A NEW IDENTIFICATION TAG. F). INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G). ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: I-55111-003- -(M)HP AIR MOIST SEP FLASK-CERT				MJC: EXECM129		Rev Date: 9/10/2008	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty: 3	Removal Required: NO	
Lvl of Maint: 1		Freq: 120	Equip/Task: 1	Matl Cost:	ManDays: 30	Alt No:	
Referenced Authority:			Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-55111-003)NSTM REQUIREMENT TO RECERTIFY ALL HP MOISTURE S EPARATOR FLASKS EVERY 10 YEARS IS DUE.	CERTIFY HP AIR MOISTURE SEPARATOR FLASK IAW NSTM CH-551 PARAGRAPH 551-4.7.1.3.2.2 USING ONE OF THE FOLLOWING PROCEDURES: A. SHEAR WAVE ULTRASONIC EXAMINATION IAW NAVSEA 03ME PROCEDURES UTFIP-1 AND UTFI P-2. B. ACOUSTIC EMISSION TEST IAW NAVSEA 03L AND NAVSEA 03 M APPROVED PROCEDURES. UPON SUCCESSFUL COMPLETION OF TEST A TTACH NEW TEST LABEL PLATE. NOTE: SPEC DEVELOPED TO BE IAW SWT 551-01. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "A S-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF T HE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAI NST 4790.8B.

Task/Abbreviation: I-55111-004- -HPAC IMD DEW POINT - MRC F3VX				MJC: EXECI214		Rev Date: 5/5/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required: NO			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-55111-004)THE HIGH PRESSURE AIR SYSTEM REQUIRES INSPECTION	INSPECT AND TEST THE HIGH PRESSURE AIR SYSTEM. DETECT LEAKS USING SOAP TEST METHOD. TEST, ADJUST AND SET THE OPERATION OF CONTROLS, INCLUDING SOLENOIDS, CUT-OUT SWITCHES AND THERMOSTATS. ACCOMPLISH MINOR REPAIRS TO CONTROLS, PIPING AND VALVES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-55111-008- -HP AIR SYS - RPR			MJC: WxecQ001		Rev Date: 4/29/1999
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55111-008)HP AIR SYSTEM REQUIRES REPAIR	REPAIR THE HIGH PRESSURE AIR SYSTEM BASED ON CONDITION ASSESSMENT. DETECT LEAKS USING PRESSURE DROP TEST FOLLOWED BY SOAP TEST METHOD. TEST, ADJUST AND SET THE OPERATION OF CONTROLS, INCLUDING SOLENOIDS, CUT-OUT SWITCHES AND THERMOSTATS. ACCOMPLISH MINOR REPAIRS TO CONTROLS, PIPING AND VALVES. CUTOUT AND WELD REPAIR DESIGNATED PIPING AND COMPONENTS. SHOP REPAIR/REPLACE DESIGNATED VALVES, SWITCHES AND CONTROLS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP.

Task/Abbreviation: O-55111-014- -MACHALT 545 ACCOMP			MJC: EXSAO025		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: MA 545
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-55111-14) MACHALT 545, INTERST MEMBRANE DEHYD (RIX), NOT ACCOMPLISHED	ACCOMPLISH MACHALT 545 WHICH REMOVES THE EXISTING HIGH-PRESSURE AIR DEHYDRATOR (HPAD) AND MOISTURE SEPARATOR AND REPLACES WITH HP AIR PIPING. REMOVE THE POWER SUPPLY FOR THE HPAD, AND ELECT. COMPRESSOR/ DEHYDRATOR INTERLOCK USED FOR DEHYDRATION TIMER. REMOVE THE HPAD AND M/S FOUNDATIONS. INSTALL NEW IMD. THE APPLICATION OF NEW MEMBRANE TECHNOLOGY, WILL GREATLY INCREASE RELIABILITY AND ELIMINATE WATER-RELATED FAILURES. IN ADDITION, THE INTRODUCTION OF THIS TECHNOLOGY PROMISES SUBSTANTIAL SAVINGS IN MAINTENANCE REQUIREMENTS.

Task/Abbreviation: A-55111-015- -AER LHD1-02798 - ACCOMP			MJC: EXTYA588		Rev Date: 9/21/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: AER 02798 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-55111-15) AER LHD1-02798, REP #1 & 2HPAC W/ DUPLEX STRNR, NOT ACCOMPLISHED	ACCOMPLISH AER LHD1-02798 WHICH REPLACES EXISTING HPAC DUPLEX OR WYE STRAINERS WITH "HELLAN" STRAINERS NOT ADDRESSED BY SHIPALT LHD 1-152, S/W SYS REDUCED MAINT STRAINERS AND AER NO. 2797, DISTILLING PLANT SEA WATER STRAINERS. POC: KEVIN DRISCOLL, 215-907-1403, KEVIN.DRISCOLL@NAVY.MIL OR MICHAEL BENHAM, 215 897 1402, MICHAEL.BENHAM@NAVY.MIL

Task/Abbreviation: Q-55111-022- -HP AIR SYS (SEALS)- REPL				MJC: EXECJAL7		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 156		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-55111-022)SEAL REQUIRES REPLACEMENT				REPLACE THE HIGH PRESSURE AIR SYSTEM O-RING SEALS. DETECT LEAKS USING FIRST PRESSURE DROP TEST, THEN SOAP TEST METHOD.					

Task/Abbreviation: Q-55111-023- -HP AIR SYS (RDCR VLV)- RPR				MJC: EXECJAL8		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 375		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-55111-023)REDUCING VALVE REQUIRES REPAIR				REPAIR THE HIGH PRESSURE AIR SYSTEM REDUCING VALVE (MAROTTA TYPE). DETECT LEAKS USING FIRST PRESSURE DROP TEST, THEN SOAP TEST METHOD.					

Task/Abbreviation: I-55111-032- -HPAD (RIX) TST DEW PT-MRC C7ET			MJC: EXECIA96		Rev Date: 9/19/2008
RCM Analysis: 8/2/2004	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-55111-032)THE RIX INTER-STAGE MEMBRANE DEHYDRATOR (IMD) REQUIRES ASSESSMENT.	ACCOMPLISH THE RIX INTER-STAGE MEMBRANE DEHYDRATOR (IMD) ASSESSMENT IN ACCORDANCE WITH MRC C7ET AS FOLLOWS: 1. TEST RIX INTER-STAGE MEMBRANE DEHYDRATOR (IMD) OUTLET DEW POINT. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-55111-033- -HPAD (DRESSER-RAND) - MRC C7EU			MJC: EXECIA97		Rev Date: 12/12/2007
RCM Analysis: 8/2/2004	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-55111-033)THE DRESSER-RAND INTER-STAGE MEMBRANE DEHYDRATOR (IMD) REQUIRES ASSESSMENT.	ACCOMPLISH THE DRESSER-RAND INTER-STAGE MEMBRANE DEHYDRATOR (IMD) ASSESSMENT IN ACCORDANCE WITH MRC C7EU AS FOLLOWS: 1. TEST DRESSER-RAND INTER-STAGE MEMBRANE DEHYDRATOR (IMD) FROST-POINT AT OUTLET OF COMPRESSOR. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: D-55111-044- -SHIPALT LHD1-00483D - ACCOMP			MJC: EXSAD529		Rev Date: 4/13/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,000	ManDays: 60	Alt No: SALHD 00483 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-55111-44) SHIPALT SHIPALT LHD1-00483D , INSTALL LP AIR FLASKS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00483D WHICH INSTALLS LP AIR FLASKS IN CHT PUMP ROOMS EQUIPPED WITH EDDY MODEL CC3000 CHT PUMPS WHICH ENABLES THE SHIP'S FORCE TO PUMP CHT TANKS IN THE EVENT SHIP SERVICE AIR IS LOST.

Task/Abbreviation: D-55111-045- -SHIPALT LHD1-03283D - ACCOMP			MJC: EXSAD532		Rev Date: 7/12/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,000	ManDays: 60	Alt No: SALHD 03283 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-55111-45) SHIPALT SHIPALT LHD1-03283D, INSTALL LP AIR FLASKS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03283D WHICH INSTALLS LP AIR FLASKS IN CHT PUMP ROOMS EQUIPPED WITH EDDY MODEL CC3000 CHT PUMPS WHICH ENABLES THE SHIP'S FORCE TO PUMP CHT TANKS IN THE EVENT SHIP SERVICE AIR IS LOST.

Task/Abbreviation: I-55121-001- -(M)LP AIR RCVR - CERT		MJC: EXECM130	Rev Date: 10/21/2008		
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 6	Removal Required: NO	
Lvl of Maint: 1	Freq: 120	Equip/Task: 1	Matl Cost: 1,350	ManDays: 30	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-55121-001)NSTM REQUIREMENT DUE	IAW NSTM CH-551, PARA. 551-1.5.5, OPEN, CLEAN, INSPECT, RECERTIFY AND PRESERVE THE LOW PRESSURE AIR RECEIVERS. RECERTIFICATION SHALL BE BY EITHER ULTRASONIC AND MAGNETIC PARTICLE OR HYDROSTATIC TEST. INSPECT THE EXTERIOR AND INTERIOR SURFACES FOR PITTING, DEFECTS AND DEFORMATION. WELD REPAIR PITTED AREAS BELOW ALLOWABLE MINIMUM WALL THICKNESS. PREPARE, PRIME AND PAINT INTERIOR AND EXTERIOR SURFACES. REINSTALL ACCESS COVERS USING NEW GASKETS. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, ATTACH NEW TEST LABEL PLATES AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: A-55121-025- -AER LHD1-01898 - ACCOMP				MJC: EXTYA647		Rev Date: 3/7/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:		Alt No: TYLHD 01898	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-55121-25) AER LHD1-01898, REPL ELEC DRY AIR DEHYDRATORS, NOT ACCOMPLISHED	ACCOMPLISH AER LHD1-01898 WHICH REPLACES EXISTING LARGER, HEAVIER, LESS DEPENDABLE, AND LESS EFFICIENT LP AIR DEHYDRATORS WITH LP AIR MEMBRANE DEHYDRATORS THAT HAVE PROVEN SUCCESSFUL ON OTHER SHIP CLASSES.

Task/Abbreviation: I-55131-018- -MEAS INLET AIR MOIST-MRC B6JG			MJC: EXECIAB8		Rev Date: 5/22/2008
RCM Analysis: 8/21/2006	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-55131-018)THE DRY AIR INLET AIR MOISTURE CONTENT REQUIRES MEASUREMENT.	MEASURE THE DRY AIR INLET AIR MOISTURE CONTENT IN ACCORDANCE WITH MRC B6JG AS FOLLOWS: 1. MEASURE INLET AIR MOISTURE CONTENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-55151-002- -HP AIR COMPR - RPR**MJC:** EXECQ770**Rev Date:****RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 6,210**ManDays:** 138**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-55151-002)COMPRESSOR REQUIRES REPAIR

DISASSEMBLE THE HP AIR COMPRESSOR (DRESSER-RAND) FOR EXAMINATION. MEASURE AND RECORD AS FOUND AND POST-REPAIRS DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NON-DESTRUCTIVE TESTING OF CONNECTING RODS, CRANKSHAFT AND PISTON ASSEMBLIES. REPORT CONDITIONS FOUND TO THE NAVAL SUPERVISING ACTIVITY (NSA). ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW GASKETS AND SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO COMPRESSOR. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE AND GRIND CRANKSHAFT JOURNALS. B. REPLACE CRANKSHAFT, CRANKSHAFT BEARINGS, CRANKPIN BEARING INSERTS, PISTON RING SETS. C. REPLACE OR REBUSH WRIST PINS. D. RESURFACE VALVE PLATES AND REPLACE VALVE STRIPS. E. HONE CYLINDERS. F. REPAIR UNLOADER ASSEMBLY. G. REPAIR LUBE OIL PUMP ASSEMBLY. H. FLUSH/CLEAN SEAWATER/JACKETWATER COOLANT SYSTEM, I. CALIBRATE GAGUES, SWITCHES, THERMOMETERS, INSTRUMENTS AND RELIEF VALVES, USE SWT 551-51 FOR GUIDANCE.

Task/Abbreviation: Q-55151-003- -HP AIR RIX COMPR - RPR**MJC:** EXECQBE4**Rev Date:** 11/19/2002**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 6,210**ManDays:** 138**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-55151-003)COMPRESSOR REQUIRES REPAIR

DISASSEMBLE, IN PLACE, THE HP AIR COMPRESSOR (RIX) FOR EXAMINATION. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NON-DESTRUCTIVE TESTING OF CONNECTING RODS, CRANKSHAFT, SWASHPLATE DRIVE ASSEMBLY AND PISTON ASSEMBLIES. REPORT CONDITIONS FOUND TO THE NAVAL SUPERVISING ACTIVITY (NSA). ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW GASKETS AND SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO COMPRESSOR. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE AND GRIND CRANKSHAFT JOURNALS. B. REPLACE CRANKSHAFT, CRANKSHAFT BEARINGS, CRANKPIN BEARING INSERTS, PISTON RING SETS. C. REPAIR INLET VALVES. D. REPAIR DISCHARGE VALVES. E. HONE CYLINDERS. F. REPAIR FINAL AIR CHECK VALVE. G. REPAIR LUBE OIL PUMP ASSEMBLY. H. REPAIR COOLANT PUMP. I. FLUSH/CLEAN SEAWATER/JACKETWATER COOLANT SYSTEM, J. CALIBRATE GAGES, SWITCHES, THERMOMETERS, INSTRUMENTS AND RELIEF VALVES, USE SWT 551-51 FOR GUIDANCE.

Task/Abbreviation: Q-55151-005- -HP AIR COMPR CLRS - RPR				MJC: EXECQ769		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required: NO			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,125		ManDays: 25		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55151-005)COOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE INTER AND AFTER COOLERS OF THE HIGH PRESSURE AIR COMPRESSOR PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE WATER BOXES FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FORM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O -RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE COOLER TUBES. B. REPLACE COOLER ZINCS. C. REMOVE INTER AND AFTER COOLERS TO SHOP FOR REPAIRS.

Task/Abbreviation: Q-55151-016- -HP AIR RIX COMPR AIR END - RPR**MJC:** EXECQBE5**Rev Date:** 11/19/2002**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 6,210**ManDays:** 138**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-55151-016)HIGH PRESSURE AIR COMPRESSOR
(RIX) REQUIRES REPAIRDISASSEMBLE THE RIX HIGH PRESSURE AIR COMPRESSOR
(RECIPROCATING) AIR END ONLY FOR EXAMINATION. MEASURE AND
RECORD AS-FOUND AND POST-REPAIRS DIMENSIONS, CLEARANCES
AND RUNOUTS. ACCOMPLISH NON-DESTRUCTIVE TESTING OF
CONNECTING RODS, CRANKSHAFT AND PISTON ASSEMBLIES.
REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ON
COMPLETION OF REPAIRS AS AUTHORIZED FROM THE FOLLOWING
LIST, REASSEMBLE UNIT USING NEW GASKETS AND SEALS. A.
RESURFACE VALVE PLATES AND REPLACE VALVE STRIPS. B. HONE
CYLINDERS. C. REPAIR UNLOADER ASSEMBLY. D. REPAIR HEAD
ASSEMBLIES. REPLACE MISSING AND/OR UNSERVICEABLE
FASTENERS. ADJUST CONTROLS AND ACCOMPLISH A
SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 551- 51 FOR
GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-55151-017- -HPAC CRIT HOSE - REPL			MJC: EXECM156		Rev Date: 6/1/2009	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty:	Removal Required:
Lvl of Maint: 2	Freq: 240	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265						

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55151-017) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE HIGH PRESSURE AIR COMPRESSOR CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.	REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE HIGH PRESSURE AIR COMPRESSOR CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A. REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B. FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C. REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D. ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E. INSTALL A NEW IDENTIFICATION TAG. F. INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G. ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: Q-55151-025- -HP AIR COMPR MOT-RWND				MJC: EXECJC21		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,650		ManDays: 36		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55151-025)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE HIGH PRESSURE AIR COMPRESSOR ELECTRIC MOTOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-55151-026- -HP AIR COMPR MOT-RPR				MJC: EXECJC22		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 400		ManDays: 22		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55151-026)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE HIGH PRESSURE AIR COMPRESSOR ELECTRIC MOTOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-55151-027- -HP AIR COMPR MOT BRG-REPL				MJC: EXECJC23		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 210		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55151-027)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE HIGH PRESSURE AIR COMPRESSOR ELECTRIC MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-55151-028- -HP AIR COMPR (AIR END) - RPR				MJC: EXECJAH7		Rev Date:				
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0	Equip/Task: 1		Matl Cost: 1,850		ManDays: 40		Alt No:	
Referenced Authority:				Repair Pool:		MCC: 2				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55151-028)AIR END OF HIGH PRESSURE AIR COMPRESSOR REQUIRES REPAIR	DISASSEMBLE, IN PLACE, THE HP AIR COMPRESSOR (DRESSER-RAND) AIR END ONLY FOR EXAMINATION. MEASURE AND RECORD AS FOUND AND POST-REPAIRS DIMENSIONS, CLEARANCES AND RUNOUTS. REPORT CONDITIONS FOUND TO THE NAVAL SUPERVISING ACTIVITY (NSA). ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW GASKETS AND SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE VALVE PLATES AND REPLACE VALVE STRIPS. B. HONE CYLINDERS. C. REPAIR UNLOADER ASSEMBLY. D. REPAIR HEAD ASSEMBLIES. USE SWT 551-51 FOR GUIDANCE.

Task/Abbreviation: Q-55151-029- -HP AIR COMPR (BOA) - RPR			MJC: EXECJAH8		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 695	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55151-029)HIGH PRESSURE AIR COMPRESSOR REQUIRES REPAIR	REMOVE HP AIR COMPRESSOR (DRESSER-RAND) FROM THE SHIP AND DELIVER TO OEM BOA REBUILD FACILITY UNDER CONTRACT (BOA) N00104-96-G-A012. RECORD AS FOUND AND POST REPAIR CONDITIONS. REPORT CONDITIONS FOUND TO NAVAL SUPERVISING ACTIVITY (NSA). ON COMPLETION OF REPAIRS INSTALL UNIT USING NEW GASKETS AND SEALS. REPLACE MISSING AND/OR UNSERVICABLE FASTENERS. ALIGN ELECTRIC MOTOR TO COMPRESSOR. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-55151-030- -RIX HP AIR COMPR (AIR END)-RPR				MJC: EXECJAH9		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,850		ManDays: 40		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55151-030)AIR END OF HIGH PRESSURE AIR COMPRESSOR (RIX) REQUIRES REPAIR	DISASSEMBLE, IN PLACE, THE HP AIR COMPRESSOR (RIX) AIR END ONLY FOR EXAMINATION. MEASURE AND RECORD AS FOUND AND POST-REPAIRS DIMENSIONS, CLEARANCES AND RUNOUTS. REPORT CONDITIONS FOUND TO THE NAVAL SUPERVISING ACTIVITY (NSA). ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW GASKETS AND SEALS. A. REPAIR INL ET VALVES. B. REPAIR DISCHARGE VALVES. C. HONE CYLINDERS. D. REPAIR HEAD ASSEMBLIES. E. REPLACE PISTON RINGS. F. REPLACE PISTONS. G. REPAIR FINAL AIR CHECK VALVE. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. USE SWT 551 -51 FOR GUIDANCE.

Task/Abbreviation: Q-55151-031- -RIX HP AIR COMPR (BOA) - RPR				MJC: EXECJAI0		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 695		ManDays: 14		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55151-031)HIGH PRESSURE AIR COMPRESSOR REQUIRES REPAIR	REMOVE HP AIR COMPRESSOR (RIX) FROM THE SHIP AND DELIVER TO OEM BOA REBUILD FACILITY UNDER CONTRACT (BOA) N00104-99-G-A004. RECORD AS FOUND AND POST REPAIR CONDITIONS. REPORT CONDITIONS FOUND TO NAVAL SUPERVISING ACTIVITY (NSA). ON COMPLETION OF REPAIRS INSTALL UNIT USING NEW GASKETS AND SEALS. REPLACE MISSING AND/OR UNSERVICABLE FASTENERS. ALIGN ELECTRIC MOTOR TO COMPRESSOR. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-55151-038- -HPAC 13/20NL20 - MRC G2J4**MJC:** EXECIAC5**Rev Date:** 8/3/2005**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-55151-038)THE HPAC 13/20NL20 REQUIRES ASSESSMENT.

ACCOMPLISH THE HPAC 13/20NL20 ASSESSMENT IN ACCORDANCE WITH MRC G2J4 AS FOLLOWS: 1. TEST ULTRASONIC DRAIN MONITORING SYSTEM SEPARATOR PROBES. 2. TEST LOW OIL PRESSURE SWITCH. 3. TEST FLASK AIR PRESSURE SWITCHES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-55151-042- -HPAC 5R5-75A - MRC G2P1				MJC: EXECIAC9		Rev Date: 8/3/2005					
RCM Analysis: 8/2/2004		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-55151-042)THE HPAC 5R5-75A REQUIRES ASSESSMENT.	ACCOMPLISH THE HPAC 5R5-75A ASSESSMENT IN ACCORDANCE WITH MRC G2P1 AS FOLLOWS: 1. OBSERVE OIL PUMP OPERATION. 2. TEST BACK-PRESSURE VALVE. 3. OBSERVE FRESH WATER PUMP OPERATION. 4. TEST RECEIVER AIR PRESSURE SWITCHES. 5. TEST OIL PRESSURE, CONDENSATE DRAIN SYSTEM, AND TEMPERATURE WARNING/SHUTDOWN SETTINGS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-55151-043- -HPAC 5R5-75A - MRC G2P2				MJC: EXECIAD0	Rev Date: 8/3/2005
RCM Analysis: 8/2/2004	Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-55151-043)THE HPAC 5R5-75A REQUIRES ASSESSMENT.	ACCOMPLISH THE HPAC 5R5-75A ASSESSMENT IN ACCORDANCE WITH MRC G2P2 AS FOLLOWS: 1. CONDUCT COMPRESSOR CAPACITY TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-55151-065- -HPAC VIB TST - MRC G1P1			MJC: EXECIGI5		Rev Date: 4/28/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-55151-065)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-55153-002- -LP AIR COMPR - RPR**MJC:** EXECQ774**Rev Date:****RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 8**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 4,950**ManDays:** 110**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-55153-002)COMPRESSOR REQUIRES REPAIR

DISASSEMBLE THE LOW PRESSURE AIR COMPRESSOR (RECIPROCATING) FOR EXAMINATION. MEASURE AND RECORD AS-FOUND AND POST-REPAIRS DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NON-DESTRUCTIVE TESTING OF CONNECTING RODS, CRANKSHAFT AND PISTON ASSEMBLIES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW GASKETS AND SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO COMPRESSOR. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RESURFACE AND GRIND CRANKSHAFT JOURNALS. B. REPLACE CRANKSHAFT, CRANKSHAFT BEARINGS, CRANKPIN BEARING INSERTS, PISTON RING SETS. C. REPLACE OR REBUSH WRIST PINS. D. RESURFACE VALVE PLATES AND REPLACE VALVE STRIPS. E. HONE CYLINDERS. F. REPAIR UNLOADER ASSEMBLY. G. REPAIR LUBE OIL PUMP ASSEMBLY.

Task/Abbreviation: Q-55153-006- -LP AIR COMPR (SCREW) - RPR			MJC: EXECQ777		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 5	Removal Required: YES	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,000	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55153-006)COMPRESSOR REQUIRES REPAIR	REPAIR LP AIR COMPRESSOR (SCREW) PER ASSESSMENT RECOMMENDATIONS. DISASSEMBLE TO THE EXTENT NECESSARY TO ACCOMPLISH REPAIRS. OPEN COVERS, CLEAN AND INSPECT ALL COMPONENTS. RECORD AS FOUND DIAMETERS, CLEARANCES AND MEASUREMENTS. REPORT CONDITIONS FOUND TO NSA. ACCOMPLISH NDT OF ROTOR ASSEMBLY. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS AND O-RINGS. REPLACE MISSING/UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO COMPRESSOR, ADJUST CONTROLS AND OPERATIONALLY TEST. A. RESURFACE AND MACHINE SHAFT JOURNALS. B. REPLACE CASING, COUPLING, LINER/SLEEVE ASSEMBLY, ROTOR ASSEMBLY, ROTOR SHAFTS, KEY, THRUST WASHERS, THRUST SPACERS AND TIMING GEAR SET. ENSURE PROPER CLEARANCES. C. RESURFACE COMPRESSOR CASING BORES USING AN AUTHORIZED COATING SYSTEM. D. STONE AND/OR DRESS BEARING HOUSING FIT AREAS, CASING MATING, SEALING SURFACE AND TIMING GEARS. E. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, SEALS, LOCKNUTS, LOCKWASHERS, O-RINGS AND KEYS. RECORD POST REPAIR RUNNING CLEARANCES AND RUNOUTS AND CONDUCT SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 551-53 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-55153-007- -LP AIR COMPR CLRS - INSP/RPR			MJC: EXECQ778		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 8	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 25	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55153-007)INTER AND AFTERCOOLER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE INTER AND AFTER COOLERS OF THE LP AIR COMPRESSOR PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE WATER BOXES FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. SUBMIT A REPORT OFCONDITIONS FOUND TO THE SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O-RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REPLACE COOLER TUBES. B. REPLACE COOLER ZINCS. C. REMOVE INTER AND AFTER COOLERS TO SHOP FOR REPAIRS. D. REPLACE COOLER.

Task/Abbreviation: Q-55153-013- -LP AIR COMPR MOT-RWND				MJC: EXECJC03		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 8		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,308		ManDays: 28		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-55153-013)ELECTRIC MOTOR REQUIRES REWINDING				REWIND THE LOW PRESSURE AIR COMPRESSOR ELECTRIC MOTOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-55153-014- -LP AIR COMPR MOT-RPR				MJC: EXECJC04		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 8		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 360		ManDays: 17		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55153-014)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE LOW PRESSURE AIR COMPRESSOR ELECTRIC MOTOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-55153-015- -LP AIR COMPR MOT BRG-REPL				MJC: EXECJC05		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 8		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 180		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55153-015)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE LOW PRESSURE AIR COMPRESSOR ELECTRIC MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-55153-031- -LPAC NAXI - MRC G2L1**MJC:** EXECIAG5**Rev Date:** 6/26/2008**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** TBD**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-55153-031)THE LPAC NAXI REQUIRES ASSESSMENT.

ACCOMPLISH THE LPAC NAXI ASSESSMENT IN ACCORDANCE WITH MRC G2L1 AS FOLLOWS: 1. TEST SHUTDOWN SWITCHES AND RELAYS. 2. TEST FRESH WATER INJECTION SYSTEM. 3. TEST UNLOADING SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-55153-032- -LPAC NAXI - MRC G2L2			MJC: EXECIAG6		Rev Date: 8/16/2005					
RCM Analysis: 8/2/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-55153-032)THE LPAC NAXI REQUIRES ASSESSMENT.	ACCOMPLISH THE LPAC NAXI ASSESSMENT IN ACCORDANCE WITH MRC G2L2 AS FOLLOWS: 1. CONDUCT COMPRESSOR CAPACITY TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-55153-033- -LPAC NAXI - MRC G2L3**MJC:** EXECIAG7**Rev Date:** 8/16/2005**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-55153-033)THE LPAC NAXI REQUIRES ASSESSMENT.

ACCOMPLISH THE LPAC NAXI ASSESSMENT IN ACCORDANCE WITH MRC G2L3 AS FOLLOWS: 1. TEST OPERATION OF ELECTRICAL/PNEUMATIC SEQUENCER PANEL. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-55153-044- -LPAC VIB TST - MRC G1P1			MJC: EXECIGI7		Rev Date: 4/28/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-55153-044)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-55211-002- -SHIPALT LHD1-00270K - ACCOMP				MJC: VXSAK002	Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required: NO
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 315,990	ManDays: 1871	Alt No: SALHD 00270 K
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-55211-2) NAVSEA AUTHORIZED SHIPALT	ACCOMPLISH SHIPALT LHD1-270K "INSTALL NITROGEN GENERATOR" WHICH WILL PROVIDE NITROGEN GAS FOR THE SHIP.

Task/Abbreviation: K-55211-003- -SHIPALT LHD1-03032K - ACCOMP		MJC: EXSAK228	Rev Date:		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 200,000	ManDays: 750	Alt No: SALHD 03032 K
Referenced Authority:	Repair Pool:	MCC: 3			
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(K-55211-3) NAVSEA AUTHORIZED SHIPALT	ACCOMPLISH SHIPALT LHD1-3032K "INSTALL NITROGEN GENERATOR" WHICH WILL PROVIDE NITROGEN GAS FOR THE SHIP.			

Task/Abbreviation: A-55511-008- -AER LHD1-00400 - ACCOMP			MJC: EXTYA504		Rev Date: 3/7/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 22,112	ManDays: 21	Alt No: TYLHD 00400
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-55511-8) AER LHD1-00400, TRI TECH ACTUATORS FOR ADAC, NOT ACCOMPLISHED	ACCOMPLISH AER LHD1-00400 WHICH REPLACES EXISTING ADAC VALVE ACTUATORS IN THE AFFF LOOP WITH TRI-TEC VALVE ACTUATORS AS FAILURES OCCUR IN ORDER TO CORRECT PROBLEMS WITH FLO-TORK VALVE ACTUATORS SUCH AS HEAVY COVERS, INADEQUATE CAM DESIGN, AND UNRELIABLE LIMIT SWITCHES.

Task/Abbreviation: K-55512-013- -SHIPALT LHD1-71420K - ACCOMP**MJC:** EXSAK711**Rev Date:** 1/12/2007**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:** NO**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 200**ManDays:** 800**Alt No:** SALHD 71420 K**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-55512-13) SHIPALT LHD1-71420K, AFFF H2S
TREATMENT SYSTEM, NOT ACCOMPLISHEDACCOMPLISH SHIPALT LHD1-71420K WHICH DEVELOPS AND
INSTALLS A TREATMENT SYSTEM WHICH WILL SLOWLY
RECIRCULATE THE AFFF SOLUTION LOOP AND ELIMINATE H2S. THE
APPROACH WILL BE A THREE PART APPROACH. PHASE 1 WILL
CONSIST OF A FLOW LOOP DESIGN WHICH WILL FOCUS THE MOST
EFFECTIVE DISINFECTING SYSTEM. THE TWO SYSTEMS UNDER
CONSIDERATION ARE A CHEMICAL SYSTEM AND A ULTRAVIOLET
SYSTEM. PHASE TWO WILL CONSIST OF BUILDING A LAND BASED
FLOW LOOP AND TESTING H2S CONTROL OPTIONS. PHASE 3 WILL
CONSIST OF DEVELOPING A SHIPBOARD DESIGN. POC: DOUG
BARYISKI, 202-781-3612, DOUGLAS.BARYLSKI@NAVY.MIL.

Task/Abbreviation: K-55512-014- -SHIPALT LHD1-71323K - ACCOMP			MJC: EXSAK717		Rev Date: 1/30/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 100	ManDays: 800	Alt No: SALHD 71323 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-55512-14) SHIPALT LHD1-71323K AFFF CONTROL VALVE RELOCATION, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71323K WHICH, RELOCATE AFFF SPRINKLING CONTROL VALVES FOR MMR'S AMR, AND PUMP ROOMS TO AS CLOSE AS POSSIBLE TO THTE AFFF MAIN, BUT DOWNSTREAM OF THE BRANCH CUTOUT VALVE. ADD A CONTROL VALVE IN THE BRANCH SERVING MMR AND AMR AFFF HOSE REELS. NEW CONTROL VALVE SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO THE AFFF MAIN, DOWNSTREAM OF THE BRANCH CUTOUT VALVE. SOPV'S FOR NEW CONTROL VALVES SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO SOPV'S SERVING SPRINKLING SYSTEMS FOR THE SAME SPACE. POC, DOUG BARYISKI, 202-781-3612, DOUGLAS.BARYLSKI@NAVY.MIL.

Task/Abbreviation: A-55531-008- -AER LHD1-03199 - ACCOMP				MJC: EXTYA183		Rev Date: 3/7/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:		Alt No: TYLHD 03199	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-55531-8) TYCOM AUTHORIZED ALTERATION	ACCOMPLISH AER LHD1-03199E "HALON ACTIVATION ALARM" WHICH INSTALLS HALON ACTIVATION ALARMS OUTSIDE THE ACCESS TO BOTH MAIN MACHINERY ROOM ESCAPE TRUNKS TO WARN PERSONNEL OF THE RELEASE OF HALON IN THE AFFECTED MAIN MACHINERY SPACES.

Task/Abbreviation: A-55541-001- -AER LHD1-05199 - ACCOMP			MJC: EXTAA50		Rev Date: 4/1/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 15,000	ManDays: 34	Alt No: TYLHD 05199
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-55541-1) AER LHD1-05199, REPL OF BOILER STM SMOTHER VLV, NOT ACCOMPLISHED	ACCOMPLISH AER LHD1-05199 WHICH REPLACES THE GATE VALVES IN THE BOILER STEAM SMOTHERING SYSTEM WITH GLOBE VALVES. POC: RICHARD BOHINCE, 757 896 5243, RICHARD.R.BOHINCE@NGC.COM

Task/Abbreviation: Q-55551-001- -WATER MIST PMP - RPR**MJC:** EXTYA892**Rev Date:** 7/1/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 900**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-55551-001)PUMP REQUIRES REPAIR

REPAIR THE RECIPROCATING PUMP OF THE WATER MIST FIRE EXTINGUISHING SYSTEM. DISASSEMBLE THE PUMP. CLEAN AND INSPECT ALL COMPONENTS. MEASURE AND RECORD AS-FOUND DIMENSIONS, CLEARANCES AND RUNOUTS. ACCOMPLISH NDT OF CRANKSHAFT, CONNECTING RODS, AND PISTON ASSEMBLIES. REPORT CONDITIONS FOUND TO THE NSA. A. RESURFACE/GRIND CRANKSHAFT AND CRANKPIN BEARING JOURNALS B. REPLACE CRANKSHAFT. C. REPLACE CRANKPIN BEARING INSERTS. D. REPLACE OR REBUSH WRIST PINS. E. REPLACE CRANKSHAFT BEARINGS. F. REPLACE PISTON RING SET(S). G. HONE CYLINDERS. H. REPAIR LUBE OIL PUMP ASSEMBLY. I. REPLACE V-BELTS. REASSEMBLE USING NEW GASKETS AND SEALS. REPLACE UNSERVICEABLE FASTENERS. MEASURE AND RECORD POST-REPAIR RUNNING CLEARANCES AND RUNOUTS. ALIGN DRIVER TO PUMP. ADJUST CONTROLS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-55551-002- -WATER MIST PMP MOT-RWND				MJC: EXECQCJ6		Rev Date: 5/16/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,720		ManDays: 69		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-55551-002)ELECTRIC MOTOR REQUIRES REWINDING				REWIND THE ELECTRIC MOTOR OF THE WATER MIST FIRE EXTINGUISHING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-55551-003- -WATER MIST PMP MOT-RPR				MJC: EXECQCJ7		Rev Date: 5/16/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 540		ManDays: 45		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55551-003)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE WATER MIST FIRE EXTINGUISHING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-55551-004- -WATER MIST PUMP MOT BRG-REPL			MJC: EXECQCJ8		Rev Date: 5/16/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 270	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55551-004)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE WATER MIST FIRE EXTINGUISHING PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-55611-005- -HPP UNIT CRIT HOSE - REPL			MJC: EXECQCR8		Rev Date: 12/15/2009
RCM Analysis:		Scheduled: Y	Sit Reqs:	Qty: 0	Removal Required:
Lvl of Maint: 2	Freq: 240	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:		MCC: 2	
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55611-005) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE HYDRAULIC POWER PACK UNIT CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.	REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE HYDRAULIC POWER PACK UNIT CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A. REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B. FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C. REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D. ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E. INSTALL A NEW IDENTIFICATION TAG. F. INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G. ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: Q-56111-004- -STRG HYDR PMP - RPR**MJC:** EXECQ962**Rev Date:** 4/8/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 2,250**ManDays:** 50**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 4**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-56111-004)PUMP REQUIRES REPAIR

OPEN THE PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD AS-FOUND AND POST REPAIRS DIMENSIONS AND CLEARANCES OF CYLINDER BARRELS, SHAFT TRUNNION BLOCK, PISTONS AND VALVE PLATE. ACCOMPLISH NON-DESTRUCTIVE TESTING OF PUMP DRIVE SHAFT, CYLINDER BARRELS AND VALVE PLATE. SUBMIT A REPORT OF CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, "O"-RINGS AND MECHANICAL SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. LAP CYLINDER BARREL & VLV PLATE SURFACES B. RPL BRNGS (THRUST,RADIAL) CONNECTING RODS, CYLINDER BARRELS, PISTONS, SHAFT(MN), SHAFT TRUNNION BLOCK, SOCKET RING, TILTING BLOCK AND VALVE PLATE. C. ACCOMPLISH HYDRAULIC OIL SYSTEM FLUSH.

Task/Abbreviation: Q-56111-005- -STRG GR RAM PACKING - REPL				MJC: EXECQ790		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required: YES			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 900		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-56111-005)STEERING GEAR RAM PACKING REQUIRES REPLACEMENT	REPLACE THE STEERING GEAR RAM PACKING AND SPLIT WIPER RINGS PER CONDITION ASSESSMENT RECOMMENDATIONS. STONE AND POLISH RAMS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-56111-026- -STRG HYDR PMP MOT-RWND				MJC: EXECJ975		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,940		ManDays: 54		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-56111-026)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE HYDRAULIC STEERING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-56111-027- -STRG HYDR PMP MOT - RPR				MJC: EXECJ976		Rev Date: 3/26/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 480		ManDays: 35		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-56111-027)ELECTRIC MOTOR REQUIRES RECONDITIONING				RECONDITION THE ELECTRIC MOTOR OF THE HYDRAULIC STEERING PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.					

Task/Abbreviation: Q-56111-028- -STRG HYDR PMP MOT BRG-REPL				MJC: EXECJ977		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 240		ManDays: 7		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-56111-028)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE HYDRAULIC STEERING PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-56111-047- -EMER STRG SYS - MRC A8ST			MJC: EXECIDA0		Rev Date: 12/1/2007					
RCM Analysis: 8/2/2004		Scheduled: N		Sit Reqs:		Qty: 2	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-56111-047)THE EMERGENCY STEERING SYSTEM REQUIRES OPERATIONAL TEST.	ACCOMPLISH THE EMERGENCY STEERING SYSTEM OPERATIONAL TEST IN ACCORDANCE WITH MRC A8ST AS FOLLOWS: 1. PERFORM EMERGENCY STEERING OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-56111-075- -STG PMPS VIB TST - MRC G1P1			MJC: EXECIGI8		Rev Date: 4/28/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-56111-075)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-56111-077- -STRG SYS - ASSESS IAW MRC A4Z8			MJC: EXECIHE3		Rev Date: 5/13/2008					
RCM Analysis: 6/19/2006		Scheduled: Y		Sit Reqs:		Qty: 0	Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 0		Matl Cost:		ManDays: 3	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				
RCM CERTIFIED REQUIREMENT NSWG MEMO SER 9730/JB 9/26/07 GC:080080,MA:A4Z8										
Reason:		Problem Description:				Recommended Solution:				
BASELINE		(I-56111-077) THE ELECTRO-HYDRAULIC STEERING SYSTEM REQUIRES ASSESSMENT.				ACCOMPLISH THE ELECTRO-HYDRAULIC STEERING SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC A4Z8 AS FOLLOWS: 1). INSPECT DIFFERENTIAL CONTROL (TRICKWHEEL) ASSEMBLY. 2). PERFORM COLD CHECKS. 3). DETERMINE STEERING SYSTEM MATERIAL CONDITION. 4). TEST EMERGENCY STEERING RELIEF VALVES. 5). CONDUCT STEERING SYSTEM EMERGENCY PUMP OPERATIONAL TEST. 6). CONDUCT STEERING SYSTEM OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.				

Task/Abbreviation: A-56111-121- -AER 04599 ACCOMPLISH				MJC: EXTAAAX0		Rev Date: 6/29/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No: AER 04599	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		AER 04599 MAIN STEERING SYS OIL COOLERS NOT ACCOMPLISHED				INDUSTRIAL- RECONFIGURE MAIN STEERING SYSTEM OIL COOLER.					

Task/Abbreviation: I-56211-001- -RUDDER STOCK - INSP/RPR**MJC:** EXECICV9**Rev Date:** 4/19/2005**RCM Analysis:** **Scheduled:** N **Sit Reqs:** D/D**Qty:** 2**Removal Required:** NO**Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 10,000 **ManDays:** 70 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:** **Problem Description:**

ROLLER CONTACT (I-56211-001)RUDDER REQUIRES INSPECTION AND REPAIR

Recommended Solution:

RPR THE RUDDER AS FOLLOWS: RMV INSPECTION PLATES FOR ACCESS TO RUDDER STOCK NUT(S). ACCOMP PRELIM AIR TEST. INSP ROLLER-CONTACT-TYPE BEARING IAW 0901-LP-430-0020, CHAPTER 244. RMV ROPE GUARDS AND REINSTALL UPON COMPLETION OF REPAIRS USING NEW FASTENERS. A. UNSHIP AND REINSTALL RUDDER IF REQUIRED (OPTIONAL). B. REPACK THE RUDDER STOCK STUFFING BOXES AND REFILL THE CAVITIES WITH LUBRICANT. C. REPL UPPER SEALS (LLTM). D. REPL LOWER SEALS (LLTM). E. PERFORM INSPECTION OF LOWER ROLLER-CONTACT-TYPE RUDDER BEARING. F. PERFORM INSPECTION OF UPPER ROLLER-CONTACT-TYPE RUDDER BEARING. G. SUBMIT RPRT OF FINDINGS FOR PARAGRAPHS E. AND F. H. CLAD WELD ____ SQUARE FEET OF RUDDER PLATING AS DESIGNATED AND ____ LINEAR FEET OF WELDED SEAMS. I. REPL ____ SQUARE FEET OF PLATING. J. RPR AND MACHINE BEARING HOUSING. K. RESURFACE AND MACHINE RUDDER STOCK. L. AIR TEST FOR TIGHTNESS. COAT RUDDER(S) INTERNALS. REINSTALL INSPECT PLATES. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-56211-002- -RUDDER - INSP				MJC: EXECI365		Rev Date: 8/16/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			
FLEET REQUIREMENTS NSTM CHAPTER 244 PARA 244-5.4 GC:08ABKM,MA:1300											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-56211-002)THE RUDDER POST BEARING (WATERBORNE) REQUIRES CLEARANCE MEASUREMENT				MEASURE RUDDER POST BEARING CLEARANCES (WATERBORNE) UTILIZING THE WATERBORNE DIAL INDICATOR PROCEDURE IN NSTM S9086-HN-STM-010/CH 244, SECTION 5. REPORT CONDITIONS FOUND TO SHIP'S CSMP. NOTE: ACCOMPLISH 9-12 MONTHS PRIOR TO A DRYDOCK AVAILABILITY. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.					

Task/Abbreviation: Q-56211-015- -RUDDER - RPR				MJC: EXECQE12	Rev Date: 7/15/2010
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:	Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-56211-015)RUDDER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE RUDDER PER CONDITION ASSESSMENT RECOMMENDATIONS: A. REPAIR THREADED HOLES. B. REPLACE/TIGHTEN FASTENERS. C. REPLACE ACCESS PLATES. D. REPLACE/TIGHTEN PLUGS. E. RESTORE COATING OR REPLACE PLATE IF LOSS OF MORE THAN 25% DESIGN THICKNESS. F. REPAIR PLATING. G. REPLACE RUDDER. H. INSPECT FOR CRACKS AND REPAIR. I. REMOVE FOULING. J. REPLACE SEAL. K. REPLACE/REPAIR STOOL/HORN. L. REPLACE/REPAIR SURFACE. M. REPAIR WELDS. N. RESTORE COATING. DIVERS INSPECTION REPORT AVAILABLE AT WWW._____.COM (REFERENCE JOB NUMBER_____).

Task/Abbreviation: D-57100-003- -SHIPALT LHD1-71222D - ACCOMP			MJC: EXSAD587		Rev Date: 8/2/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 71222 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-57100-3) SHIPALT LHD1-71222D, JP-5 SYS RAS MOD, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71222D WHICH INSTALLS A JP-5 SYS MOD RAS IN STA. 03-73-5-Q AND MODIFY EXISTING SOUND POWERED TELEPHONE CIRCUIT 4JG1 TO INCLUDE STA. 03-73-5-Q.

Task/Abbreviation: Q-57111-001- -CAR RAS WN - RPR				MJC: EXECQ781		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required: YES			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,025		ManDays: 45		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-57111-001)WINCH REQUIRES REPAIR	REMOVE AND SHIP THE DRUM WINCHES OF THE REPLENISHMENT-AT-SEA SYSTEM TO THE DESIGNATED REPAIR POINT. ACCOMPLISH HYDRAULIC, ELECTRICAL, ELECTRONIC, MECHANICAL AND STRUCTURAL REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. INSPECT FOUNDATION FOR STRUCTURAL INTEGRITY AND REPAIR, AS REQUIRED. INSTALL REPAIRED WINCHES AND ACCOMPLISH A SATISFACTORY WEIGHT TEST FOLLOWED BY SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-57113-011- -RAS SINGLE DRUM WN - MRC T1F4				MJC: CXECI996		Rev Date: 12/1/2009					
RCM Analysis: 11/17/2008		Scheduled: Y		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 12		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-57113-011) THE RAS SINGLE DRUM WINCH REQUIRES ASSESSMENT.	ACCOMPLISH RAS SINGLE DRUM WINCH ASSESSMENT IN ACCORDANCE WITH MRC (T1F4) AS FOLLOWS: 1). INSPECT FLEXIBLE COUPLING EXTERIOR. 2). INSPECT WINCH DRUM HANDWHEEL BRAKE. 3). INSPECT SPANWIRE/LIGHT SPANWIRE WINCH HYDRAULIC BRAKE. 4). TEST OPERATE WINCH. 5). TEST TORQUE (DRUM OVERLOAD) CLUTCHES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-57116-001- -RAS SADDLE WN - RPR				MJC: EXECQ786		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required: YES			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,025		ManDays: 45		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-57116-001)WINCH REQUIRES REPAIR	REMOVE AND SHIP THE DRUM WINCHES OF THE REPLENISHMENT-AT-SEA SYSTEM TO THE DESIGNATED REPAIR POINT. ACCOMPLISH HYDRAULIC, ELECTRICAL, ELECTRONIC, MECHANICAL AND STRUCTURAL REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. INSPECT FOUNDATION FOR STRUCTURAL INTEGRITY AND REPAIR, AS REQUIRED. INSTALL REPAIRED WINCHES AND ACCOMPLISH A SATISFACTORY WEIGHT TEST FOLLOWED BY SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-57131-001- -RAS STATION - RPR				MJC: EXECQ370		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required: NO			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-57131-001)RAS STATTION REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE REPLENISHMENT-AT-SEA CARGO STATION TO INCLUDE THE SLIDING (SPEED) BLOCKS, RETRACTABLE KING POST, SLIDING PADEYE AND SLIDING PADEYE EMERGENCY DRIVE ASSEMBLE PER CONDITION ASSESSMENT RECOMMENDATIONS.

Task/Abbreviation: I-57131-014- -SLIDING PADEYE - MRC T2C7				MJC: EXECIDH9		Rev Date: 6/13/2007					
RCM Analysis: 5/7/2007		Scheduled: Y		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 12		Equip/Task: 1		Matl Cost:		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-57131-014) THE SLIDING PADEYE REQUIRES ASSESSMENT.	ACCOMPLISH THE SLIDING PADEYE ASSESSMENT IN ACCORDANCE WITH MRC T2C7 AS FOLLOWS: 1). PERFORM SLIDING PADEYE VISUAL INSPECTION. 2). INSPECT AND TEST OPERATE PNEUMATIC EMERGENCY DRIVE ASSEMBLY. 3). PERFORM OPERATIONAL TESTING. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-57131-023- -SLDG PADEYE LATCH ASSY - REPL			MJC: EXECQBY7		Rev Date: 1/19/2008
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 4,158	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-57131-023)SLIDING PADEYE PORT OR STARBOARD LATCH ASSEMBLIES FAIL.	REPAIR/REPLACE DAMAGED COMPONENTS. CLEAN, FREE-UP AND LUBRICATE. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-57131-027- -SLDG PDEYE BRG HSG - REPL			MJC: EXECQBZ1		Rev Date: 1/19/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 7,550	ManDays: 60	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-57131-027)SLIDING PADEYE UPPER OR LOWER BEARING HOUSING FAILS.	REPAIR ACTIVITY REMOVE PADEYE ASSEMBLY FROM SHIP, REPAIR/REPLACE DAMAGED COMPONENTS, RETURN TO SHIP, AND WEIGHT TEST WHEN COMPLETED. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-57131-028- -SLDG PDEYE BRAKE - ADJ				MJC: EXECQBZ2		Rev Date: 1/19/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 4		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-57131-028)SLIDING PADEYE DRIFTS EXCESSIVELY.				PROPERLY ADJUST ELECTRIC BRAKE. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.					

Task/Abbreviation: Q-57131-029- -SLDG PADEYE LIM SW - REPL				MJC: EXECQBZ3		Rev Date: 1/19/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 4		Freq: 0		Equip/Task: 1		Matl Cost: 511		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-57131-029)SLIDING PADEYE ASSEMBLY LIMIT SWITCH FAILS.				REPAIR/REPLACE LIMIT SWITCH. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.					

Task/Abbreviation: Q-57131-030- -SLDG PADEYE PENDANT-RPR/REPL			MJC: EXECQBZ4		Rev Date: 1/19/2008
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 9,200	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:		Recommended Solution:		
BASELINE	(Q-57131-030)SLIDING PADEYE PENDANT FAILS.		REPAIR/REPLACE SLIDING PADEYE PENDANT. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.		

Task/Abbreviation: Q-57131-031- -PENDANT SELECTOR VLV -RPR/REPL			MJC: EXECQBZ5		Rev Date: 1/21/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-57131-031)SLIDING PADEYE PENDANT SELECTOR VALVE FAILS TO OPERATE.	REPAIR/REPLACE VALVE. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-57131-032- -SLDG PADEYE BALLSCREW TRQ-ADJ			MJC: EXECQBZ6		Rev Date: 1/21/2008
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-57131-032)SLIDING PADEYE HAS EXCESSIVE VIBRATION.	MEASURE BALLSCREW TORQUE AND ADJUST TO PROPER LEVEL. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-57131-033- -SLDG PADEYE CONT - RPR/REPL				MJC: EXECQBZ7		Rev Date: 1/21/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 4		Freq: 0		Equip/Task: 1		Matl Cost: 3,875		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-57131-033)SLIDING PADEYE CONTROLLER INOPERATIVE.				REPAIR/REPLACE DAMAGED COMPONENTS. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.					

Task/Abbreviation: Q-57131-034- -CARR/GUIDE RAIL ASSY -RPR/REPL			MJC: EXECQBZ8		Rev Date: 1/21/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,200	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-57131-034)SLIDING PADEYE CARRIAGE, BALLSCREW OR GUIDERAIL ASSEMBLIES FAIL.	REPAIR ACTIVITY REMOVE PADEYE ASSEMBLY FROM SHIP, REPAIR/REPLACE DAMAGED COMPONENTS, RETURN TO SHIP, AND WEIGHT TEST WHEN COMPLETED. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-57131-035- -SLDG PADEYE EMER DR ASSY-REPL			MJC: EXECQBZ9		Rev Date: 1/21/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 8,100	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-57131-035)SLIDING PADEYE EMERGENCY DRIVE ASSEMBLY FAILS TO OPERATE.	REPAIR/REPLACE DAMAGED COMPONENTS. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-57131-036- -SLDG PADEYE FLEX CPLG-RPR/REPL			MJC: EXECQC00		Rev Date: 1/21/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 250	ManDays: 6	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-57131-036)SLIDING PADEYE FLEXIBLE COUPLING FAILED.	REPAIR/REPLACE DAMAGED COMPONENTS. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-57131-037- -SLDG PADEYE MOT PINION - ALIGN			MJC: EXECQC01		Rev Date: 1/21/2008
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-57131-037)SLIDING PADEYE ALIGNMENT OF DRIVE MOTOR PINION TO DRIVE GEAR INCORRECT.	PROPERLY ALIGN MOTOR PINION TO DRIVE GEAR. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-57131-038- -SLDG PADEYE MOT - REPL/OVHL			MJC: EXECQC02		Rev Date: 1/21/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,478	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-57131-038)SLIDING PADEYE ELECTRIC MOTOR FAILS.	OVERHAUL/REPLACE MOTOR. WEIGHT TEST WHEN COMPLETE. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-57131-039- -SLDG PADEYE BRAKE - RPR/REPL			MJC: EXECQC03		Rev Date: 1/21/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 5,921	ManDays: 9	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-57131-039)SLIDING PADEYE BRAKE FAILS TO OPERATE.	REPAIR BRAKE, REPLACE WORN OR DAMAGED COMPONENTS. WEIGHT TEST WHEN COMPLETED. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-57211-003- -CONVEYOR - RPR				MJC: EXECQ054		Rev Date: 8/30/2003					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-57211-003)CONVEYOR REQUIRES REPAIR	ACCOMPLISH ELECTRICAL, ELECTRONIC, MECHANICAL AND STRUCTURAL REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. INSPECT COMPONENTS INCLUDING BRAKE, MOTOR, CONTROLLER, GEAR REDUCER, SPRINGS, RAILS, TRAYS, INTERLOCKS AND LIMIT SWITCHES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-57211-008- -DUMBWAITER - RPR				MJC: EXECQB12		Rev Date: 8/30/2003					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-57211-008)DUMBWAITER REQUIRES REPAIR	ACCOMPLISH ELECTRICAL, ELECTRONIC, MECHANICAL AND STRUCTURAL REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. INSPECT COMPONENTS INCLUDING BRAKE, MOTOR, CONTROLLER, GEAR REDUCER, SPRINGS, RAILS, TRAYS, INTERLOCKS AND LIMIT SWITCHES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-57211-009- -(M)DUMBWAITER - LD TST			MJC: EXECM166		Rev Date: 11/26/2008
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required: NO	
Lvl of Maint: 2	Freq: 60	Equip/Task: 1	Matl Cost:	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-57211-009) NSTM REQUIREMENT DUE.	IAW NSTM CH-572, PARA. 572-4.3.4, LOAD TEST THE DUMBWAITERS OF THE SHIP STORES HANDLING EQUIPMENT. A). ACCOMPLISH A SATISFACTORY NO-LOAD TEST THRU FULL RANGE OF TRAVEL AT RATED SPEED FOR THREE (3) COMPLETE CYCLES. B). ACCOMPLISH A SATISFACTORY STATIC LOAD TEST AT 200% OF RATED LOAD IAW NSTM CH-572, PARA. 4.3.5.3. C). ACCOMPLISH A SATISFACTORY DYNAMIC LOAD TEST IN ALL MODES OF OPERATION AT 150% OF RATED LOAD AT RATED SPEED IAW NSTM CH-572, PARA. 4.3.6.2. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-57211-033- -VERT PKG CNVR SOT II- MRC 8SYQ			MJC: EXECIGP6		Rev Date: 3/3/2010					
RCM Analysis: 11/20/2009		Scheduled: Y		Sit Reqs:		Qty: 4	Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 5	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-57211-033)THE VERTICAL PACKAGE CONVEYOR REQUIRES ASSESSMENT.	ACCOMPLISH THE VERTICAL PACKAGE CONVEYOR ASSESSMENT IN ACCORDANCE WITH MRC 8SYQ AS FOLLOWS: 1. ACCOMPLISH SYSTEM OPERABILITY TEST (SOT LEVEL II). REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-57211-037- -EC 74401 - ACCOMP				MJC: EXSAO256		Rev Date: 5/28/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:		Alt No: EC 74401	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-57211-37) EC 74401 VPC JAM LIMIT SWITCH, VPC JAM LIMIT SWITCH MOD, NOT ACCOMPLISHED	ACCOMPLISH EC 74401 VPC JAM LIMIT SWITCH WHICH CORRECTS AN IN-SERVICE LIMIT DISCREPANCY ON THE LHD 2 THROUGH 8 VERTICAL PACKAGE CONVEYORS (VPC) BY RELOCATING THE JAM LIMIT SWITCH ACTUATOR CABLE.

Task/Abbreviation: O-57321-033- -EC 78290 VERT CONVEYOR-ACCOMP**MJC:** EXSAO311**Rev Date:** 8/5/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:****Alt No:** EC 78290**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-57321-33) EC 78290, VERTICAL PACKAGE
CONVEYOR (VPC) GUIDE ARM MOD, NOT
ACCOMPLISHEDACCOMPLISH EC 78290 (FORMERLY SCD 78290) WHICH REPLACES
THE VERTICAL PACKAGE CONVEYORS (VPCS) CARRIER TRAY GUIDE
ARMS WITH NEW AND MODIFIED GUIDE ARMS. THIS ELIMINATES
METAL TO METAL CONTACT BETWEEN GUIDE ARM SHOULDERS AND
CARRIER TRAY TRACKS WHICH PREVENTS GUIDE ARM FAILURES.
REPLACE THE VPC TAIL PLATE ASSEMBLIES WITH NEW, MODIFIED,
AND QUIETER TAIL PLATE ASSEMBLIES WHICH ELIMINATES BINDING
OF CARRIER TRAYS DURING TRANSITION THROUGH THE TAIL PLATE
ASSEMBLIES. BINDING CAUSES FREQUENT FAILURE OF TRACKS
AND TRAYS. POC: FRANCIS BRENNAN, 215-897-1070,
FRANCIS.BRENNAN@NAVY.MIL OR KEVIN DRISCOLL, 215-907-1403,
KEVIN.DRISCOLL@NAVY.MIL OR MICHAEL BENHAM, 215 897 1402,
MICHAEL.BENHAM@NAVY.MIL.

Task/Abbreviation: I-57331-011- -CAR MONORAIL SYS - MRC T1Y9**MJC:** EXECIDT0**Rev Date:** 7/7/2005**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 6**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-57331-011)THE CARGO HANDLING MONORAIL
HOIST REQUIRES ASSESSMENT.ACCOMPLISH THE CARGO HANDLING MONORAIL HOIST
ASSESSMENT IN ACCORDANCE WITH MRC T1Y9 AS FOLLOWS: 1.
PERFORM VISUAL INSPECTION/COLD CHECKS. 2. PERFORM
OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP.
PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND
POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64)
IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-57331-025- -CAR MONORAIL SYS - MRC A4UR			MJC: EXECIHC1		Rev Date: 10/26/2007
RCM Analysis: 9/25/2006	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-57331-025)THE CARGO MONORAIL TRACK REQUIRES ASSESSMENT.	ACCOMPLISH THE CARGO MONORAIL TRACK ASSESSMENT IN ACCORDANCE WITH MRC A4UR AS FOLLOWS: 1. INSPECT MONORAIL TRACK FOR CONDITION AND TIGHTNESS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-57331-027- -CAR MONORAIL SYS - MRC A4UU**MJC:** EXECIHC3**Rev Date:** 10/26/2007**RCM Analysis:** 9/25/2006**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-57331-027)THE CARGO MONORAIL TRAIN ASSEMBLY REQUIRES TESTING AND RECORDING OF ENGINE COMPRESSION PRESSURES AND MAINTENANCE DATA.

Recommended Solution:

ACCOMPLISH THE CARGO MONORAIL TRAIN ASSEMBLY ASSESSMENT IN ACCORDANCE WITH MRC A4UU AS FOLLOWS: 1. TEST MONORAIL TRAIN ASSEMBLY. 2. RECORD ENGINE COMPRESSION PRESSURES AND MAINTENANCE DATA. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-57331-028- -CAR MONORAIL SYS - MRC A4UX			MJC: EXECIHD3		Rev Date: 10/26/2007
RCM Analysis: 9/25/2006	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-57331-028)THE CARGO MONORAIL CONVEYOR SPROCKETS, DRIVE SHAFTS, ROLLER CHAINS AND RIBBON CHAINS REQUIRE ASSESSMENT.	INSPECT THE CARGO MONORAIL CONVEYOR SPROCKETS, DRIVE SHAFTS, ROLLER CHAINS AND RIBBON CHAINS IN ACCORDANCE WITH MRC A4UX AS FOLLOWS: 1. INSPECT CONVEYOR SPROCKETS, DRIVE SHAFTS, ROLLER CHAINS, AND RIBBON CHAINS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-581111-001- -AHR/AHR CHAIN - INSP/PSV				MJC: OXECM001		Rev Date: 4/28/2009	
RCM Analysis:		Scheduled: Y	Sit Reqs: D/D		Qty: 2	Removal Required: NO	
Lvl of Maint: 1		Freq: 144	Equip/Task: 1	Matl Cost: 1,350	ManDays: 30	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2			
NSTM CH 581, PARA. 581-2.7 NAVSEA STND ITEM 009-32 (MCM) GC:120000,MA:9011							

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-581111-001)NSTM REQUIREMENT DUE	IAW NSTM CH 581, PARA. 581-2.7, REMOVE AND DISASSEMBLE ANCHORS, SWIVEL SHOTS, CHAINS, DETACHABLE LINKS AND STOPPERS. SANDBLAST CLEAN TO NEAR-WHITE THE ANCHOR(S), CHAINS, STOPPERS, DETACHABLE LINKS, PINS, SWIVELS. INSPECT AND PRESERVE ANCHOR, ANCHOR CHAIN AND APPENDAGES IAW NSTM 581 AND MRC 6HTX. SUBMIT A REPORT OF CONDITIONS FOUND TO THE NSA. REPLACE COMPONENTS NOT MEETING SPECIFICATIONS. ON COMPLETION OF REPAIRS, PAINT SHOT IDENTIFICATION AND WIRE MARK CHAINS IAW NSTM 581. INSTALL AND WIRE-LOCK BITTER END SHACKLES AS APPLICABLE. ASSEMBLE AND RESTOW ANCHORS AND CHAINS. NOTE: SPEC DEVELOPED TO BE IAW SWT 581-01. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-58111-004- -AHR WNDLS HYDR - RPR			MJC: OXECQ016		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,350	ManDays: 30	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58111-004)THE ANCHOR WINDLASS (HYDRAULIC) REQUIRES REPAIR.	OPEN, CLEAN & INSPECT ALL COMPONENTS. RECORD CLEARANCES/ RUNOUTS & REPORT TO THE NSA. REPAIR PER ASSESSMENT AS APPLICABLE; A. FREE AND ADJUST OPERATING GEAR AND LINKAGE. B. RESURFACE AND MACHINE BRAKE DRUMS. C. STONE/DRESS RDCN GEAR PINION/GEAR TOOTH HIGH SPOTS D. REPLACE BRAKE ASSEMBLY RIVETS AND CHOCKS. E. REPLACE DESIGNATED REDUCTION GEAR ASSEMBLY BEARINGS. F. REPLACE REDUCTION GEAR ASSEMBLY DESIGNATED PINIONS. G. REPLACE REDUCTION GEAR ASSEMBLY DESIGNATED GEARS. H. REPLACE WILDCAT ASSEMBLY SPLINE PINION. I. REPLACE WILDCAT ASSEMBLY LOWER BUSHING. J. REPLACE WILDCAT ASSEMBLY UPPER BUSHING. K. RESURFACE/MACHINE WILDCAT ASSEMBLY SHAFT. L. REPLACE WILDCAT ASSEMBLY SHAFT. M. REPAIR POWER UNIT. N. REPAIR HYDRAULIC MOTOR. O. REPLACE CONTROL VALVE ASSEMBLIES. P. ACCOMPLISH SATISFACTORY WEIGHT TEST. REASSEMBLE USING NEW GASKETS, KEYS, LOCKNUTS, LOCK WASHERS, "O"-RINGS, PINS, SEALS, SHIMS, SPACERS & SPRINGS. REPLACE MISSING/ UNSERVICEABLE FASTENERS. RECORD FINAL CLEARANCES/RUNOUTS. FLUSH & CLEAN SUMP, SVCE, HEAD & STORAGE TANKS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. USE SWT 581-11 FOR GUIDANCE.

Task/Abbreviation: Q-58111-018- -AHR WNDLS CRIT HOSE - REPL			MJC: EXECM159		Rev Date: 12/16/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 2	Freq: 240	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58111-018) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE ANCHOR WINDLASS CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.	REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE ANCHOR WINDLASS CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A. REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B. FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C. REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D. ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E. INSTALL A NEW IDENTIFICATION TAG. F. INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G. ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: Q-58111-019- -AHR WNDLS MOT - RWND		MJC: EXECJE01	Rev Date: 8/18/2008		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,720	ManDays: 69	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58111-019)THE ANCHOR WINDLASS ELECTRIC MOTOR REQUIRES REWINDING.	REWIND THE ANCHOR WINDLASS ELECTRIC MOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58111-020- -AHR WNDLS MOT - RPR			MJC: EXECJE02		Rev Date: 8/18/2008
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 540	ManDays: 45	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58111-020)THE ANCHOR WINDLASS ELECTRIC MOTOR REQUIRES RECONDITIONING.	RECONDITION THE ANCHOR WINDLASS ELECTRIC MOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-58111-021- -AHR WNDLS MOT BRG - REPL			MJC: EXECJE03		Rev Date: 8/18/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 270	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58111-021)THE ANCHOR WINDLASS ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT.	DISASSEMBLE THE ANCHOR WINDLASS ELECTRIC MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58111-023- -AHR WNDLS HYDR PMP - RPR			MJC: EXECJAV1		Rev Date: 6/8/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,000	ManDays: 63	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58111-023)THE ANCHOR WINDLASS HYDRAULIC PUMP REQUIRES REPAIR.	OPEN THE HYDRAULIC PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD AS-FOUND AND POST REPAIR DIMENSIONS AND CLEARANCES OF CYLINDER BARRELS, PISTONS AND VALVE PLATE. ACCOMPLISH NON-DESTRUCTIVE TESTING OF PUMP DRIVE SHAFT, CYLINDER BARRELS AND VALVE PLATE. SUBMIT A REPORT OF CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, "O"-RINGS AND MECHANICAL SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. LAP CYLINDER BARREL & VLV PLATE SURFACES B. RPL BRNGS (THRUST,RADIAL) CONNECTING RODS, CYLINDER BARRELS, PISTONS, SHAFT(MN), SOCKET RING, TILTING BLOCK AND VALVE PLATE.

Task/Abbreviation: Q-58111-024- -AHR WNDLS HYDR MOT - RPR			MJC: EXECJAV2		Rev Date: 6/8/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,350	ManDays: 30	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58111-024)THE ANCHOR WINDLASS HYDRAULIC MOTOR REQUIRES REPAIR.	OPEN THE HYDRAULIC MOTOR CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD AS-FOUND AND POST REPAIR DIMENSIONS AND CLEARANCES OF CYLINDER BARRELS, PISTONS AND VALVE PLATE. ACCOMPLISH NON-DESTRUCTIVE TESTING OF PUMP DRIVE SHAFT, CYLINDER BARRELS AND VALVE PLATE. SUBMIT A REPORT OF CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, "O"-RINGS AND MECHANICAL SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. LAP CYLINDER BARREL & VLV PLATE SURFACES B. RPL BRNGS (THRUST,RADIAL, CYLINDER BARRELS, PISTONS, SHAFT(MN), TILTING BLOCK AND VALVE PLATE.

Task/Abbreviation: Q-58111-025- -AHR WNDLS UPR BSH - REPL			MJC: EXECJAV3		Rev Date: 6/8/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,350	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58111-025)THE ANCHOR WINDLASS WILDCAT UPPER BUSHING REQUIRES REPLACEMENT.	DISSASSEMBLE THE WILDCAT OF THE ANCHOR WINDLASS. REPLACE THE WILDCAT SHAFT UPPER BUSHING. ASSEMBLE THE WILDCAT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58111-026- -AHR WNDLS UPR AND LWR BSH-REPL			MJC: EXECJAV4		Rev Date: 6/8/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58111-026)THE ANCHOR WINDLASS WILDCAT UPPER AND LOWER WILDCAT BUSHING REQUIRES REPLACEMENT.	DISSASSEMBLE THE WILDCAT OF THE ANCHOR WINDLASS. REPLACE THE WILDCAT SHAFT UPPER AND LOWER BUSHINGS. ASSEMBLE THE WILDCAT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58111-027- -AHR WNDLS RDCN GR - RPR			MJC: EXECJAV5		Rev Date: 6/8/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 750	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58111-027)THE ANCHOR WINDLASS WILDCAT UPPER AND LOWER WILDCAT BUSHING REQUIRES REPAIR.	REPAIR THE ANCHOR WINDLASS REDUCTION GEARS AND PINIONS. OPEN REDUCTION GEAR CASE. CLEAN AND INSPECT GEAR AND PINION SURFACES. SMOOTH AND POLISH ANY ROUGH OR NICKED GEAR OR PINION SURFACES. LUBRICATE GEAR AND PINION SURFACES. ASSEMBLE GEAR CASE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-58111-078- -AHR WNDLS - MRC T1V1			MJC: EXECIF43		Rev Date: 3/22/2005					
RCM Analysis: 9/13/2004		Scheduled: Y		Sit Reqs:		Qty: 2	Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 2	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58111-078)THE ANCHOR WINDLASS REQUIRES ASSESSMENT.	ACCOMPLISH THE ANCHOR WINDLASS ASSESSMENT IN ACCORDANCE WITH MRC T1V1 AS FOLLOWS: 1. INSPECT AND TEST ANCHOR WINDLASS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-58111-079- -AHR WNDLS - MRC 9GPC			MJC: EXECIF44		Rev Date: 12/12/2007					
RCM Analysis: 9/13/2004		Scheduled: N		Sit Reqs:		Qty: 2	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 3	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58111-079)THE ANCHOR WINDLASS REQUIRES ASSESSMENT.	ACCOMPLISH THE ANCHOR WINDLASS ASSESSMENT IN ACCORDANCE WITH MRC 9GPC AS FOLLOWS: 1. TEST OPERATE ANCHOR WINDLASS WITH NO-LOAD. 2. TEST OPERATE ANCHOR WINDLASS WITH LOAD. 3. TEST OPERATE WILDCAT BRAKE AND HYDRAULIC MOTOR BRAKE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-58111-080- -AHR WNDLS - MRC 9HEQ			MJC: EXECIF45		Rev Date: 12/12/2007
RCM Analysis: 9/13/2004	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58111-080)THE ANCHOR WINDLASS REQUIRES ASSESSMENT.	ACCOMPLISH THE ANCHOR WINDLASS ASSESSMENT IN ACCORDANCE WITH MRC 9HEQ AS FOLLOWS: 1. TEST OPERATE ANCHOR WINDLASS WITH NO-LOAD. 2. TEST OPERATE ANCHOR WINDLASS WITH LOAD. 3. TEST OPERATE HANDBRAKE AND GEAR REDUCER MOTOR BRAKE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-58111-097- -AWNDLS PMP VIB TST - MRC G1P1			MJC: EXECIGJ1		Rev Date: 2/29/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58111-097)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: D-58111-103- -SHIPALT LHD1-72478D - ACCOMP**MJC:** EXSAD588**Rev Date:** 8/10/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10**ManDays:** 10**Alt No:** SALHD 72478 D**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(D-58111-103) SHIPALT LHD1-72478D, ANCHOR
WINDLASS MOTOR CNTRLR, NOT ACCOMPLISHED

ACCOMPLISH SHIPALT LHD1-72478D WHICH REPLACES THE EXISTING 450 VOLT NEMA 5 MAIN CONTACTOR (CUTLER-HAMMER TYPE N878, P/N 6957ED39-2A) WITH THE SAME STYLE MAIN CONTACTOR CUTLER-HAMMER TYPE N878, P/N 6957ED39-3A (NSN 6110-01-123-2714). THIS WILL INCREASE THE NUMBER OF AUXILIARY CONTACTS ON THE MAIN CONTACTOR. THE PROPOSED CONTACTOR HAS 4 N.O. AND 4 N.C. CONTACTS VICE THE EXISTING 2 N.O. (ALREADY IN USE) AND 2 N.C. CONTACTS. ONE OF THE NEW MAIN CONTACTOR N.O. AUXILIARY CONTACTS IS TO BE WIRED IN SERIES WITH THE PUMP DISPLACEMENT CONTROL SOLENOID VALVE COIL TO SWITCH OFF IT'S POWER WHENEVER THE HPU PUMP MOTOR IS DE-ENERGIZED. THE NEW N878 CONTACTOR WILL DIRECTLY REPLACE THE EXISTING MAIN CONTACTOR WITH NO OTHER PHYSICAL MODIFICATIONS (OTHER THAN MINOR REWIRING) WITHIN THE MOTOR CONTROLLER. AN UPDATE TO THE CONTROLLER SCHEMATIC AND UPDATE TO THE EQUIPMENT APL WILL BE NECESSARY TO SUPPORT THIS CHANGE. THE ELECTRICAL SCHEMATIC FOR THE ANCHOR WINDLASS IS FOUND IN NAVSEA TECHNICAL MANUAL S9581-BE-MMA-010 (FIGURE 3-4 CHANGE F) AND MATCHES THE EXISTING SHIPBOARD CONNECTIONS. A MANUFACTURER'S TECHNICAL REPRESENTATIVE REPORTED THIS CONDITION ALSO EXIST FOR LHD 1 & 2.

Task/Abbreviation: D-58111-107- -SHIPALT LHD1-78344D - ACCOMP**MJC:** EXSAD719**Rev Date:** 8/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10**ManDays:** 10**Alt No:** SA LHD1-78344**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(D-58111-107) SHIPALT LHD1-78344D ANCHOR
WNDLS SPEED LMTG DV RMV, NOT
ACCOMPLISHED.

ACCOMPLISH SHIPALT LHD1-78344D (EQUIVALENT TO SCD 8344)
WHICH REMOVES THE PORT AND STARBOARD ANCHOR WINDLASS
SYSTEMS SPEED LIMITING DEVICE (SLD). THE SLD WILL BRING THE
ANCHOR WINDLASS TO A COMPLETE STOP WHEN THE ANCHOR
CHAIN REACHES ITS MAXIMUM SPEED OF 1000 FPM RATHER THAN
SLOW THE CHAIN DOWN AND CONTINUE THE EVOLUTION. THIS
HINDERS THE LOWERING OF THE ANCHOR. THE SLD DOES NOT
COMPLY WITH THE MIL-W-19612B ANCHOR WINDLASS
SPECIFICATION REQUIREMENT TO KEEP THE ANCHOR WITHIN THE
RANGE OF 800 FEET PER MINUTE TO 1000 FEET PER MINUTE. IN
ADDITION, THE SLD IS NOT A REQUIRED SAFETY FEATURE
ACCORDING TO THE SHIP'S SPECIFICATION AND MIL-W-19612B
SPECIFICATION. A FAILURE OF THE SLD CAN CAUSE THE
HYDRAULIC BRAKE TO BECOME INOPERABLE WHICH CAN RESULT IN
A LOSS OF THE ANCHOR AND CHAIN. POC: KELLEY SHANNON,
757-396-5227, SHANNON.KELLEY2@NAVY.MIL OR CONRADO
CAJIGAS, 619-437-2704, CONRADO.CAJIGAS@NAVY.MIL.

Task/Abbreviation: I-58211-050- -MOORING CAPSTAN - MRC N2G5			MJC: EXECIFU3		Rev Date: 1/26/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58211-050)THE MOORING CAPSTAN REQUIRES ASSESSMENT	ACCOMPLISH THE MOORING CAPSTAN ASSESSMENT IN ACCORDANCE WITH MRC N2G5 AS FOLLOWS: 1. INSPECT CAPSTAN AND ASSOCIATED ASSEMBLIES. 2. INSPECT ELECTRIC BRAKE. 3. INSPECT ELECTRIC MOTOR, MOTOR CONTROLLER, MASTER SWITCH, AND EMERG-RUN PUSH-BUTTON STATION. 4. TEST OPERATE CAPSTAN. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-58311-001-A-(M)BOAT DAVIT LD TS - MRC A5H7				MJC: OXECM007		Rev Date: 12/14/2009					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 1		Removal Required: NO			
Lvl of Maint: 2		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
NSTM CHAPTER 583, VOL 2 PARA 583-13.6.2 GC:271601,MA:A5H7											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-58311-001)NSTM REQUIREMENT DUE				NSTM CHAPTER 583, PARA 13.6.2 REQUIREMENT IS DUE. VISUALLY INSPECT AND ACCOMPLISH STATIC, DYNAMIC AND WORKING LOAD TESTS ON THE BOAT HANDLING DAVIT SYSTEM IN ACCORDANCE WITH MRC A5H7 AS FOLLOWS: 1. PRE-WEIGHT TEST INSPECTION. 2. ACCOMPLISH BOAT DAVIT WEIGHT TEST. ON COMPLETION OF TEST, INSPECT DAVITS AND SUPPORTING STRUCTURES FOR SIGN OF DAMAGE OR PERMANENT DISTORTION DUE TO TEST. PREPARE AND INSTALL NEW OR ANNOTATE EXISTING LABEL PLATE(S) TEST DATA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.					

Task/Abbreviation: Q-58311-006- -BOAT DAVIT WN ASSY - RPR			MJC: OXECQ004		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-006)BOAT DAVIT WINCH ASSEMBLY REQUIRES REPAIR	REPAIR THE BOAT DAVIT WINCH ASSEMBLY PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE WIRE ROPE. DRAIN OIL FROM GEAR CASE. DISASSEMBLE & CLEAN ALL COMPONENTS FOR INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE WINCH USING NEW BEARINGS, GASKETS, SEALS, SPRINGS AND SPRING FOLLOWERS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. LUBRICATE WINCH AND WIRE ROPE. REPLACE GEAR CASE OIL. A. REPAIR ELECTRIC BRAKE. B. REPAIR DESIGNATED BRAKE LINKAGES. C. REPLACE BRAKE PADS. D. REPLACE DESIGNATED CENTRIFUAL CLUTCH COMPONENTS. E. REPLACE DESIGNATED LIMIT SWITCHES. F. REPLACE DESIGNATED GEARS. G. REPLACE OVER-RUNNING CLUTCH MANUAL BRAKE COMPONENTS. H. REPLACE DESIGNATED SAFETY SWITCHES. I. REPLACE TENSIONING DEVICE. J. RESURFACE AND MACHINE BRAKE DRUM. K. CONDUCT WEIGHT TEST.

Task/Abbreviation: Q-58311-008- -BOAT DAVIT WIRE ROPE - REPL			MJC: OXECQ014		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: X	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 225	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-008)THE MAIN CABLES (WIRE ROPE) OF THE BOAT HANDLING DAVIT SYSTEM REQUIRES REPLACEMENT.	REPLACE THE MAIN CABLES (WIRE ROPE) OF THE BOAT HANDLING DAVIT SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS. ACCOMPLISH PROOF TESTING OF EACH NEW WIRE ROPE, COMPLETE WITH END FITTING, TO 40% OF BREAKING STRENGTH. ACCOMPLISH SATISFACTORY WEIGHT TEST FOLLOWED BY A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58311-030- -SLEWING ARM DAVIT - RPR			MJC: QXECQ002		Rev Date: 6/6/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required: NO
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,700	ManDays: 60	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-030)SLEWING ARM DAVIT REQUIRES REPAIR	REPAIR THE SLEWING ARM DAVIT (SLAD) PER CONDITION ASSESSMENT RECOMMENDATIONS. A. REPAIR THE SLAD HYDRAULIC PUMP MOTOR . B. REPAIR HYDRAULIC PUMP ELECTRIC MOTOR. C. REPLACE WIRE ROPE AND FITTINGS D. INSPECT AND REPAIR SLAD SUPPORTING STRUCTURES . E. REPAIR CONTROL STAND AS REQUIRED. UPON COMPLETION OF REPAIRS OPERATIONALLY TEST. NOTE: LOAD-TESTING IS REQUIRED AFTER REPAIR OR REPLACEMENT OF LOAD-BEARING COMPONENTS OR EQUIPMENT REMOVAL.

Task/Abbreviation: Q-58311-044- -BOAT DAVIT WN MOT-RWND			MJC: EXECJD41		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,740	ManDays: 38	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-044)THE ELECTRIC MOTOR OF THE BOAT HANDLING DAVIT SYSTEM WINCH REQUIRES REWINDING.	REWIND THE ELECTRIC MOTOR OF THE BOAT HANDLING DAVIT SYSTEM WINCH IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58311-045- -BOAT DAVIT WN MOT-RPR			MJC: EXECJD42		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 420	ManDays: 25	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-045)THE ELECTRIC MOTOR OF THE BOAT HANDLING DAVIT SYSTEM WINCH REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE BOAT HANDLING DAVIT SYSTEM WINCH IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-58311-046- -BOAT DAVIT WN MOT BRG - REPL				MJC: EXECJD43		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 210		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-046)THE ELECTRIC MOTOR BEARINGS OF THE BOAT HANDLING DAVIT SYSTEM WINCH REQUIRES REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE BOAT HANDLING DAVIT SYSTEM WINCH. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58311-047- -BOAT DAVIT WN ELEC BRAKE - RPR			MJC: EXECJBE7		Rev Date: 6/8/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-047)THE BOAT DAVIT WINCH ASSEMBLY ELECTRIC BRAKE REQUIRES REPAIR.	DISASSEMBLE THE BOAT DAVIT WINCH ASSEMBLY ELECTRIC BRAKE. REMOVE THE OLD BRAKE LINING PADS AND RIVETS. REPLACE BRAKE LINING PADS AND RIVETS WITH NEW. INSPECT THE BRAKE DRUM. REPORT CONDITIONS FOUND TO THE NSA. RESURFACE AND MACHINE BRAKE DRUM AS NEEDED. REASSEMBLE AND ADJUST THE BRAKE. ACCOMPLISH SATISFACTORY OPERATIONAL AND LOAD TESTS.

Task/Abbreviation: Q-58311-048- -BOAT DAVIT WN BRAKE DRUM - RPR			MJC: EXECJBE8		Rev Date: 6/8/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-048)THE BOAT DAVIT WINCH ASSEMBLY BRAKE DRUM REQUIRES RESURFACING AND MACHINING.	DISASSEMBLE THE BOAT DAVIT WINCH ASSEMBLY BRAKE. RESURFACE AND MACHINE THE BRAKE DRUM. REASSEMBLE AND ADJUST THE BRAKE. LUBRICATE THE BRAKE, IF APPLICABLE. ACCOMPLISH SATISFACTORY OPERATIONAL AND LOAD TESTS.

Task/Abbreviation: Q-58311-049- -BOAT DAVIT WN BRAKE PADS -REPL			MJC: EXECJBE9		Rev Date: 6/8/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-049)THE BOAT DAVIT WINCH ASSEMBLY BRAKE PADS REQUIRE REPLACEMENT.	DISASSEMBLE THE BOAT DAVIT WINCH ASSEMBLY BRAKE. REMOVE THE OLD BRAKE LINING PADS AND RIVETS. REPLACE BRAKE LINING PADS AND RIVETS WITH NEW. REASSEMBLE AND ADJUST THE BRAKE. LUBRICATE THE BRAKE, IF APPLICABLE. ACCOMPLISH SATISFACTORY OPERATIONAL AND LOAD TESTS.

Task/Abbreviation: Q-58311-050- -DAVIT WN BRAKE LINKAGES - RPR			MJC: EXECJBF0		Rev Date: 6/8/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-050)THE BOAT DAVIT WINCH ASSEMBLY BRAKE LINKAGES REQUIRE REPAIR.	REMOVE THE BOAT DAVIT WINCH ASSEMBLY WIRE ROPE. DRAIN AND DISPOSE OF OIL FROM GEAR CASE. DISASSEMBLE THE WINCH AS NEEDED. REPAIR BRAKE LINKAGES. REASSEMBLE WINCH USING NEW GASKETS, SEALS, SPRINGS AND SPRING FOLLOWERS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. LUBRICATE WINCH. LUBRICATE AND REINSTALL WIRE ROPE. REPLACE GEAR CASE OIL. ACCOMPLISH SATISFACTORY OPERATIONAL AND LOAD TESTS.

Task/Abbreviation: Q-58311-051- -WN CNTFGL CLUTCH CMPNTS - REPL			MJC: EXECJBF1		Rev Date: 6/8/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-051)THE BOAT DAVIT WINCH ASSEMBLY CENTRIFUGAL CLUTCH ASSEMBLY COMPONENTS REQUIRE REPLACEMENT.	REMOVE THE BOAT DAVIT WINCH ASSEMBLY WIRE ROPE. DRAIN AND DISPOSE OF OIL FROM GEAR CASE. DISASSEMBLE THE WINCH AS NEEDED. DISASSEMBLE THE CENTRIFUGAL CLUTCH ASSEMBLY AND REPLACE COMPONENTS WITH NEW. RESASSEMBLE AND ADJUST THE CLUTCH ASSEMBLY. ENSURE ROTATION OF CLUTCH IS CORRECT DURING REASSEMBLY. REASSEMBLE WINCH USING NEW GASKETS, SEALS, SPRINGS AND SPRING FOLLOWERS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. LUBRICATE WINCH. LUBRICATE AND REINSTALL WIRE ROPE. REPLACE GEAR CASE OIL. ACCOMPLISH SATISFACTORY OPERATIONAL AND LOAD TESTS.

Task/Abbreviation: Q-58311-052- -WN CLUTCH BRAKE CMPNTS - REPL			MJC: EXECJBF2		Rev Date: 6/8/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-052)THE BOAT DAVIT WINCH ASSEMBLY OVER-RUNNING CLUTCH MANUAL BRAKE ASSEMBLY COMPONENTS REQUIRE REPLACEMENT.	REMOVE THE BOAT DAVIT WINCH ASSEMBLY WIRE ROPE. DRAIN AND DISPOSE OF OIL FROM GEAR CASE. DISASSEMBLE THE WINCH AS NEEDED. DISASSEMBLE THE OVER-RUNNUNG CLUTCH MANUAL BRAKE ASSEMBLY AND REPLACE COMPONENTS WITH NEW. RESASSEMBLE, LUBRICATE AND ADJUST THE OVER-RUNNING CLUTCH MANUAL BRAKE ASSEMBLY. REASSEMBLE WINCH USING NEW GASKETS, SEALS, SPRINGS AND SPRING FOLLOWERS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. LUBRICATE WINCH. LUBRICATE AND REINSTALL WIRE ROPE. REPLACE GEAR CASE OIL. ACCOMPLISH SATISFACTORY OPERATIONAL AND LOAD TESTS.

Task/Abbreviation: Q-58311-053- -DAVIT WN TENSIONING DVC - REPL		MJC: EXECJBF3	Rev Date: 6/8/2005		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-053)THE BOAT DAVIT WINCH ASSEMBLY TENSIONING DEVICE REQUIRES REPLACEMENT.	REMOVE EXISTING AND INSTALL NEW BOAT DAVIT WINCH ASSEMBLY TENSIONING DEVICE. ACCOMPLISH SATISFACTORY OPERATIONAL AND LOAD TESTS.

Task/Abbreviation: Q-58311-054- -DAVIT WN LIMIT SWITCH-RPR/REPL				MJC: EXECJBF4		Rev Date: 6/8/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 675		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-58311-054)BOAT DAVIT WINCH ASSEMBLY LIMIT SWITCHES REQUIRE REPAIR/REPLACEMENT.				REPAIR/REPLACE BOAT DAVIT WINCH ASSEMBLY LIMIT SWITCHES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-58311-056- -SLEWING ARM DAVIT HYDR MOT-RPR			MJC: EXECJBF6		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,700	ManDays: 60	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-056)THE SLEWING ARM DAVIT HYDRAULIC MOTOR REQUIRES REPAIR.	OPEN THE SLEWING ARM DAVIT HYDRAULIC MOTOR CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD AS-FOUND AND POST REPAIR DIMENSIONS AND CLEARANCES OF CYLINDER BARRELS, PISTONS AND VALVE PLATE. ACCOMPLISH NON-DESTRUCTIVE TESTING OF PUMP DRIVE SHAFT, CYLINDER BARRELS AND VALVE PLATE. SUBMIT A REPORT OF CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, "O"-RINGS AND MECHANICAL SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. LAP CYLINDER BARREL AND VALVE PLATE SURFACES B. REPLACE BEARINGS (THRUST,RADIAL), CYLINDER BARRELS, PISTONS, SHAFT(MN), TILTING BLOCK AND VALVE PLATE.

Task/Abbreviation: Q-58311-057- -SLEWING ARM DAVIT HYDR PMP-RPR			MJC: EXECJBF7		Rev Date: 6/6/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,700	ManDays: 60	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-057)THE SLEWING ARM DAVIT HYDRAULIC PUMP REQUIRES REPAIR.	OPEN THE SLEWING ARM DAVIT HYDRAULIC PUMP CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD AS-FOUND AND POST REPAIR DIMENSIONS AND CLEARANCES OF CYLINDER BARRELS, PISTONS AND VALVE PLATE. ACCOMPLISH NON-DESTRUCTIVE TESTING OF PUMP DRIVE SHAFT, CYLINDER BARRELS AND VALVE PLATE. SUBMIT A REPORT OF CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, "O"-RINGS AND MECHANICAL SEALS. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ALIGN ELECTRIC MOTOR TO PUMP. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. A. LAP CYLINDER BARREL AND VALVE PLATE SURFACES B. REPLACE BEARINGS (THRUST,RADIAL), CONNECTING RODS, CYLINDER BARRELS, PISTONS, SHAFT(MN), SOCKET RING, TILTING BLOCK AND VALVE PLATE.

Task/Abbreviation: Q-58311-058- -SLEWING ARM DAVIT PMP MOT-RPR		MJC: EXECJBF8		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 120	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-058)THE SLEWING ARM DAVIT HYDRAULIC PUMP ELECTRIC MOTOR REQUIRES RECONDITIONING.	RECONDITION THE SLEWING ARM DAVIT HYDRAULIC PUMP ELECTRIC MOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation:		Q-58311-059- -SLEWING ARM DAVIT PMP MOT-RWND		MJC: EXECJBF9		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 216		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-059)THE SLEWING ARM DAVIT HYDRAULIC PUMP ELECTRIC MOTOR REQUIRES REWINDING.	REWIND THE SLEWING ARM DAVIT HYDRAULIC PUMP ELECTRIC MOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58311-060- -SLEWING ARM DAVIT MOT BRG-REPL			MJC: EXECJBG0		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 60	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-060)THE SLEWING ARM DAVIT HYDRAULIC PUMP ELECTRIC MOTOR BEARINGS REQUIRES REPLACEMENT.	DISASSEMBLE THE SLEWING ARM DAVIT HYDRAULIC PUMP ELECTRIC MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58311-062- -SLEWING ARM DAVIT WIRE - REPL			MJC: EXECJBG2		Rev Date: 6/6/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,700	ManDays: 60	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:		Recommended Solution:		
BASELINE	(Q-58311-062)THE SLEWING ARM DAVIT WIRE ROPE AND FITTINGS REQUIRE REPLACEMENT.		REMOVE EXISTING AND INSTALL NEW SLEWING ARM DAVIT WIRE ROPE AND FITTINGS. LUBRICATE WIRE ROPE. ACCOMPLISH SATISFACTORY OPERATIONAL AND LOAD TESTS.		

Task/Abbreviation: Q-58311-063- -SLEWING ARM DAVIT STRUCT - RPR			MJC: EXECJBG3		Rev Date: 6/6/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,700	ManDays: 60	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-063)THE SLEWING ARM DAVIT SUPPORTING STRUCTURES REQUIRE INSPECTION AND REPAIR.	INSPECT SLEWING ARM DAVIT SUPPORTING STRUCTURES. SUBMIT A REPORT OF CONDITIONS FOUND TO THE NSA. REPAIR THE SLEWING ARM DAVIT, AS AUTHORIZED. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH SATISFACTORY OPERATIONAL AND LOAD TESTS.

Task/Abbreviation: Q-58311-064- -SLEWING ARM DAVIT CONT STA-RPR			MJC: EXECJBG4		Rev Date: 6/6/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,700	ManDays: 60	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-064)THE SLEWING ARM DAVIT OPERATOR CONTROL STATION COMPONENTS REQUIRE CLEANING, INSPECTION, REPAIR/REPLACEMENT AND PRESERVATION.	CLEAN AND INSPECT SLEWING ARM DAVIT OPERATOR CONTROL STATION COMPONENTS. SUBMIT A REPORT OF CONDITIONS FOUND TO THE NSA. REPAIR/REPLACE AND PRESERVE THE OPERATOR CONTROL STATION COMPONENTS, AS AUTHORIZED. REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS, CONNECTORS, LUGS, WIRE MARKERS, CLAMPS AND ENCLOSURE HARDWARE. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58311-065- -SLEWING ARM DAVIT BRG - REPL			MJC: EXECJBG5		Rev Date: 6/6/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,700	ManDays: 60	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58311-065)THE SLEWING ARM DAVIT BEARINGS AND BUSHINGS REQUIRE REPLACEMENT.	REMOVE EXISTING AND INSTALL NEW SLEWING ARM DAVIT BEARINGS AND BUSHINGS. REPLACE MISSING AND/OR UNSERVICEABLE SEALS, SPACERS, WASHERS, SPRINGS, GASKETS, PACKING, O-RINGS AND FASTENERS. ACCOMPLISH SATISFACTORY OPERATIONAL AND LOAD TESTS.

Task/Abbreviation: I-58311-094- -BOAT HDLG & STOW - MRC 9MQN			MJC: EXECIC10		Rev Date: 1/5/2007					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:			MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58311-094)THE BOAT HANDLING & STOWAGE REQUIRES ASSESSMENT.	ACCOMPLISH THE BOAT HANDLING & STOWAGE ASSESSMENT IN ACCORDANCE WITH MRC 9MQN AS FOLLOWS: 1. TEST OPERATE BOAT DAVIT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-58311-105- -INSP BOAT DAVITS - MRC T1Y1		MJC: EXECIC62	Rev Date: 3/2/2010		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:	Repair Pool:	MCC: 0			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58311-105)THE BOAT HANDLING & STOWAGE REQUIRES ASSESSMENT.	ACCOMPLISH THE BOAT HANDLING & STOWAGE ASSESSMENT IN ACCORDANCE WITH MRC T1Y1 AS FOLLOWS: 1. PERFORM VISUAL INSPECTION/COLD CHECKS. 2. PERFORM OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-58311-144- -BOAT DAVIT SLAD - MRC T2B6			MJC: EXECIF63		Rev Date: 10/14/2009					
RCM Analysis: 10/4/2004		Scheduled: Y		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 1		Freq: 18		Equip/Task: 1		Matl Cost:		ManDays: 5	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	THE BOAT DAVIT CONSTANT TENSION SLEWING ARM (MODEL D6000FCT) REQUIRES ASSESSMENT.	ACCOMPLISH THE BOAT DAVIT CONSTANT TENSION SLEWING ARM (MODEL D6000FCT) ASSESSMENT IN ACCORDANCE WITH MRC T2B6 AS FOLLOWS: 1. PERFORM VISUAL INSPECTION/COLD CHECKS. 2. PERFORM OPERATIONAL TEST. 3. PERFORM EMERGENCY OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-58311-163- -SHIPALT LHD1-03180K - ACCOMP			MJC: EXSAK738		Rev Date: 4/25/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: SALHD 03180 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-58311-163) ACCOMPLISH SHIPALT LHD1-03180K, STARBOARD 36FT LCPL BOAT DAVIT REPLACE, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03180K WHICH REPLACES THE STARBOARD 36FT LCPL BOAT AND ITS ASSOCIATED BOAT DAVIT WITH A 7M RIGID INFLATABLE BOAT (RIB) AND COTS BOAT DAVIT.

Task/Abbreviation: K-58311-172- -SHIPALT LHD1-75091K - ACCOMP			MJC: EXSAK866		Rev Date: 1/15/2009
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 75091 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-58311-172) SHIPALT LHD1-75091 K, LHA/LHD CLASS BOAT DAVIT REPLACEMENT, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-75091 K WHICH REPLACES THE LHD AND LHA CLASS BOAT DAVITS WITH COMMERCIAL OF THE SHELF (COTS) BOAT DAVITS CAPABLE OF LAUNCH AND RECOVER OF 11M OPEN, 11M CABIN OR 7NAVY STANDARD RIBS. THE LHD CLASS HAS A PORTSIDE DAVIT WHILE THE LHA CLASS HAS BOTH A STARBOARD AND PORT SIDE BOAT DAVIT. CURRENTLY, THESE DAVITS HANDLE LCPL (LANDING CRAFT, PERSONNEL, LARGE) BOATS THAT ARE IN THE PROCESS OF BEING PHASED OUT OF SERVICE BY THE FLEET. FAILURE TO ADD A DAVIT CAPABLE OF HANDLING THE PREFERRED 11M OPEN, 11M CABIN OR 7M NAVY STANDARD RIB, RESULTS IN AN INABILITY TO EFFECTIVELY PERFORM ANTI-TERRORISM/FORCE PROTECTION (AT/FP) MISSIONS AND PROVIDE REQUIRED READY-LIFEBOAT CAPABILITY. POC: RICHARD BOHINCE, 757-896-5243, RICHARD.R.BOHINCE@NGC.COM

Task/Abbreviation: I-58311-184- -BOAT DAVIT ASSESS-MRC T2A5				MJC: EXECIIS2		Rev Date: 11/6/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-58311-184) INSPECTION REQUIRED				VISUALLY INSPECT THE BOAT HANDLING DAVIT SYSTEM IN ACCORDANCE WITH MRC T2A5 AS FOLLOWS: 1. INSPECT SWING PINION AND RING GEAR. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.					

Task/Abbreviation: I-58311-188- -BOAT DAVIT ASSESS - MRC A4LL				MJC: EXECIU0		Rev Date: 10/29/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58311-188)THE BOAT DAVIT REQUIRES ASSESSMENT.	ACCOMPLISH THE BOAT DAVIT ASSESSMENT IN ACCORDANCE WITH MRC A4LL AS FOLLOWS: 1. INSPECT BOAT DAVIT AND BOAT STOWAGE ASSEMBLIES (LCC-19 ONLY). 2. INSPECT WIRE ROPE FALLS. 3. INSPECT WIRE ROPE FALL SHEAVES AND SHOCK ABSORBERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-58331-008- -(M)BOAT SLINGS - LD TST				MJC: OXTYA003		Rev Date: 6/8/2010					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 0			
NSTM CHAPTER 583, VOL 1 PARA. 583-7.4 GC:271601,MA:1328											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-58331-008)NSTM REQUIREMENT DUE.				IAW NSTM CH-583 VOL. 1, PARA. 583-7.4, INSPECT AND LOAD-TEST THE BOAT SLINGS. SUBMIT A WEIGHT TEST REPORT TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.					

Task/Abbreviation: I-58421-001- -STGT - INSP				MJC: EXECI292		Rev Date: 10/6/2011	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:		ManDays: 10	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58421-001)THE STERN GATE MACHINERY SYSTEM REQUIRES INSPECTION	INSPECT AND TEST THE STERN GATE MACHINERY SYSTEM IAW APPLICABLE TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-58421-002- -STGT HYDR PMP - RPR**MJC:** EXECQ505**Rev Date:** 10/6/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,125**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-58421-002)THE HYDRAULIC PUMP
(ROTARY/VANE) OF THE STERN GATE HYDRAULIC
POWER UNIT ASSEMBLY REQUIRES REPAIR.

REMOVE THE PUMP. OPEN, CLN AND INSP PUMP CASING. INSPECT ALL COMPONENTS. RECORD ROTOR & HOUSING BORE DIA, CLEARANCES & RUNOUTS & REPORT CONDITIONS FOUND TO THE NSA. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. ACCOMPLISH NDT PUMP SHAFT, ROTOR ASSY, LINER/SLEEVE & DISCS. B. RESURFACE & MACHINE SHAFT JOURNALS IN WAY OF PACKING & BEARINGS. C. STONE/DRESS BEARING HOUSING FIT AREAS. D. RESURFACE & MACHINE PUMP CASING BORES USING AUTHORIZED COATING SYSTEM. E. STONE/DRESS CASING MATING AND SEALING SURFACE. F. REPLACE PUMP ROTOR SHAFT AND KEY. G. REPLACE PUMP ROTOR ASSY & ENSURE ROTOR TO CASING CLEARANCES. H. REPLACE PUSH RODS AND VANES. I. REPLACE LINER/SLEEVE ASSY. J. REPLACE PUMP CASING AND DISCS. K. REPLACE PUMP TO REDUCTION GEAR COUPLING. L. REPLACE MOTOR TO REDUCTION GEAR COUPLING. M. REPAIR PRESSURE CONTROL VALVE ASSY. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, PACKING, MECHANICAL SEALS, LOCKNUTS, LOCKWASHERS, O RINGS & KEYS. RECORD POST-REPAIR CLEARANCES & RUNOUTS. ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OP TEST.

Task/Abbreviation: Q-58421-004- -STGT LOWER CYL - INSP			MJC: EXECQ507		Rev Date: 10/6/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-004)THE LOWER CYLINDER ASSEMBLY OF THE STERN GATE MACHINERY SYSTEM REQUIRES INSPECTION AND REPAIR.	INSPECT AND REPAIR LOWER CYLINDER ASSEMBLY PER CONDITION ASSESSMENT. DISASSEMBLE, CLEAN AND INSPECT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING LIST, ASSEMBLE USING NEW BACKUP RINGS, O -RINGS, ROD SEAL V -PACKING AND SEALS. REPLACE MISSING/DAMAGED FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REFACE BARREL ENDS. B. RESURFACE AND MACHINE BARREL. C. REPLACE BARREL. D. RESURFACE AND MACHINE ROD HEAD. E. REPLACE ROD HEAD. F. RESURFACE AND MACHINE PISTON ROD. G. REPLACE PISTON AND PISTON ROD. H. REPLACE PISTON BEARING. I. RESURFACE AND MACHINE PISTON ADAPTER. J. REPLACE PISTON ADAPTER. K. REPLACE ROD BEARING. L. REPLACE ROD WIPER. M. REPLACE SIDE PLATE BUSHING(S).

Task/Abbreviation: Q-58421-005- -STGT UPPER CYL - INSP			MJC: EXECQ508		Rev Date: 10/6/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required: NO	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-005)THE UPPER CYLINDER ASSEMBLY OF THE STERN GATE MACHINERY SYSTEM REQUIRES INSPECTION AND REPAIR.	INSPECT AND REPAIR UPPER CYLINDER ASSEMBLY PER CONDITION ASSESSMENT. DISASSEMBLE, CLEAN AND INSPECT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING LIST, ASSEMBLE USING NEW BACKUP RINGS, O -RINGS, ROD SEAL V -PACKING AND SEALS. REPLACE MISSING/DAMAGED FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. REFACE BARREL ENDS. B. RESURFACE AND MACHINE BARREL. C. REPLACE BARREL. D. RESURFACE AND MACHINE ROD HEAD. E. REPLACE ROD HEAD. F. RESURFACE AND MACHINE BASE HEAD. G. REPLACE BASE HEAD. H. RESURFACE AND MACHINE PISTON ROD. I. REPLACE PISTON AND PISTON ROD. J. REPLACE PISTON BEARING. K. RESURFACE AND MACHINE PISTON ADAPTER. L. REPLACE PISTON ADAPTER. M. REPLACE ROD BEARING AND ROD WIPER.

Task/Abbreviation: Q-58421-006- -STGT HE - RPR**MJC:** EXECQ509**Rev Date:** 10/6/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 900**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-58421-006)THE HEAT EXCHANGER OF THE STERN GATE MACHINERY SYSTEM REQUIRES REPAIR.

ACCOMPLISH THE FOLLOWING REPAIRS TO THE COOLER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES AND REMOVE HEADS FOR TUBE NEST & SHELL CLEANING & INSPECTION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, INSTALL COMPONENTS USING NEW GASKETS AND O- RINGS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. RE-ROLL DESIGNATED TUBES. B. INSTALL TUBE INSERTS. C. PLUG DESIGNATED TUBES. D. REPLACE DESIGNATED TUBES. E. REPLACE ZINCS. F. RECOAT/REPAIR TUBE SHEETS. G. REPAIR TUBE SUPPORT PLATES. H. REPLACE HEADS. I. CHEMICALLY- CLEAN MAIN LUBE OIL COOLER. J. MECHANICALLY-CLEAN MAIN LUBE OIL COOLER. K. REPLACE TUBE BUNDLE.

Task/Abbreviation: Q-58421-015- -STGT HE - PLUG TB			MJC: EXECJ901		Rev Date: 10/7/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 630	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-015)DESIGNATED TUBES OF THE HEAT EXCHANGER OF THE STERN GATE MACHINERY SYSTEM REQUIRE PLUGGING.	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. PLUG DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58421-016- -STGT HE - REPL BUNDLE			MJC: EXECJ902		Rev Date: 10/7/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,170	ManDays: 26	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-016)THE TUBE BUNDLE OF THE HEAT EXCHANGER OF THE STERN GATE MACHINERY SYSTEM REQUIRES REPLACEMENT.	REMOVE HEADS FOR SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN SHELL. REPLACE TUBE BUNDLE. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58421-017- -STGT HE - REPL TB			MJC: EXECJ903		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 720	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-017)DESIGNATED TUBES OF THE HEAT EXCHANGER OF THE STERN GATE MACHINERY SYSTEM REQUIRE REPLACEMENT.	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REPLACE DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58421-018- -STGT HE - REPL ZINCS			MJC: EXECJ904		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 540	ManDays: 12	Alt No:
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-018)THE ZINCS FOR THE HEAT EXCHANGER OF THE STERN GATE MACHINERY SYSTEM REQUIRE REPLACEMENT.	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58421-019- -STGT HE - REROLL TB			MJC: EXECJ905		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 720	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-019)THE TUBES OF THE HEAT EXCHANGER OF THE STERN GATE MACHINERY SYSTEM REQUIRE REROLLING.	HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES. REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPORT CONDITIONS FOUND TO THE NSA. REROLL DESIGNATED TUBES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58421-020- -STGT HE - RPR TB SH			MJC: EXECJ906		Rev Date: 7/14/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 810	ManDays: 18	Alt No:
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-020)THE TUBE SHEETS OF THE HEAT EXCHANGER OF THE STERN GATE MACHINERY SYSTEM REQUIRE REPAIR.	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. RECOAT/REPAIR TUBE SHEETS. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58421-021- -STGT HE - RPR TB SPRT			MJC: EXECJ907		Rev Date: 7/14/2004	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 810	ManDays: 18	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-021)THE TUBE SUPPORT PLATES OF THE HEAT EXCHANGER OF THE STERN GATE MACHINERY SYSTEM REQUIRE REPAIR.	REMOVE HEADS FOR TUBE NEST AND SHELL CLEANING AND INSPECTION. MECHANICALLY AND CHEMICALLY CLEAN TUBE BUNDLE AND SHELL. REPAIR TUBE SUPPORT PLATES. REPLACE ZINCS. ASSEMBLE COOLER USING NEW SEALS. REPLACE MISSING AND UNSERVICEABLE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58421-022- -STGT HYDR PMP MOT-RWND				MJC: EXECJ978		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,308		ManDays: 28		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-022)THE ELECTRIC MOTOR OF THE STERN GATE HYDRAULIC POWER UNIT HYDRAULIC PUMP REQUIRES REWINDING.	REWIND THE ELECTRIC MOTOR OF THE STERN GATE HYDRAULIC POWER UNIT HYDRAULIC PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58421-023- -STGT HYDR PMP MOT-RPR				MJC: EXECJ979		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 360		ManDays: 17		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-023)THE ELECTRIC MOTOR OF THE STERN GATE HYDRAULIC POWER UNIT HYDRAULIC PUMP REQUIRES RECONDITIONING.	RECONDITION THE ELECTRIC MOTOR OF THE STERN GATE HYDRAULIC POWER UNIT HYDRAULIC PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-58421-024- -STGT HYDR PMP MOT BRG-REPL				MJC: EXECJ980		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 180		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-024)THE ELECTRIC MOTOR BEARINGS OF THE STERN GATE HYDRAULIC POWER UNIT HYDRAULIC PUMP REQUIRES REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE STERN GATE HYDRAULIC POWER UNIT HYDRAULIC PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58421-025- -STGT HYDR PMP ROTOR ASSY-REPL			MJC: EXECJCT2		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-025)THE STERN GATE HYDRAULIC PUMP (ROTARY/VANE) ROTOR ASSY AND LINER SLEEVE REQUIRE REPLACEMENT.	REPLACE THE STERN GATE HYDRAULIC PUMP (ROTARY/VANE) ROTOR ASSY AND LINER SLEEVE. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, PACKING, MECHANICAL SEALS, LOCKNUTS, LOCKWASHERS, O RINGS & KEYS. RECORD POST-REPAIR CLEARANCES & RUNOUTS. ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58421-026- -STGT HYDR PMP HEAD ASSY - REPL				MJC: EXECJCT3		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-026)THE STERN GATE HYDRAULIC PUMP (ROTARY/VANE) HEAD ASSEMBLY REQUIRES REPLACEMENT.	REPLACE THE STERN GATE HYDRAULIC PUMP (ROTARY/VANE) HEAD ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, PACKING, MECHANICAL SEALS, LOCKNUTS, LOCKWASHERS, O RINGS & KEYS. RECORD POST-REPAIR CLEARANCES & RUNOUTS. ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58421-027- -STGT HYDR PMP VANES - REPL			MJC: EXECJCT4		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-027)THE STERN GATE HYDRAULIC PUMP (ROTARY/VANE) ROTOR SLEEVE, RODS AND VANES REQUIRE REPLACEMENT.	REPLACE THE STERN GATE HYDRAULIC PUMP (ROTARY/VANE) ROTOR SLEEVE, RODS AND VANES. REASSEMBLE UNIT USING NEW GASKETS, BEARINGS, PACKING, MECHANICAL SEALS, LOCKNUTS, LOCKWASHERS, O RINGS & KEYS. RECORD POST-REPAIR CLEARANCES & RUNOUTS. ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58421-028- -STGT HYDR PMP CPLG - REPL				MJC: EXECJCT5		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 150		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-028)THE STERN GATE HYDRAULIC PUMP (ROTARY/VANE) COUPLING REQUIRES REPLACEMENT.	REPLACE THE STERN GATE HYDRAULIC PUMP (ROTARY/VANE) COUPLING AS REQUIRED. RECORD POST-REPAIR CLEARANCES & RUNOUTS. ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58421-029- -STGT HYDR PMP MECH SEAL - REPL			MJC: EXECJCT6		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 350	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-029)THE STERN GATE HYDRAULIC PUMP (ROTARY/VANE) MECHANICAL SEAL REQUIRES REPLACEMENT.	REPLACE THE STERN GATE HYDRAULIC PUMP (ROTARY/VANE) MECHANICAL SEAL. RECORD POST-REPAIR CLEARANCES & RUNOUTS. ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58421-030- -STGT HYDR PMP - REPL			MJC: EXECJCT7		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-030)THE STERN GATE HYDRAULIC PUMP (ROTARY/VANE) REQUIRES REPLACEMENT.	REPLACE THE STERN GATE HYDRAULIC PUMP (ROTARY/VANE). ALIGN DRIVER & PUMP TO REDUCTION GEAR UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation:		Q-58421-064- -STGT CONTACTOR-CLEAN		MJC:	EXECQC57	Rev Date:	9/14/2006	
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	2	Removal Required:		
Lvl of Maint:	4	Freq:	0	Equip/Task:	1	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-064)STERN GATE MOTOR CONTROLLER CONTACTOR CORRODED.	CLEAN STERN GATE MOTOR CONTROLLER CONTACTOR . ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58421-065- -STGT RUBBER INSERT-REPL				MJC: EXECQC58		Rev Date: 9/14/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 199		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-065) STERN GATE HAS DAMAGED COUPLING.	REPLACE STERN GATE COUPLING RUBBER INSERT. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58421-066- -STGT DAMAGED COMPONENT-REPL		MJC: EXECQC59		Rev Date: 9/14/2006	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 429	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-066) STERN GATE CONTROL SWITCHES INOPERATIVE.	REPAIR/REPLACE STERN GATE CONTROL SWITCHES. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58421-067- -STGT LIMIT SW ARM-CLEAN			MJC: EXECQC60		Rev Date: 9/14/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-067)STERN GATE LIMIT SWITCH ARM SEIZED.	CLEAN AND LUBRICATE ARM. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58421-068- -STGT LIMIT SW ARM-REPL				MJC: EXECQC61		Rev Date: 9/14/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 4		Freq: 0		Equip/Task: 1		Matl Cost: 692		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-068)STERN GATE LIMIT SWITCH ARM SEIZED.	REPLACE ARM. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58421-069- -STGT RAISE/LOWER SW-REPL			MJC: EXECQC62		Rev Date: 9/14/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 107	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-069)STERN GATE RAISE/LOWER SWITCHES INOPERATIVE.	REPLACE SWITCHES. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58421-072- -STGT CONTACTOR-REPL			MJC: EXECQC65		Rev Date: 9/14/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 10,633	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-58421-072)STERN GATE MOTOR CONTROLLER CONTACTOR BURNT.	REPAIR/REPLACE CONTACTOR. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.			

Task/Abbreviation: Q-58421-075- -STGT CHAIN-REPL			MJC: EXECQC68		Rev Date: 9/14/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 3,132	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58421-075)STERN GATE CHAIN LINKS OUT OF TOLERANCE.	REPLACE CHAIN. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: D-58421-084- -SHIPALT LHD1-78033D - ACCOMP			MJC: EXSAD761		Rev Date: 9/21/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SA 78033 D
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	D-58421-084 SHIPALT 78033D, UPPER STERN GATE IMPROVEMENTS, NOT ACCOMPLISHED	INDUSTRIAL- ACCOMPLISH SHIPALT LHD1-78033D WHICH IMPROVES THE OPERATION OF THE UPPER STERN GATE SYSTEM BY ELIMINATING DESIGN PROBLEMS ASSOCIATED WITH OVER-PRESSURIZATION OF THE HYDRAULIC SYSTEM, MECHANICAL INTERFACE BETWEEN THE ACTIVATING CYLINDERS AND THE SLIDE BASE AND LATCHING ASSEMBLIES. THIS ALTERATION ALSO PROTECTS ELECTRICAL COMPONENTS FROM THE ENVIRONMENT, AND THE UTILZES CORROSION RESISTANT MATERIALS FOR COMPONENTS. BRIEF OF WORK REQUIRED TO ACCOMPLISH IMPROVEMENTS FURTHER DEFINED IN SCD 8033. POC: JOHN STONE, 202-781-2240, JOHN.E.STONE@NAVY.MIL

Task/Abbreviation: I-58431-008- -RAMP (MECH) - INSP				MJC: EXECI456		Rev Date: 1/22/2007	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 10	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58431-008)THE MECHANICALLY OPERATED VEHICLE HINGED RAMP SYSTEM REQUIRES INSPECTION	INSPECT AND TEST THE MECHANICALLY OPERATED VEHICLE HINGED RAMP SYSTEM. ACCOMPLISH AN ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. INCLUDE: A. HOIST SYSTEM. B. RAMP DOGGING SYSTEM. C. LIMIT SWITCHES. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-58431-009- -RAMP HOIST WN - RPR				MJC: EXECQBB2		Rev Date: 8/23/2002	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58431-009)THE HOIST WINCH FOR THE MECHANICALLY OPERATED VEHICLE HINGED RAMP SYSTEM REQUIRES REPAIR.	REPAIR THE HOIST WINCH FOR THE MECHANICALLY OPERATED VEHICLE HINGED RAMP PER CONDITION ASSESSMENT RECOMMENDATIONS. REMOVE WIRE ROPE. DRAIN OIL FROM GEAR CASE. DISASSEMBLE & CLEAN ALL COMPONENTS FOR INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ASSEMBLE WINCH USING NEW O-RINGS, GASKETS, SEALS, STUDS, BOLTS, SCREWS, NUTS, WASHERS, DOWELS, PINS, RINGS, PLUGS, SPACERS AND LABYRINTH PACKING . LUBRICATE WINCH AND WIRE ROPE. REPLACE GEAR CASE OIL. ACCOMPLISH NAVSEA STANDARD ITEM 009-32 FOR NORMALLY PAINTED NEW AND DISTURBED SURFACES. ACCOMPLISH STATIC, DYNAMIC AND WORKING LOAD TESTS.

Task/Abbreviation: Q-58431-014- -RAMP HOIST WN MOT-RWND				MJC: EXECJB34		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 960		ManDays: 23		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58431-014)THE HOIST WINCH ELECTRIC MOTOR OF THE MECHANICALLY OPERATED VEHICLE HINGED RAMP REQUIRES REWINDING.	REWIND THE HOIST WINCH ELECTRIC MOTOR OF THE MECHANICALLY OPERATED VEHICLE HINGED RAMP IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58431-015- -RAMP HOIST WN MOT-RPR			MJC: EXECJB35		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 300	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58431-015)THE HOIST WINCH ELECTRIC MOTOR OF THE MECHANICALLY OPERATED VEHICLE HINGED RAMP REQUIRES RECONDITIONING.	RECONDITION THE HOIST WINCH ELECTRIC MOTOR OF THE MECHANICALLY OPERATED VEHICLE HINGED RAMP IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-58431-016- -RAMP HOIST WN MOT BRG-REPL				MJC: EXECJB36		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 150		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58431-016)THE HOIST WINCH ELECTRIC MOTOR BEARINGS OF THE MECHANICALLY OPERATED VEHICLE HINGED RAMP REQUIRE REPLACING.	DISASSEMBLE THE HOIST WINCH ELECTRIC MOTOR OF THE MECHANICALLY OPERATED VEHICLE HINGED RAMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: D-58810-001- -SHIPALT LHD1-78269D - ACCOMP**MJC:** EXSAD708**Rev Date:** 9/21/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10**ManDays:** 14**Alt No:** SA 78269D**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(D-58810-1) SHIPALT 78269D ACFT ELEV MANUAL
UP/DN CONTROL, NOT ACCOMPLISHED.

AIT-ACCOMPLISH SHIPALT LHD1-78269D WHICH INSTALLS A NEW ADJUSTABLE BRACKET ASSEMBLY TO ACCOMMODATE THE REPLACEMENT DECK CONTROL MANIFOLD UP/DOWN CONTROL SOLENOID VALVE (V-129) FOR BOTH ELEVATORS. IN THE EVENT THE ELECTRICAL CONTROL POWER FAILS, THE SOLENOID VALVE MUST BE OPERATED MANUALLY WITH A DIRECTIONAL CONTROL MANUAL OPERATING BRACKET ASSEMBLY. THE ORIGINAL AS-BUILT SOLENOID VALVE HAS BECOME OBSOLETE. THE REPLACEMENT SOLENOID VALVE IS FUNCTIONALLY EQUIVALENT WITH THE ORIGINAL BUT IS DIMENSIONALLY LARGER. THEREFORE, THE MANUAL OPERATOR BRACKET NO LONGER FUNCTIONS PROPERLY WITH THE LARGER REPLACEMENT SOLENOID VALVE. A NEW BRACKET ASSEMBLY WAS DESIGNED BY NORFOLK NAVAL SHIPYARD TO BE ADJUSTABLE TO ACCOMMODATE BOTH THE NEW AND ORIGINAL VALVES, AND MUST BE INSTALLED TO ACCOMMODATE THE REPLACEMENT VALVE. THE REDESIGNED MANUAL OPERATING BRACKET ASSEMBLY (DRAWING 53711-588-8175292 REV A) WILL BE PREFABRICATED BY NORFOLK NAVAL SHIPYARD AND SUPPLIED TO THE INSTALLATION ACTIVITY WHEN REQUESTED. POC: CONRADO CAJIGAS, 619-437-2704, CONRADO.CAJIGAS@NAVY.MIL

Task/Abbreviation: K-58811-002- -SHIPALT LHD1-00020K - ACCOMP				MJC: EXSAK005		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required: NO			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 200,000		ManDays: 2712		Alt No: SALHD 00020 K	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-58811-2) NAVSEA AUTHORIZED SHIPALT	ACCOMPLISH SHIPALT LHD1-20K "AV-8 VAN STOWAGE MODS" WHICH ALLOW FOR MORE RAPID DEPLOYMENT FOR FOUR AV-8 VANS, AND TO PROVIDE PROTECTION FROM SHOCK LOADS.

Task/Abbreviation: A-58811-004- -AER LHD1-02297 - ACCOMP			MJC: EXTYA111		Rev Date: 3/7/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,000	ManDays: 80	Alt No: TYLHD 02297
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-58811-4) TYCOM AUTHORIZED ALTERATION	ACCOMPLISH AER LHD1-02297E "MODIFICATION OF AIRCRAFT ELEVATOR FEEDBACK ASSEMBLY" WHICH REMOVES THE EXISTING SPIRAL PIN ON THE AIRCRAFT ELEVATOR (ACE) FEEDBACK ASSEMBLY OUTPUT SHAFT AND KEYS THE SHAFT TO THE UNIVERSAL JOINT. THIS PRECLUDES THE ACE FEEDBACK ASSEMBLY SPIRAL PIN FROM SHEARING.

Task/Abbreviation: I-58811-005- -AIRCRAFT ELEVATOR - INSP			MJC: EXECI470		Rev Date: 5/2/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 135	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASLINE	(I-58811-005) THE AIRCRAFT ELEVATOR AND ELEVATOR COMPONENTS REQUIRE INSPECTION AND OPERATIONAL TEST.	INSPECT AND OPERATIONALLY TEST AIRCRAFT ELEVATOR AND ELEVATOR COMPONENTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. INSPECTION TO INCLUDE THE FOLLOWING: A. ELEVATOR PLATFORM AND ROLLER ASSEMBLIES. B. HOIST MACHINERY, HYDRAULIC ENGINE, SHEAVES AND ASSOCIATED FOUNDATIONS. C. HYDRAULIC SYSTEM COMPONENTS AND PIPING. D. ELECTRICAL MOTORS, CONTROLLERS, LIMIT SWITCHES AND WIRING. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-58811-006- -(M)ACFT ELEV WIRE ROPE - REPL			MJC: EXECM163		Rev Date: 9/16/2009	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 60	Equip/Task: 1	Matl Cost: 32,500	ManDays: 130	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 3		
NSTM CH-588, PARA 588-4.4.5 TABLE 588-4-2 GC:788000,MA:2200						
Reason:	Problem Description:		Recommended Solution:			
BASELINE	(Q-58811-006)NSTM REQUIREMENT DUE.		IAW NSTM CH-588, PARA 588-4.4.5, REPLACE AIRCRAFT ELEVATOR WIRE ROPES AS FOLLOWS: A). REMOVE EXISTING WIRE ROPES. B). ACCOMPLISH PROOF TEST OF EACH NEW WIRE ROPE COMPLETE WITH END FITTINGS TO 40% OF BREAKING STRENGTH. C). LUBRICATE EACH WIRE ROPE. (LUBRICANT TO CONFORM TO MIL-PRF-18458) D). INSPECT CLAMPING DEVICES, NDT SOCKETS, EYEBOLTS AND SUSPECT AREAS. E). INSTALL NEW WIRE ROPES. F). CONDUCT TENSION TEST ON ALL WIRES ROPES. ADJUST TENSION AS NECESSARY. G). PERFORM REQUIRED WEIGHT TEST. **NOTES: 1. NEW WIRE ROPE IS CONSTRUCTED OF GALVANIZED STEEL. 2. HEAVY-HEX NUTS ARE MADE OF NITRONIC-60 STAINLESS STEEL (ASTM UNIFIED # S21800, TYPE: III, STYLE: B)TO MIL-DTL-1222 DESIGN. 3. HITCH-BOLTS ARE MADE OF 8630 ALLOY STEEL PER MIL-S-6050 (CONDITION: NORMALIZED). 4. EYE BOLTS ARE MADE OF 17-4PH STAINLESS STEEL (ASTM-A564, TYPE: 630, CONDITION: H1150). REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.			

Task/Abbreviation: I-58811-007- -AIRCRAFT ELEVATOR - MRC 8YJT**MJC:** EXECIC70**Rev Date:** 4/8/2010**RCM Analysis:** 12/6/2004**Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 18**Equip/Task:** 1**Matl Cost:****ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-58811-007) THE AIRCRAFT ELEVATORS REQUIRE ASSESSMENT.

ACCOMPLISH THE AIRCRAFT ELEVATOR ASSESSMENT IN ACCORDANCE WITH MRC 8YJT AS FOLLOWS: 1. CONDUCT SYSTEM OPERABILITY TEST (SOT). 2. INSPECT MACHINERY COMPONENTS. 3. INSPECT HYDRAULIC PUMPS/COMPONENTS. 4. INSPECT HANGAR/FLIGHT DECK CONTROL STATION. 5. INSPECT HANGAR/FLIGHT DECK STANCHION. 6. TEST OPERATE ELEVATOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-58811-010- -AIRCRAFT ELEV DOOR - MRC T1S3**MJC:** EXECICU1**Rev Date:** 5/22/2008**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 4**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-58811-010) THE DECK EDGE AIRCRAFT ELEVATOR DOOR (LHD) REQUIRES ASSESSMENT.

ACCOMPLISH DECK EDGE AIRCRAFT ELEVATOR DOOR (LHD) ASSESSMENT IN ACCORDANCE WITH MIP 5841/009; MRC T1S3 AS FOLLOWS: 1. INSPECT MECHANICAL EQUIPMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-58811-016- -ACFT ELEV CONTACTOR-REPL			MJC: EXECQC73		Rev Date: 9/14/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 9,572	ManDays: 4	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58811-016) AIRCRAFT ELEVATOR MOTOR CONTROLLER CONTACTOR INOPERATIVE.	REPAIR/REPLACE AIRCRAFT ELEVATOR MOTOR CONTROLLER CONTACTORS(S). ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH MIP 5881/002; MRC 8YJT. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58811-017- -ACFT ELEV DK EDGE WELD-RPR			MJC: EXECQC74		Rev Date: 9/14/2006	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 10	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58811-017) AIRCRAFT ELEVATOR DECK EDGE HAS CRACKED WELDS.	REPAIR CRACKED WELDS. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH MIP 5881/002; MRC 8YJT. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58811-018- -ACFT ELEV LNKGD-RPL/ADJ			MJC: EXECQC75		Rev Date: 8/11/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58811-018) AIRCRAFT ELEVATOR DECK EDGE LINKAGE IS DAMAGED.	REPLACE LINKAGE AND ADJUST AS NECESSARY. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH MIP 5881/002; MRC 8YJT. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58811-019- -ACFT ELEV LIMIT SW-REPL			MJC: EXECQC76		Rev Date: 9/14/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 526	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58811-019) AIRCRAFT ELEVATOR DECK EDGE LIMIT SWITCH IS INOPERATIVE.	REPAIR/REPLACE LIMIT SWITCH. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH MIP 5881/002; MRC 8YJT. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58811-028- -ACFT ELEV COUPLING-ADJ			MJC: EXECQC85		Rev Date: 9/14/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58811-028) AIRCRAFT ELEVATOR TORQUE LIMITER COUPLING OUT OF ADJUSTMENT.	ADJUST TORQUE LIMITER COUPLING. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58811-029- -ACFT ELEV COUPLING-REPL			MJC: EXECQC86		Rev Date: 9/14/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,219	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58811-029) AIRCRAFT ELEVATOR TORQUE LIMITER COUPLING OUT OF ADJUSTMENT.	REPLACE TORQUE LIMITER COUPLING. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58811-034- -ACFT ELEV CONTROL CABLE-REPL		MJC: EXECQC91	Rev Date: 9/14/2006		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 5	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-58811-034) AIRCRAFT ELEVATOR MANUAL CONTROL CABLE DAMAGED.	REPAIR/REPLACE CABLE AS NECESSARY. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.			

Task/Abbreviation: Q-58811-035- -ACFT ELEV MASTER SW-REPL			MJC: EXECQC92		Rev Date: 9/14/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 950	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58811-035) AIRCRAFT ELEVATOR MASTER SWITCH IS INOPERATIVE.	REPAIR/REPLACE SWITCH NECESSARY. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58811-037- -ACFT ELEV PINS-REPL			MJC: EXECQC94		Rev Date: 9/14/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 100	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58811-037) AIRCRAFT ELEVATOR PINS ARE SHEARED/DAMAGED.	REPLACE AIRCRAFT ELEVATOR PINS. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58811-039- -ACFT ELEV STANCHION-REPR			MJC: EXECQC96		Rev Date: 9/14/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 30,925	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-58811-039) AIRCRAFT ELEVATOR STANCHIONS ARE INOPERABLE.	REPAIR/REPLACE STANCHIONS AS NECESSARY. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.			

Task/Abbreviation: K-58811-043- -SHIPALT LHD1-03143K - ACCOMP				MJC: EXSAK736		Rev Date: 4/23/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 200,000		ManDays: 2712		Alt No: SALHD 03143 K	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-58811-43) SHIPALT LHD1-03143K "AV-8B VAN MODS", NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03143K "AV-8B VAN MODS" WHICH CHANGE PRESENT STOWAGE CONFIGURATION TO ALLOW FOR MORE RAPID DEPLOYMENT OF VANS.

Task/Abbreviation: I-58812-005- -AIRCRAFT ELEVATOR - INSP			MJC: EXECI471		Rev Date: 5/2/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 135	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58812-005) THE AIRCRAFT ELEVATOR AND ELEVATOR COMPONENTS REQUIRES INSPECTION AND OPERATIONAL TEST	INSPECT AND OPERATIONALLY TEST AIRCRAFT ELEVATOR AND ELEVATOR COMPONENTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. TO INCLUDE THE FOLLOWING: A. ELEVATOR PLATFORM AND ROLLER ASSEMBLIES. B. HOIST MACHINERY, HYDRAULIC ENGINE, SHEAVES AND ASSOCIATED FOUNDATIONS. C. HYDRAULIC SYSTEM COMPONENTS AND PIPING. D. ELECTRICAL MOTORS, CONTROLLERS, LIMIT SWITCHES AND WIRING. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-58812-006- -(M)ACFT ELEV WIRE ROPE - REPL				MJC: EXECM164		Rev Date: 9/16/2009					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 60		Equip/Task: 1		Matl Cost: 32,500		ManDays: 130		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
NSTM CH-588, PARA 588-4.4.5 TABLE 588-4-2 GC:788000,MA:2200											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-58812-006)NSTM REQUIREMENT DUE.				IAW NSTM CH-588, PARA 588-4.4.5, REPLACE AIRCRAFT ELEVATOR WIRE ROPES AS FOLLOWS: A). REMOVE EXISTING WIRE ROPES. B). ACCOMPLISH PROOF TEST OF EACH NEW WIRE ROPE COMPLETE WITH END FITTINGS TO 40% OF BREAKING STRENGTH. C). LUBRICATE EACH WIRE ROPE. (LUBRICANT TO CONFORM TO MIL-PRF-18458) D). INSPECT CLAMPING DEVICES, NDT SOCKETS, EYEBOLTS AND SUSPECT AREAS. E). INSTALL NEW WIRE ROPES. F). CONDUCT TENSION TEST ON ALL WIRES ROPES. ADJUST TENSION AS NECESSARY. G). PERFORM REQUIRED WEIGHT TEST. ** NOTES: 1. NEW WIRE ROPE IS CONSTRUCTED OF GALVANIZED STEEL. 2. HEAVY-HEX NUTS ARE MADE OF NITRONIC-60 STAINLESS STEEL (ASTM UNIFIED # S21800, TYPE: III, STYLE: B)TO MIL-DTL-1222 DESIGN. 3. HITCH-BOLTS ARE MADE OF 8630 ALLOY STEEL PER MIL-S-6050 (CONDITION: NORMALIZED). 4. EYE BOLTS ARE MADE OF 17-4PH STAINLESS STEEL (ASTM-A564, TYPE: 630, CONDITION: H1150). REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.					

Task/Abbreviation: I-58812-007- -AIRCRAFT ELEVATOR - MRC 8YJT**MJC:** EXECIC71**Rev Date:** 4/8/2010**RCM Analysis:** 12/6/2004**Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 18**Equip/Task:** 1**Matl Cost:****ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-58812-007)THE AIRCRAFT ELEVATORS REQUIRES ASSESSMENT.

ACCOMPLISH THE AIRCRAFT ELEVATORS ASSESSMENT IN ACCORDANCE WITH MRC 8YJT AS FOLLOWS: 1. CONDUCT SYSTEM OPERABILITY TEST (SOT). 2. INSPECT MACHINERY COMPONENTS. 3. INSPECT HYDRAULIC PUMPS/COMPONENTS. 4. INSPECT HANGAR/FLIGHT DECK CONTROL STATION. 5. INSPECT HANGAR/FLIGHT DECK STANCHION. 6. TEST OPERATE ELEVATOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-58812-009- -AIRCRAFT ELEV DOOR- MRC T1S3			MJC: EXECICU3		Rev Date: 5/22/2008
RCM Analysis: 8/2/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58812-009) THE LHD DECK EDGE AIRCRAFT ELEVATOR DOOR REQUIRES ASSESSMENT.	ACCOMPLISH THE LHD DECK EDGE AIRCRAFT ELEVATOR DOOR ASSESSMENT IN ACCORDANCE WITH MRC T1S3 AS FOLLOWS: 1. INSPECT MECHANICAL EQUIPMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-58812-030- -ACFT ELEV CONTACTOR-REPL			MJC: EXT YAAB3		Rev Date: 2/3/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 9,572	ManDays: 4	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58812-030) AIRCRAFT ELEVATOR MOTOR CONTROLLER CONTACTOR INOPERATIVE.	REPAIR/REPLACE AIRCRAFT ELEVATOR MOTOR CONTROLLER CONTACTOR. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58812-032- -ACFT ELEV DK EDGE WELD-RPR				MJC: EXECQEA3		Rev Date: 9/14/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 0			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58812-032) AIRCRAFT ELEVATOR DECK EDGE HAS CRACKED WELDS.	REPAIR CRACKED WELDS. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58812-033- -ACFT ELEV LNKGD-RPL/ADJ				MJC: EXECQEA5		Rev Date: 2/3/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 0			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58812-033) AIRCRAFT ELEVATOR DECK EDGE LINKAGE IS DAMAGED.	REPLACE LINKAGE AND ADJUST AS NECESSARY. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58812-034- -ACFT ELEV LIMIT SW-REPL		MJC: EXECQEA4	Rev Date: 9/14/2006		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:	Repair Pool:	MCC: 0			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58812-034) AIRCRAFT ELEVATOR DECK EDGE LIMIT SWITCH IS INOPERATIVE/DAMAGED.	REPAIR/REPLACE AIRCRAFT ELEVATOR LIMIT SWITCH. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58812-035- -ACFT ELEV COUPLING-ADJ				MJC: EXECQEA6		Rev Date: 9/14/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 0			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58812-035) AIRCRAFT ELEVATOR TORQUE LIMITER COUPLING OUT OF ADJUSTMENT.	ADJUST TORQUE LIMITER COUPLING. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58812-036- -ACFT ELEV COUPLING-REPL				MJC: EXECQEA7		Rev Date: 9/14/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 0			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58811-029) AIRCRAFT ELEVATOR TORQUE LIMITER COUPLING OUT OF ADJUSTMENT.	REPLACE TORQUE LIMITER COUPLING. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation:		Q-58812-037- -ACFT ELEV CONTROL CABLE-REPL		MJC:	EXECQEA8	Rev Date:	9/14/2006				
RCM Analysis:		Scheduled:	N	Sit Reqs:		Qty:	0	Removal Required:			
Lvl of Maint:	1	Freq:	0	Equip/Task:	0	Matl Cost:		ManDays:	0	Alt No:	
Referenced Authority:		Repair Pool:		MCC:		0					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58812-037) AIRCRAFT ELEVATOR MANUAL CONTROL CABLE DAMAGED.	REPAIR/REPLACE AIRCRAFT ELEVATOR MANUAL CONTROL CABLE AS NECESSARY. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation:		Q-58812-038- -ACFT ELEV MASTER SW-REPL		MJC:	EXECQEA9	Rev Date:	9/14/2006
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	0	Removal Required:	
Lvl of Maint:	1	Freq:	0	Equip/Task:	0	Matl Cost:	
						ManDays:	0
Referenced Authority:		Repair Pool:		MCC:	0	Alt No:	

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58812-038) AIRCRAFT ELEVATOR MASTER SWITCH IS INOPERATIVE.	REPAIR/REPLACE SWITCH NECESSARY. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58812-039- -ACFT ELEV PINS-REPL				MJC: EXECQEB2		Rev Date: 9/14/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 0			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58811-037) AIRCRAFT ELEVATOR PINS ARE SHEARED.	REPLACE AIRCRAFT ELEVATOR PINS. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-58812-040- -ACFT ELEV STANCHION-REPR		MJC: EXECQEB3	Rev Date: 9/14/2006		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:	Repair Pool:	MCC: 0			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58811-039) AIRCRAFT ELEVATOR STANCHIONS ARE INOPERABLE.	REPAIR/REPLACE STANCHIONS AS NECESSARY. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: R-58821-007- -AVIATION FACIL DISCREP - CORR			MJC: EXSYR141		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 10,000	ManDays: 60	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-58821-007)DISCREPANCIES DISCOVERED DURING NAWC AVIATION FACILITIES ASSIST VISIT REQUIRE CORRECTION.	PROVIDE RESERVATION OF __MANDAYS AND \$_____ MATERIAL TO CORRECT INCIDENTAL GOVERNMENT RESPONSIBLE DISCREPANCIES DISCOVERED DURING NAWC AVIATION FACILITIES ASSIST VISIT.

Task/Abbreviation: K-58821-018- -SHIPALT LHD1-03031K - ACCOMP			MJC: OXSAK055		Rev Date: 5/14/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 245,368	ManDays: 2065	Alt No: SALHD 03031 K	
Referenced Authority:		Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-58821-18) SHIPALT LHD1-03031K, MV-22 SERVICES AND SHOP MODS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03031K WHICH ALLOWS LHD 1 CLASS SHIPS TO DEPLOY AND OPERATE WITH MV-22 TILT ROTOR AIRCRAFT. MODIFICATIONS INCLUDE HEAT SHIELDING AND RELOCATION OF EQUIPMENT IN ORDER TO PROTECT SYSTEMS FROM MV-22 EXHAUUST, AND TO PROVIDE ADEQUATE SUPPORT SERVICES FOR THOSE AIRCRAFT. POC: LCDR PAT MORROW, 202-781-3507, PATRICK.K.MORROW2@NAVY.MIL OR THOMAS BENNETT, 215 599 7001, ROCKIE.BENNETT@NGC.COM

Task/Abbreviation: K-58821-021- -SHIPALT LHD1-03079K - ACCOMP			MJC: OXSAK063		Rev Date: 5/14/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 999,999	ManDays: 404	Alt No: SALHD 03079 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-58821-21) SHIPALT LHD1-03079K, MV-22 TOPSIDE MODS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03079K WHICH PROVIDES NECESSARY REMOVAL, RELOCATION, OR PROTECTION OF FLIGHT DECK, CATWALK, WALKWAYS, ELEVATORS AND ISLAND BULKHEAD EQ AFFECTED BY MV-22 HOT ENGINE EXHAUST, DOWN WASH AND EXHAUST PLUME. POC: THOMAS BENNETT, 215 599 7001, ROCKIE.BENNETT@NGC.COM

Task/Abbreviation: K-58821-024- -SHIPALT LHD1-00274K - ACCOMP			MJC: OXSAK065		Rev Date: 2/21/2007	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 274,050	ManDays: 35404	Alt No: SALHD 00274 K	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-58821-24) SHIPALT LHD1-00274K, MV-22 SERVICES AND SHOP MODS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00274K WHICH ACCOMPLISH MODIFICATIONS TO ALLOW LHD 1 CLASS SHIPS TO DEPLOY AND OPERATE WITH MV-22 TILT ROTOR AIRCRAFT. MODIFICATIONS INCLUDE HEAT SHIELDING AND RELOCATION OF EQUIPMENT IN ORDER TO PROTECT SYSTEMS FROM MV 22 EXHAUST.

Task/Abbreviation: K-58821-025- -SHIPALT LHD1-00283K - ACCOMP			MJC: OXSAK066		Rev Date: 2/21/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 46,875	ManDays: 248	Alt No: SALHD 00283 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-58821-25) SHIPALT LHD1-00283K, MV-22 TOPSIDE MODS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00283K WHICH PROVIDE AMPHIB FORCES W/A FOLLOW-ON AIR-LIFT CAPABILITY OF US MARINE CORPS COMBAT LOADED TROOPS (CLT).

Task/Abbreviation: I-58921-001- -(M)SIDEPORT HOIST - LD TST				MJC: EXECM138		Rev Date: 8/23/2011					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 2		Removal Required: NO			
Lvl of Maint: 1		Freq: 48		Equip/Task: 1		Matl Cost:		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-58921-001)NSTM REQUIREMENT DUE				IAW NSTM CH-589, PARA. 589-5.2, INSPECT AND LOAD-TEST THE SIDE PORT HOIST(S) AND REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.					

Task/Abbreviation: I-58921-002- -(M)BRIDGE CRANE - LD TST		MJC: EXECM139	Rev Date: 8/23/2011		
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 1	Removal Required: NO	
Lvl of Maint: 1	Freq: 48	Equip/Task: 1	Matl Cost:	ManDays: 10	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58921-002)NSTM REQUIREMENT DUE	IAW NSTM CH-589, PARA. 589-5.2, INSPECT AND LOAD-TEST THE BRIDGE CRANE(S) AND REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-58931-001- -(M)PERS ELEV - LD TST**MJC:** EXECM140**Rev Date:** 3/23/2010**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:** NO**Lvl of Maint:** 1**Freq:** 72**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2

NSTM CH-772, PARA 772-5.2.9 PARA 772-5.4 GC:787000,MA:0919

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(I-58931-001)NSTM REQUIREMENT DUE.

ACCOMPLISH SATISFACTORY LOAD-TEST OF THE PERSONNEL ELEVATOR IAW NSTM CH-772-5.2.9 & 772-5.4 AS FOLLOWS: A). INSPECT WIRE ROPES, SHEAVES, WIRE ROPE SOCKETS, BRAKE BANDS & LIMIT SWITCHES FOR GENERAL CONDITION. B). ACCOMPLISH NO-LOAD TEST, CYCLE FOR 30 MINUTES. INSP SAFETY DEVICES & INDICATOR LIGHTS. TEST OPERATE ALL CONTROLS. C). ACCOMPLISH STATIC LOAD TEST AT TWICE THE RATED LOAD WITH THE BRAKE APPLIED FOR 10 MINUTES ---NO SLIPPAGE ALLOWED. D). ACCOMPLISH DYNAMIC LOAD TEST AT 1.5 TIMES THE RATED LOAD FOR TWO COMPLETE CYCLES IN ALL SPEEDS. MONITOR ELECTRIC MOTOR FOR EVIDENCE OF OVERHEATING. APPLY BRAKE WITH LOAD TRAVELING IN DOWN DIRECTION; MAXIMUM ALLOWABLE SLIPPAGE = 3 FEET. E). ACCOMPLISH RATED LOAD TEST. F). ACCOMPLISH EMERGENCY RUN TEST FOR 1 COMPLETE CYCLE. INSPECT FOR PROPER OPERATION. G). INSPECT & TEST THE OVERSPEED GOVERNOR & KNURLED ROLLER ASSEMBLY. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-58931-017- -(M)PERS ELEV OVSP GOV - CAL			MJC: EXECIHG9		Rev Date: 9/22/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 72	Equip/Task: 1	Matl Cost:	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58931-017) NSTM REQUIREMENT DUE.	CALIBRATE THE PERSONNEL ELEVATOR OVERSPEED GOVERNOR TRIP SPEED IAW NSTM 772-5.2.9 AND THE APPLICABLE TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-58931-018- -(M)PERS ELEV - ASSESS				MJC: EXECIIE1		Rev Date: 9/17/2009	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty: 1	Removal Required:	
Lvl of Maint: 3		Freq: 18	Equip/Task: 1	Matl Cost: 200	ManDays: 10	Alt No:	
Referenced Authority:			Repair Pool:		MCC: 3		
NSTM CH-772, PARA 772-5.3 JFMM VOL. IV CHAP-8.4.1 GC:787000,MA:1300							
Reason:	Problem Description:			Recommended Solution:			
BASELINE	(I-58931-018)NSTM REQUIREMENT DUE.			ASSESS THE CONDITION OF THE PERSONNEL ELEVATOR IAW NSTM 772-5.3 USING SYSTEM OPERABILITY TEST (SOT) LEVEL III (EXCLUDING LOAD TESTS) FOR GUIDANCE. A GENERAL REVIEW OF THE INTEGRATED LOGISTICS SUPPORT (ILS) DOCUMENTS (TECHNICAL MANUALS, APL, PMS) FOR DISCREPANCIES SHALL ALSO BE ACCOMPLISHED DURING THE ASSESSMENT. REPORT CONDITIONS FOUND TO THE NSA. ** NOTE: 1. SHIP'S FORCE TO SUBMIT A 4790.2K FOR EQUIPMENT WITH OUT-OF-DATE PERIODICITY. 2. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.			

Task/Abbreviation: I-58962-001- -SIDEPORT DOORS - OP CHK			MJC: EXECI424		Rev Date: 2/28/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
LHA/LHD CLASS	(I-58962-001)SIDEPORT DOORS REQUIRE AND OPERATIONAL CHECK	OPERATIONALLY CHECK THE SIDEPORT DOORS (SHELL AND INBOARD) IN ACCORDANCE WITH THE EQUIPMENT TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-58962-002- -SIDEPORT DOORS - RPR			MJC: EXECQAU8		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,375	ManDays: 75	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58962-002)THE SIDEPORT DOORS REQUIRE REPAIR.	ACCOMPLISH REPAIRS TO THE SIDE PORT DOORS (SHELL AND INBOARD) AND CLOSURE SYSTEM PER CONDITON ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ACCOMPLISH AN OPERATIONAL TEST: REPLACE DAMAGED/DEFECTIVE HYDRAULIC HOSES. REPLACE DAMAGED/DETERIORATED CLOSURE SYSTEM SEALS. REPLACE DEFECTIVE HINGE ARM COMPONENTS. REPLACE DAMAGED KNIFE EDGE SECTIONS. REPAIR DOG LINKAGE ASSEMBLIES. REPLACE DOGS BEYOND ACCEPTABLE LIMITS. REPAIR DOGGING HYDRAULIC ACTUATING CYLINDERS. REPAIR SHELL DOOR ROTARY ACTUATOR. REPAIR INBOARD DOOR HYDRAULIC CYLINDER. BLAST AND PAINT SIDEPORT SHELL DOOR. REPLACE DAMAGED LIMIT SWITCHES.

Task/Abbreviation: Q-58962-003- -SIDEPORT DOORS HYD HOSES- REPL				MJC: EXECJ718		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 86		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58962-003)THE HYDRAULIC HOSES OF THE SIDEPORT DOORS REQUIRE REPLACEMENT.	ACCOMPLISH REPAIRS TO THE SIDE PORT DOORS (SHELL AND INBOARD) AND CLOSURE SYSTEM PER CONDITON ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ACCOMPLISH AN OPERATIONAL TEST: REPLACE DAMAGED/DEFECTIVE HYDRAULIC HOSES.

Task/Abbreviation: Q-58962-004- -SIDEPORT DOORS SEALS - RPR				MJC: EXECJ751		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 816		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58962-004)THE CLOSURE SYSTEM SEALS OF THE SIDEPORT DOORS REQUIRE REPAIR.	ACCOMPLISH REPAIRS TO THE SIDE PORT DOORS (SHELL AND INBOARD) AND CLOSURE SYSTEM PER CONDITON ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ACCOMPLISH AN OPERATIONAL TEST: REPLACE DAMAGED/DETERIORATED CLOSURE SYSTEM SEALS.

Task/Abbreviation: Q-58962-005- -SIDEPORT DOORS HINGE ARM - RPR			MJC: EXECJ756		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 874	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58962-005)THE HINGE ARM COMPONENTS OF THE SIDEPORT DOORS REQUIRE REPAIR.	ACCOMPLISH REPAIRS TO THE SIDE PORT DOORS (SHELL AND INBOARD) AND CLOSURE SYSTEM PER CONDITON ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ACCOMPLISH AN OPERATIONAL TEST: REPLACE DEFECTIVE HINGE ARM COMPONENTS.

Task/Abbreviation: Q-58962-006- -SIDEPORT DOOR KNIFE EDGE - RPR			MJC: EXECJ761		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 116	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58962-006)THE KNIFE EDGE SECTIONS OF THE SIDEPORT DOORS REQUIRE REPAIR.	ACCOMPLISH REPAIRS TO THE SIDE PORT DOORS (SHELL AND INBOARD) AND CLOSURE SYSTEM PER CONDITON ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ACCOMPLISH AN OPERATIONAL TEST: REPLACE DAMAGED KNIFE EDGE SECTIONS.

Task/Abbreviation: Q-58962-007- -SIDEPORT DOOR DOG LINK - RPR			MJC: EXECJ766		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 259	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58962-007)THE DOG LINKAGE ASSEMBLIES OF THE SIDEPORT DOORS REQUIRE REPAIR.	ACCOMPLISH REPAIRS TO THE SIDE PORT DOORS (SHELL AND INBOARD) AND CLOSURE SYSTEM PER CONDITON ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ACCOMPLISH AN OPERATIONAL TEST: REPAIR DOG LINKAGE ASSEMBLIES.

Task/Abbreviation: Q-58962-008- -SIDEPORT DOOR DOGS - REPL			MJC: EXECJ771		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58962-008)THE DOGS OF THE SIDEPORT DOORS REQUIRE REPLACEMENT.	ACCOMPLISH REPAIRS TO THE SIDE PORT DOORS (SHELL AND INBOARD) AND CLOSURE SYSTEM PER CONDITON ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ACCOMPLISH AN OPERATIONAL TEST: REPLACE DOGS BEYOND ACCEPTABLE LIMITS.

Task/Abbreviation: Q-58962-009- -SIDEPORT DOOR HYD CYL - RPR			MJC: EXECJ776		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 575	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58962-009)THE DOGGING HYDRAULIC ACTUATING CYLINDERS OF THE SIDEPORT DOORS REQUIRE REPAIR.	ACCOMPLISH REPAIRS TO THE SIDE PORT DOORS (SHELL AND INBOARD) AND CLOSURE SYSTEM PER CONDITON ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ACCOMPLISH AN OPERATIONAL TEST: REPAIR DOGGING HYDRAULIC ACTUATING CYLINDERS.

Task/Abbreviation: Q-58962-010- -SIDEPORT DOOR RTRY ACTR - RPR			MJC: EXECJ781		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 845	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58962-010)THE SHELL DOOR ROTARY ACTUATOR OF THE SIDEPORT DOORS REQUIRE REPAIRS.	ACCOMPLISH REPAIRS TO THE SIDE PORT DOORS (SHELL AND INBOARD) AND CLOSURE SYSTEM PER CONDITON ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ACCOMPLISH AN OPERATIONAL TEST: REPAIR SHELL DOOR ROTARY ACTUATOR.

Task/Abbreviation: Q-58962-011- -SIDEPORT DOOR INBOARD CYL- RPR		MJC: EXECJA58	Rev Date:		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,125	ManDays: 5	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58962-011)THE INBOARD DOOR HYDRAULIC CYLINDER OF THE SIDEPORT DOORS REQUIRE REPAIRS.	ACCOMPLISH REPAIRS TO THE SIDE PORT DOORS (SHELL AND INBOARD) AND CLOSURE SYSTEM PER CONDITON ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ACCOMPLISH AN OPERATIONAL TEST: REPAIR INBOARD DOOR HYDRAULIC CYLINDER.

Task/Abbreviation: Q-58962-012- -SIDEPORT DOOR - PAINT				MJC: EXECJA63		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 75		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58962-012)THE SIDEPORT SHELL DOOR OF THE SIDEPORT DOORS REQUIRE BLASTING AND PAINTING.	ACCOMPLISH REPAIRS TO THE SIDE PORT DOORS (SHELL AND INBOARD) AND CLOSURE SYSTEM PER CONDITON ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ACCOMPLISH AN OPERATIONAL TEST: BLAST AND PAINT SIDEPORT SHELL DOOR.

Task/Abbreviation: Q-58962-013- -SIDEPORT DOOR LIMIT SW - REPL			MJC: EXECJA68		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,375	ManDays: 75	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58962-013)THE DAMAGED LIMIT SWITCHES OF THE SIDEPORT DOORS REQUIRE REPLACEMENT.	ACCOMPLISH REPAIRS TO THE SIDE PORT DOORS (SHELL AND INBOARD) AND CLOSURE SYSTEM PER CONDITON ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ACCOMPLISH AN OPERATIONAL TEST: REPLACE DAMAGED LIMIT SWITCHES.

Task/Abbreviation: Q-58962-014- -SIDEPORT DOOR GRM HYD ACT CONT			MJC: EXECJA85		Rev Date: 10/6/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,375	ManDays: 75	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58962-014)THE HYDRAULIC ACTUATOR CONTROL SYSTEM OF THE SIDEPORT DOORS REQUIRE GROOMING.	ACCOMPLISH REPAIRS TO THE SIDE PORT DOORS (SHELL AND INBOARD) AND CLOSURE SYSTEM PER CONDITON ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ACCOMPLISH AN OPERATIONAL TEST: PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL FOR GROOMING OF HYDRAULIC ACTUATOR CONTROL SYSTEM.

Task/Abbreviation: Q-58962-015- -SIDEPORT DOOR CRIT HOSE - REPL			MJC: EXECQCS2		Rev Date: 12/16/2009
RCM Analysis:		Scheduled: Y	Sit Reqs:	Qty: 0	Removal Required:
Lvl of Maint: 2	Freq: 240	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:		MCC: 2	
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58962-015) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE SIDEPORT DOOR CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.	REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE SIDEPORT DOOR CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A. REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B. FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C. REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D. ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E. INSTALL A NEW IDENTIFICATION TAG. F. INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G. ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: Q-59311-010- -CHT PP - ACID CLN			MJC: EXECQ788		Rev Date: 11/16/2006	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: X	Removal Required: NO
Lvl of Maint: 1	Freq: 0	Equip/Task: X	Matl Cost: 1,800	ManDays: 40	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		
FLEET REQUIREMENTS NSTM 593-4.4.2.2 - 593-4.4.5 GC:500000,MA:0615						

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-010)VCHT PIPING SYSTEM REQUIRES AN ACID CLEANING	ACCOMPLISH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-09 FOR ACID CLEANING OF THE CHT VACUUM COLLECTION TANK PIPING SYSTEM USING PARAGRAPH 593-4.4.2.2. THROUGH 593-4.4.5 OF S9086-T8-STM-010/CH-593, POLLUTION CONTROL, FOR CRITERIA. CHEMICALLY CLEAN THE CHT TANK PIPING TO BE DESIGNATED. PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: USE SWT 593-03 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-59311-016- -SEW XFR PMP - RPR**MJC:** EXECQ384**Rev Date:****RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:****Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-59311-016)THE CLOSE COUPLED TRANSFER PUMP OF THE SEWAGE DISPOSAL SYSTEM REQUIRES REPAIR.

REMOVE THE PUMP UNIT (CLOSE-COUPLED) TO THE SHOP. OPEN THE PUMP SUCTION CASING. CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. A. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. B. ACCOMPLISH NDT OF PUMP CASING. C. REPLACE SHAFT SLEEVE. D. REPLACE IMPELLER (OEM OR COMPOSITE). E. MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. F. MACHINE AND FIT WEARING RINGS (IF REQUIRED). G. REPAIR CASING USING WELD/AUTHORITY COATING SYSTEM. H. MACHINE CASING IN WAY OF STUFFING BOX/MECHANICAL SEAL ASSEMBLY. I. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. J. DYNAMICALLY BALANCE ROTATING ASSEMBLY. K. CONDUCT A VIBRATION TEST. L. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-RPR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-59311-034- -CHT PP - CLN/HYDROBLAST				MJC: QXECQ005		Rev Date: 11/27/2001					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: X		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: X		Matl Cost: 1,800		ManDays: 40		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-034)THE CHT TANK PIPING SYSTEM REQUIRES CLEANING.	ACCOMPLISH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-09 OF 2.A FOR HYDROBLAST, CLEANING AND FLUSHING OF THE CHT COLLECTION TANK PIPING SYSTEM WITH HIGH PRESSURE WATER JET EQUIPMENT. USING NSTM S9086-T8-STM-010/CH-593 PARA 593-4.4.2.1 THROUGH 593-4.4.2.1.3, HYDROBLAST CLEANING, FOR CRITERIA. NOTE: USE SWT 593-01 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: A-59311-058- -AER LHD1-04099 - ACCOMP			MJC: EXTYA596		Rev Date: 5/7/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 23,862	ManDays: 209	Alt No: TYLHD 04099
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-59311-58) AER LHD1-04099, REPL CHT PUMPS W/ EDDY PUMPS, NOT ACCOMPLISHED	ACCOMPLISH AER LHD1-04099 WHICH REMOVES UNRELIABLE CHT PUMPS THAT REQUIRE DISASSEMBLY APPROXIMATELY EVERY THREE MONTHS FOR CLEANING AND REPAIR OF LEAKING MECHANICAL SEALS AND REPLACES THEM WITH EDDY PUMP MODEL CC-3000 WHICH HAVE BEEN USED SUCCESSFULLY ON AIRCRAFT CARRIERS. IN ADDITION, THE COMMUNUTORS ARE REPLACED WITH A SPOOL PIECE.

Task/Abbreviation: O-59311-063- -MACHALT 469 - ACCOMP			MJC: EXSAO031		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 5	Alt No: MA 469
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-59311-63) MACHALT 469, CHT PMP CURRENT MONITOR/CUTOUT, NOT ACCOMPLISHED	ACCOMPLISH MACHALT 469 WHICH PROVIDES A MOTOR LOAD MONITOR AND CURRENT TRANSFORMER FOR PUMP MOTOR CONTROLLERS.

Task/Abbreviation: Q-59311-073- -SEW XFR PMP MOT-RWND				MJC: EXECJB04		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 960		ManDays: 23		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-073)THE ELECTRIC MOTOR OF THE SEWAGE DISPOSAL SYSTEM TRANSFER PUMP REQUIRES REWINDING.	REWIND THE ELECTRIC MOTOR OF THE SEWAGE DISPOSAL SYSTEM TRANSFER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59311-074- -SEW XFR PMP MOT - RPR			MJC: EXECJB05		Rev Date: 3/26/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 300	ManDays: 14	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-074)THE ELECTRIC MOTOR OF THE SEWAGE DISPOSAL SYSTEM TRANSFER PUMP REQUIRES RECONDITIONING.	RECONDITION THE ELECTRIC MOTOR OF THE SEWAGE DISPOSAL SYSTEM TRANSFER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-59311-075- -SEW XFR PMP MOT BRG-REPL			MJC: EXECJB06		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 150	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-075)THE ELECTRIC MOTOR BEARINGS OF THE SEWAGE DISPOSAL SYSTEM TRANSFER PUMP REQUIRES REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE SEWAGE DISPOSAL SYSTEM TRANSFER PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59311-076- -SEW MACERATOR MOT-RWND				MJC: EXECJB07		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 216		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-59311-076)THE ELECTRIC MOTOR OF THE MACERATOR REQUIRES REWINDING.				REWIND THE ELECTRIC MOTOR OF THE MACERATOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-59311-077- -SEW MACERATOR MOT-RPR				MJC: EXECJB08		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 120		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-077)THE ELECTRIC MOTOR OF THE MACERATOR REQUIRES RECONDITIONING.	RECONDITION THE ELECTRIC MOTOR OF THE MACERATOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-59311-078- -SEW MACERATOR MOT BRG-REPL		MJC: EXECJB09		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 60	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-078)THE ELECTRIC MOTOR BEARINGS OF THE MACERATOR REQUIRE REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE MACERATOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59311-088- -SEW COMMUNOTOR MOT-RWND		MJC: EXECJB19	Rev Date:		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 216	ManDays: 8	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-088)THE ELECTRIC MOTOR OF THE COMMUNOTOR REQUIRES REWINDING.	REWIND THE ELECTRIC MOTOR OF THE COMMUNOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59311-089- -SEW COMMUNOTOR MOT - RPR			MJC: EXECJB20		Rev Date: 4/8/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 120	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-089)THE ELECTRIC MOTOR OF THE COMMUNOTOR REQUIRES RECONDITIONING.	RECONDITION THE ELECTRIC MOTOR OF THE COMMUNOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-59311-090- -SEW COMMINUTOR MOT BRG-REPL		MJC: EXECJB21		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 60	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-090)THE ELECTRIC MOTOR BEARINGS OF THE COMMINUTOR REQUIRE REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE COMMINUTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59311-097- -SEW COMMINUTER - REPL			MJC: EXECJE54		Rev Date: 5/31/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 30	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-097)THE COMMINUTER OF THE SEWAGE DISPOSAL SYSTEM REQUIRES REPLACEMENT.	DISCONNECT AND REMOVE THE COMMINUTER OF THE SEWAGE DISPOASAL SYSTEM. ACCOMPLISH SANITARY AND HYGIENIC REQUIREMENTS. INSTALL NEW COMMINUTER AND CONNECT USING NEW BELT, FASTENERS AND FLANGE GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59311-098- -SEW COMMINUTER - RMV/SHIP/INST			MJC: EXECJE55		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 923	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-098)THE COMMINUTER OF THE SEWAGE DISPOSAL SYSTEM REQUIRES REPAIR.	DISCONNECT AND REMOVE THE COMMINUTER OF THE SEWAGE DISPOSAL SYSTEM. ACCOMPLISH SANITARY AND HYGIENIC REQUIREMENTS. PACK, CRATE, AND SHIP TO THE REPAIR FACILITY FOR RECONDITIONING. RECEIVE, INSPECT, INSTALL, AND CONNECT USING NEW BELT, FASTENERS AND FLANGE GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59311-099- -SEW COMMINUTER SEALS - REPL		MJC: EXECJE56		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 365	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-099)THE SEALS OF THE COMMINUTER OF THE SEWAGE DISPOSAL SYSTEM REQUIRE REPLACEMENT.	DISCONNECT AND REMOVE THE COMMINUTER OF THE SEWAGE DISPOSAL SYSTEM. OPEN THE CASING. ACCOMPLISH SANITARY AND HYGIENIC REQUIREMENTS. REPLACE SEALS AND O-RINGS. ASSEMBLE. INSTALL AND CONNECT USING NEW FASTENERS AND FLANGE GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59311-100- -SEW COMMINUTER BEARINGS - REPL		MJC: EXECJE57		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 125	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-100)THE COMMINUTER BEARINGS OF THE SEWAGE DISPOSAL SYSTEM REQUIRE REPLACEMENT.	DISCONNECT AND REMOVE THE COMMINUTER OF THE SEWAGE DISPOASAL SYSTEM. OPEN THE CASING. ACCOMPLISH SANITARY AND HYGIENIC REQUIREMENTS. REPLACE BEARINGS, SEALS, AND O-RINGS. ASSEMBLE. INSTALL AND CONNECT USING NEW FASTENERS AND FLANGE GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59311-101- -SEW COMMINUTER CUTTERS - REPL		MJC: EXECJE58		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 6,123	ManDays: 12	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-101)THE COMMINUTER CUTTERS OF THE SEWAGE DISPOSAL SYSTEM REQUIRE REPLACEMENT.	DISCONNECT AND REMOVE THE COMMINUTER OF THE SEWAGE DISPOASAL SYSTEM. OPEN THE CASING. ACCOMPLISH SANITARY AND HYGIENIC REQUIREMENTS. REPLACE CUTTERS, BEARINGS, SEALS, AND O-RINGS. ASSEMBLE. INSTALL AND CONNECT USING NEW FASTENERS AND FLANGE GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59311-102- -SEW COMMINUTER SHAFTS - REPL		MJC: EXECJE59		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 879	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-102)THE COMMINUTER SHAFTS OF THE SEWAGE DISPOSAL SYSTEM REQUIRE REPLACEMENT.	DISCONNECT AND REMOVE THE COMMINUTER OF THE SEWAGE DISPOASAL SYSTEM. OPEN THE CASING. ACCOMPLISH SANITARY AND HYGIENIC REQUIREMENTS. REPLACE SHAFTS, BEARINGS, SEALS, AND O-RINGS. ASSEMBLE. INSTALL AND CONNECT USING NEW FASTENERS AND FLANGE GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation:		Q-59311-103- -SEW COMMINUTER END PL - REPL		MJC: EXECJE60		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 912		ManDays: 3		Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2							

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-103)THE COMMINUTER END PLATES OF THE SEWAGE DISPOSAL SYSTEM REQUIRE REPLACEMENT.	DISCONNECT AND REMOVE THE COMMINUTER OF THE SEWAGE DISPOASAL SYSTEM. OPEN THE CASING. ACCOMPLISH SANITARY AND HYGIENIC REQUIREMENTS. REPLACE END PLATES, BEARINGS, SEALS, AND O-RINGS. ASSEMBLE. INSTALL AND CONNECT USING NEW FASTENERS AND FLANGE GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59311-113- -SEW XFR PMP MECH SEAL - REPL		MJC: EXECJCU6		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty:	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10,132	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-113)THE TRANSFER PUMP (CLOSE COUPLED) MECHANICAL SEAL REQUIRES REPLACEMENT.	REPLACE THE PUMP (CLOSE COUPLED) MECHANICAL SEAL. ASSEMBLE UNIT USING NEW GASKETS AND SEALS. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59311-114- -SEW XFR PMP WEAR RINGS - REPL			MJC: EXECJCU7		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty:	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,223	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-114)THE CENTRIFUGAL TRANSFER PUMP (CLOSE COUPLED) WEARING RINGS, SEAL REQUIRE REPLACEMENT.	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. A. MACHINE AND FIT WEARING RINGS (IF REQUIRED). B. POLISH SURFACES IN WAY OF SLEEVES, SEALS AND BUSHINGS. C. CONDUCT A VIBRATION TEST. D. CONDUCT FLOW TEST. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST- REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PMP ALIGNMENT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-59311-115- -SEW XFR PMP RT ASSY - RPR			MJC: EXECJCU8		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty:	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 567	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-115)THE CENTRIFUGAL TRANSFER PUMP (CLOSE COUPLED) ROTATING ASSEMBLY REQUIRES REPAIR.	REMOVE THE PUMP (CLOSE-COUPLED) SUCTION CASING. REMOVE ROTATING ASSEMBLY. REMOVE, CLEAN AND INSPECT ALL COMPONENTS. RECORD CLEARANCES AND RUNOUTS. REPAIR PER CONDITION ASSESSMENT RECOMMENDATIONS. STRAIGHTEN MOTOR SHAFT TO REQUIRED TIR. REPLACE SHAFT SLEEVE. REPLACE IMPELLER (OEM OR COMPOSITE) OR MACHINE IMPELLER TO REQUIRED DIMENSIONS AND FIT KEY. DYNAMICALLY BALANCE ROTATING ASSEMBLY. REASSEMBLE UNIT USING NEW GASKETS, BUSHINGS, BEARINGS, AND SEALS OR PACKING. RECORD POST-REPAIR CLEARANCES AND RUNOUTS. ENSURE DRIVER TO PUMP ALIGNMENT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT 503-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: I-59311-127- -CHT SYS PIPING- MRC G1H3			MJC: EXECIAJ2		Rev Date: 6/29/2011					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: TBD	Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 3	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59311-127)THE SEWAGE AND WASTE WATER POLLUTION CONTROL SYSTEM PIPING REQUIRES ASSESSMENT.	ACCOMPLISH THE SEWAGE AND WASTE WATER POLLUTION CONTROL SYSTEM PIPING ASSESSMENT IN ACCORDANCE WITH MRC G1H3 AS FOLLOWS: 1. CONDUCT ASSESSMENT PROCEDURE FOR ULTRASONIC TESTING OF PIPING SYSTEMS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-59311-131- -POLL CONT SYS AIRFLOW-MRC G1D8			MJC: EXECIAJ6		Rev Date: 8/1/2005
RCM Analysis: 7/12/2004		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59311-131)THE POLLUTION CONTROL SYSTEM COMPARTMENT AIRFLOW ALARM REQUIRES ASSESSMENT.	ACCOMPLISH THE POLLUTION CONTROL SYSTEM COMPARTMENT AIRFLOW ALARM TEST IN ACCORDANCE WITH MRC G1D8 AS FOLLOWS: 1. PERFORM VCHT/CHT PUMP ROOM/COMPARTMENT AIRFLOW ALARM TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-59311-132- -CHT PMP, COMM, VLVS- MRC G1D6			MJC: EXECIAJ7		Rev Date: 1/4/2006
RCM Analysis: 7/12/2004	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59311-132)THE CHT SYSTEM SEWAGE PUMP, COMMUNOTOR, AND VALVES REQUIRE ASSESSMENT.	ACCOMPLISH THE CHT SYSTEM SEWAGE PUMP, COMMUNOTOR, AND VALVES ASSESSMENT IN ACCORDANCE WITH MRC G1D6 AS FOLLOWS: 1. TEST OPERATE SYSTEM VALVES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: D-59311-143- -SHIPALT LHD1-03170D - ACCOMP			MJC: EXSAD459		Rev Date: 2/24/2005	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 75,000	ManDays: 1073	Alt No: SALHD 03170 D	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-59311-143) SHIPALT LHD1-03170D, REPL CHT ASPIRATION SYS, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-03170D, REPL CHT ASPIRATION SYS, WHICH REPLACES EXISTING CHT ASPIRATION SYSTEM WITH NEW AERATION SYSTEM SUPPLIED FROM THE SHIPS SERVICE LP AIR SYSTEM. DUE TO THE INSTALLATION OF EDDY TYPE CHT PUMPS, EXISTING ASPIRATION PUMPS AND COMMINUTORS ARE NO LONGER REQUIRED. REMOVE EXISTING CHT ASPIRATOR PUMPS, WITH ASSOCIATED FOUNDATIONS, PIPING AND ELECTRICAL CONTROLLERS AND REMOVE EXISTING COMMINUTORS WITH ASSOCIATED ELECTRICAL CONTROLLERS. INSTALL A NEW CHT TANK AERATION SYSTEM SUPPLIED BY THE SHIPS SERVICE LP AIR SYSTEM.

Task/Abbreviation: I-59311-144- -CHT EQPT VIB TST - MRC G1P1			MJC: EXECIGJ4		Rev Date: 2/29/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59311-144)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-59311-167- -MACHALT 73695 - ACCOMP			MJC: EXSAO248		Rev Date: 6/6/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: 73695
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-59311-167) MACHALT 73695, CHT RING GAGE ISOLATOR ASSY, NOT ACCOMPLISHED	ACCOMPLISH MACHALT 73695 WHICH REMOVES THE EXISTING DIAPHRAGM SEAL-TYPE GAUGES ON THE CHT OR GRAY WATER SYSTEM, AND INSTALL THE NEW RING-TYPE GAUGE ISOLATOR. THE EXISTING DIAPHRAM SEAL-TYPE GAUGES ARE A HIGH MAINTENANCE ITEM DUE TO CLOGGING, AND THEY LACK LOGISTIC SUPPORT. THE NEW GAUGES ELIMINATE THE POSSIBILITY CHT BACKING UP / OVERFLOWING. THIS MACHALT REPLACES MACHALT 470. POC: GARY WRIGHT, 215-897-8464, GARY.WRIGHT@NAVY.MIL

Task/Abbreviation: Q-59311-A01- -CHT PIPING RPR/RPL			MJC: EXECIKI2		Rev Date: 6/29/2011					
RCM Analysis: 7/12/2004		Scheduled: N		Sit Reqs:		Qty: TBD	Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 3	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-A01) CHT SYSTEM PIPING REQUIRES REPLACEMENT PER CONDITION ASSESSMENT.	BASED ON CONDITION ASSESSMENT, REMOVE DESIGNATED SECTIONS(S) OF DEFECTIVE /DETERIORATED CHT SYSTEM PIPING, REPLACE AND TEST PIPING IAW NSTM CHAPTER 505.

Task/Abbreviation: I-59321-001- -OW SEP - INSP			MJC: EXECI417		Rev Date: 5/7/2003
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required: YES	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59321-001)OILY WASTE SEPARATOR AND ASSOCIATED EQUIPMENT REQUIRES INSPECTION	INSPECT AND OPERATIONALLY-TEST THE OILY WASTE SEPARATOR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. INCLUDE: A. THE SEPARATOR PUMP AND MOTOR. B. SEPARATOR TANKS. C. ALARMS, SENSORS, CONTROLS, AND TIMING DEVICES. D. VALVES AND VALVE REMOTE OPERATING GEAR. NOTE: NOT ALL COMPONENTS APPLY TO ALL CLASSES. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-59321-005- -OW SEP - RPR			MJC: EXECQBM0		Rev Date: 12/17/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required: YES	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59321-005)THE OILY WASTE SEPARATOR REQUIRES REPAIR.	REPAIR OILY WASTE SEPARATOR BASED ON CONDITION BASED ASSESSMENT. INCLUDING: A. THE SEPARATOR PUMP AND MOTOR. B.SEPARATOR TANKS. C. ALARMS, SENSORS, CONTROLS, AND TIMING DEVICES. D. VALVES AND VALVE REMOTE OPERATING GEAR. NOTE: NOT ALL COMPONENTS APPLY TO ALL CLASSES.

Task/Abbreviation: Q-59321-044- -OW XFR PMP MOT-RWND			MJC: EXECJB49		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 456	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59321-044)THE ELECTRIC MOTOR OF THE OILY WASTE SYSTEM TRANSFER PUMP REQUIRES REWINDING.	REWIND THE ELECTRIC MOTOR OF THE OILY WASTE SYSTEM TRANSFER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59321-045- -OW XFR PMP MOT-RPR			MJC: EXECJB50		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 180	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59321-045)THE ELECTRIC MOTOR OF THE OILY WASTE SYSTEM TRANSFER PUMP REQUIRES RECONDITIONING.	RECONDITION THE ELECTRIC MOTOR OF THE OILY WASTE SYSTEM TRANSFER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-17. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. NOTE: USE SWT (300-50) FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: Q-59321-046- -OW XFR PMP MOT BRG-REPL			MJC: EXECJB51		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 90	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59321-046)THE ELECTRIC MOTOR BEARINGS OF THE OILY WASTE SYSTEM TRANSFER PUMP REQUIRE REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE OILY WASTE SYSTEM TRANSFER PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59321-050- -OW SEP TK - CLN/RPR			MJC: EXECJE64		Rev Date: 5/19/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 542	ManDays: 34	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59321-050)THE TANK OF THE OILY WASTE SEPARATOR SYSTEM REQUIRES CLEANING AND REPAIR.	DISCONNECT, OPEN, AND INSPECT THE TANK OF THE OILY WASTE SEPARATOR SYSTEM. DISASSEMBLE TANK. CLEAN TANK. REPAIR/REPLACE SENSORS. REPLACE ZINCS. ASSEMBLE TANK USING NEW GASKETS. CONNECT USING NEW GASKETS AND FLANGE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59321-051- -OW SEP MAIN CONT PNL - RPR				MJC: EXECJE65		Rev Date: 5/19/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59321-051)THE MAIN CONTROL PANEL OF THE OILY WASTE SEPARATOR SYSTEM REQUIRES RECONDITIOING.	DISCONNECT, REMOVE, OPEN, AND INSPECT THE MAIN CONTROL PANEL OF THE OILY WASTE SEPARATOR SYSTEM. RECONDITION THE PANEL IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-16. INSTALL AND CONNECT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59321-052- -OW SEP REMOTE ALARM PNL - RPR			MJC: EXECJE66		Rev Date: 5/19/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 450	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59321-052)THE REMOTE ALARM PANEL OF THE OILY WASTE SEPARATOR SYSTEM REQUIRES RECONDITIONING.	DISCONNECT, REMOVE, OPEN, AND INSPECT THE REMOTE ALARM PANEL OF THE OILY WASTE SEPARATOR SYSTEM. RECONDITION THE PANEL IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-16. INSTALL AND CONNECT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59321-053- -OW SEP MOTOR - REPL			MJC: EXECJE67		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59321-053)THE MOTOR OF THE OILY WASTE SEPARATOR SYSTEM REQUIRES REPLACEMENT.	DISCONNECT AND REMOVE THE MOTOR FROM THE OILY WASTE SEPARATOR SYSTEM. INSTALL NEW MOTOR AND CONNECT. REPLACE DRIVE BELT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59321-054- -OW SEP PUMP - RPR				MJC: EXECJE68		Rev Date: 5/19/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,600		ManDays: 50		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:		Problem Description:		Recommended Solution:	
BASELINE		(Q-59321-054)THE PUMP OF THE OILY WASTE SEPARATOR SYSTEM REQUIRES REPAIR.		DISCONNECT AND REMOVE THE PUMP FROM THE OILY WASTE SEPARATOR SYSTEM. OPEN AND INSPECT. DISASSEMBLE. REPLACE CONNECTING ROD, BEARINGS, AND SEALS. ASSEMBLE USING NEW PACKING. INSTALL PUMP AND CONNECT USING NEW GASKETS AND FLANGE FASTENERS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.	

Task/Abbreviation: K-59321-077- -SHIPALT LHD1-03075K - ACCOMP			MJC: EXSAK597		Rev Date: 2/24/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 125,600	ManDays: 230	Alt No: SALHD 03075 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-59321-77) SHIPALT LHD1-03075K, POLLUTION PREVENTION AFLOAT EQUIP, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LHD1-03075K WHICH INSTALLS AND PROVISIONS A SUITE OF POLLUTION PREVENTION AFLOAT EQUIPMENT WHICH WILL REDUCE SHIPBOARD GENERATION OF USED EXCESS AND HAZARDOUS MATERIALS AS WELL AS LIFE CYCLE COSTS ASSOCIATED WITH THOSE MATERIALS.

Task/Abbreviation: A-59321-078- -AER LHD1-00202 - ACCOMP			MJC: EXTYA831		Rev Date: 2/24/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: TYLHD 00202
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-59321-78) AER LHD1-00202E, RELO DRAINS IN 4-97-2-E TO OWS, NOT ACCOMPLISHED.	ACCOMPLISH AER LHD1-00202E, RELO DRAINS IN 4-97-2-E TO OWS, WHICH REROUTES UNLABELED EXTERNAL DRAIN PIPING WHICH TERMINATES IN COMPARTMENT 4-97-2-E TO THE OWS TO PREVENT FLOODING THE BILGES.

Task/Abbreviation: I-59321-083- -OW PMPS VIB TST - MRC G1P1			MJC: EXECIGJ6		Rev Date: 2/29/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59321-083)ACQUISITION OF MACHINERY VIBRATION DATA IS REQUIRED.	ACCOMPLISH MACHINERY VIBRATION DATA ACQUISITION IN ACCORDANCE WITH MRC G1P1 AS FOLLOWS: 1. MACHINERY VIBRATION DATA ACQUISITION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-59321-090- -SHIPALT LHD1 - 00376K - ACCOMP				MJC: EXSAK710		Rev Date: 1/12/2007		
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 0		Removal Required:	
Lvl of Maint: 1		Freq: 0	Equip/Task: 0	Matl Cost: 149,658	ManDays: 16264	Alt No: SALHD 00376 K		
Referenced Authority:			Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-59321-90) SHIPALT LHD1 - 00376K - ISNS LAN GIG-E, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1 - 00376K - ISNS LAN GIG-E WHICH THE GIGE LAN WILL CONSIST OF A FIBER BACKBONE AND ASSOCIATED INTERCONNECTIONS TO OTHER SYSTEMS AND DROPS. SPAWAR HAS OVERALL RESPONSIBILITY FOR PROCURING AND INSTALLING THE HOST ISNS BACKBONE LAN AND ASSOCIATED INTERCONNECTIONS TO OTHER SYSTEMS, DROPS, ASSOCIATED HARDWARE (FIBER OPTIC CABLE, SERVERS, DRIVERS, ROUTERS, AND SWITCHES) AND OPERATING SOFTWARE NECESSARY FOR INITIAL INSTALLATION. THIS MAY ALSO BE USED TO SATISFY IT21 BLOCK 1 UPGRADE CONFIGURATION REQUIREMENTS. POC: JIM KRAI, 757-558-6872, KRAIJ@SPAWAR.NAVY.MIL.

Task/Abbreviation: I-59321-102- -OIL CONTENT MONITOR - MRC A5A9		MJC: EXECIIF2	Rev Date: 4/3/2009		
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 30	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59321-102)THE ET-35N OIL CONTENT MONITOR NOZZLE SAMPLER REQUIRES CLEAN AND INSPECT.	ACCOMPLISH CLEAN AND INSPECT OF OIL CONTENT MONITOR NOZZLE SAMPLER IN ACCORDANCE WITH MRC A5A9. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-59321-103- -C-50 OW SEP OPTEST- MRC A5B7				MJC: EXECIIF3		Rev Date: 11/2/2009					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 3		Freq: 30		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59321-103)THE C-50 OIL/WATER SEPARATOR REQUIRES OPERATIONAL TEST.	ACCOMPLISH THE OIL/WATER SEPARATOR ASSESSMENT IN ACCORDANCE WITH MRC A5B7 AS FOLLOWS: 1. PERFORM C-50 OIL/WATER SEPARATOR OPERATIONAL/CONFIDENCE TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-59321-104- -C-50 OW SEP VAC LEAKS-MRC A5C3**MJC:** EXECIIF4**Rev Date:** 11/2/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 30**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-59321-104)THE C-50 OIL/WATER SEPARATOR
REQUIRES PRESSURE AND VACUUM LEAK
ASSESSMENT.ACCOMPLISH THE OIL/WATER SEPARATOR ASSESSMENT IN
ACCORDANCE WITH MRC A5C3 AS FOLLOWS: 1. INSPECT C-50
OIL/WATER SEPARATOR FOR PRESSURE AND VACUUM LEAKS.
REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE
"AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION
OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW
NAVSEAINST 4790.8B.

Task/Abbreviation: I-59321-105- -OIL CONTENT MONITOR - MRC C1NL		MJC: EXECIIF5	Rev Date: 4/3/2009		
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 24	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59321-105)THE ET-35N OIL CONTENT MONITOR REQUIRES ASSESSMENT.	ACCOMPLISH THE OIL CONTENT MONITOR ASSESSMENT IN ACCORDANCE WITH MRC C1NL AS FOLLOWS: 1. ADJUST ET-35N OCM CORE OF OSCILLATOR TRANSFORMER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-59321-106- -OIL CONTENT MONITOR - MRC C1NP		MJC: EXECIIF6	Rev Date: 4/3/2009		
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 3	Freq: 24	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59321-106)THE ET-35N OIL CONTENT MONITOR REQUIRES ASSESSMENT.	ACCOMPLISH THE OIL CONTENT MONITOR ASSESSMENT IN ACCORDANCE WITH MRC C1NP AS FOLLOWS: 1. PERFORM ET-35N OIL CONTENT MONITOR OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-59321-107- -C-50 OW SEP CAM ADJ - MRC C6HW			MJC: EXECIIF7		Rev Date: 11/2/2009
RCM Analysis:		Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 3	Freq: 30	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59321-017)THE C-50 OIL AND WATER EFFLUENT MOTOR OPERATED VALVE CAMS REQUIRE ADJUSTMENT.	ACCOMPLISH THE C-50 OW SEPARATOR OIL AND WATER EFFLUENT MOTOR OPERATED VALVE CAM ADJUSTMENTS IN ACCORDANCE WITH MRC C6HW. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-59321-109- -C-50 OW SEP PMP SUC - MRC F3WS		MJC: EXECIIF9	Rev Date: 11/2/2009		
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 30	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59321-109)THE C-50 OIL/WATER SEPARATOR PUMP REQUIRES ASSESSMENT.	ACCOMPLISH THE OIL/WATER SEPARATOR ASSESSMENT IN ACCORDANCE WITH MRC F3WS AS FOLLOWS: 1. TEST C-50 OIL/WATER SEPARATOR (OWS) PUMP SUCTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-59321-110- -BLACKMER OW XFR PMP - MRC F3WT			MJC: EXECIIG0		Rev Date: 11/6/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 30	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59321-110)THE BLACKMER OILY WASTE TRANSFER PUMP REQUIRES ASSESSMENT.	ACCOMPLISH THE OILY WASTE TRANSFER PUMP ASSESSMENT IN ACCORDANCE WITH MRC F3WT AS FOLLOWS: 1. TEST BLACKMER OILY WASTE TRANSFER (OWT) PUMP SUCTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: D-59321-111- -SHIPALT LHD1-71771D - ACCOMP**MJC:** EXSAD648**Rev Date:** 1/15/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10**ManDays:** 10**Alt No:** SALHD 71771 D**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(D-59321-111) SHIPALT LHD1-71771D, UPGRADE
C-50 OIL WATER SEPARAT, NOT ACCOMPLISHEDACCOMPLISH SHIPALT LHD1-71771D WHICH UPGRADES THE C-50
OIL WATER SEPARATOR BY ACCOMPLISHING THE REQUIREMENTS
OF MACHALT 567. IT REPLACES FASTENERS WITH MONEL
FASTENERS. REPLACE PIPING WITH MONEL PIPING. REPLACE
VALVES WITH MONEL OR BRONZE BALL VALVES. REPLACE PRIMARY
AND BACKUP LEVEL SENSORS. REPLACE PRIMARY AND BACKUP
LEVEL SENSOR RELAYS. REPLACE BONDED GASKETS WITH
VULCANIZED RUBBER GASKETS. REPLACE SOLENOID INLET VALVE
WITH MORE DURABLE SOLENOID VALVE. REPLACE OWS TANK
RELIEF VALVE. REPLACE VACUUM/PRESSURE GAUGE WITH A
BARTON VACUUM/PRESSURE GAUGE SWITCH. REMOVE AIR
ELIMINATOR. INSTALL ZINC ANODES IN THE TANK. INSTALL
ELECTRONIC FLOW SENSOR. INSTALL SECOND SEAWATER
PRESSURE REDUCING VALVE AND RELIEF VALVE. POC: JOSEPH
AMADORO, 215-897-7016, JOSEPH.AMADORO@NAVY.MIL

Task/Abbreviation: I-59321-114- -OIL POLLUTION ABATEMENT CERT**MJC:** EXECIIS9**Rev Date:** 5/7/2010**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 60**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-59321-114)OIL POLLUTION ABATEMENT
CERTIFICATION IS REQUIRED.ACCOMPLISH OIL POLLUTION ABATEMENT CERTIFICATION IAW
NAVSEAINST 9593.2 SERIES. DOCUMENT ALL DISCREPANCIES IN
THE SHIP'S CSMP. ENTER THIS JSN IN ALL REPAIR 2KILOS. ADD
CERTIFICATION CRITICAL STATEMENT TO REPAIR 2KILO BLOCK 35
FOR ALL CERTIFICATION CRITICAL FINDINGS. THIS JOB IS NOT TO
BE CLOSED UNTIL ALL CERTIFICATION REQUIREMENTS HAVE BEEN
MET. REPORT COMPLETION OF ALL
REQUIREMENTS/CERTIFICATION TO
SURFMEPP.SYSTEMSENGINEERING@NAVY.MIL AND TYCOM PER
NAVSEAINST 9593.2. PROVIDE "AS-FOUND MATERIAL CONDITION"
CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN"
FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-59321-115- -MEGATOR OW XFR PMP - MRC F3PD		MJC: EXTAAAA2	Rev Date: 11/6/2009		
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 3	Freq: 30	Equip/Task: 0	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59321-115)THE MEGATOR OILY WASTE TRANSFER PUMP REQUIRES ASSESSMENT.	ACCOMPLISH THE OILY WASTE TRANSFER PUMP ASSESSMENT IN ACCORDANCE WITH MRC F3PD AS FOLLOWS: 1. TEST MEGATOR OILY WASTE TRANSFER (OWT) PUMP SUCTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-59321-124- -OIL CONTENT MONITOR - MRC C9JQ		MJC: EXECIJ67	Rev Date: 10/20/2010		
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 24	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59321-124) THE ET-35N OIL CONTENT MONITOR REQUIRES ASSESSMENT.	ACCOMPLISH THE OIL CONTENT MONITOR ASSESSMENT IN ACCORDANCE WITH MRC C9JQ AS FOLLOWS: 1. PERFORM ET-35N OIL CONTENT MONITOR OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-59321-125- -VS50 OW SEP CAM ADJ - MRC C9XR			MJC: EXECIJ68		Rev Date: 10/12/2010
RCM Analysis:		Scheduled: Y	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 24	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59321-125)THE VS-50 OIL AND WATER EFFLUENT MOTOR OPERATED VALVE CAMS REQUIRE ADJUSTMENT.	ACCOMPLISH THE VS-50 OW SEPARATOR OIL AND WATER EFFLUENT MOTOR OPERATED VALVE CAM ADJUSTMENTS IN ACCORDANCE WITH MRC C9XR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-59331-001- -COMPRESS MELT UNIT - INSP**MJC:** EXECICL3**Rev Date:** 3/25/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:** NO**Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-59331-001)THE COMPRESS MELT UNIT REQUIRES
INSPECTION AND OPERATIONAL TESTINSPECT AND OPERATIONALLY-TEST THE COMPRESS MELT UNIT.
ACCOMPLISH AN ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY.
REPORT CONDITIONS FOUND TO SHIP'S CSMP. INCLUDE: A.
INSPECT THE COMPRESS MELT UNIT (CMU) AND THE CMU REAR
ELECTRICAL ENCLOSURE (CMUREE). INSPECT THE COOLING
WATER SUPPLY AND RETURN HOSES FROM THE CLOSED LOOP
COOLING UNIT (CLCU) TO THE CMU FOR DAMAGED HOSE AND
FITTINGS. IF INSTALLED, INSPECT MAIN SWITCH (S1) FOR DAMAGE.
NOTE: FOR A DETAILED INSPECTION PROCEDURE FOR THE CMU
SEE MRC C6PT-N. PROVIDE "AS-FOUND MATERIAL CONDITION"
CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN"
FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-59331-002- -COMPRESS MELT UNIT - RPR**MJC:** EXECQAG8**Rev Date:** 4/9/1999**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:** NO**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 6,500**ManDays:** 100**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-59331-002)THE COMPRESS MELT UNIT
REQUIRES REPAIR.

REPAIR BASED ON CONDITION ASSESSMENT THE COMP MELT UNIT (CMU) AND THE CMU REAR ELECT ENCL (CMUREE). IF THE CMU IS RMV, THE CMU REAR ELECT ENCL SHOULD REMAIN ON THE SHIP AND BE REPAIRED IN PLACE. WARNING: WHEN NOT INSTALLED ON FDN, THE CMU MUST REST ON BLKS AT LEAST 4 INS HIGH. DO NOT RIG SLINGS UNDERNEATH. SECURE SHIPS SVCE AIR, EXH VENT, AND PWR. INSP THE CLG WTR SUPPLY AND RETURN HOSES FROM THE CLOSED LOOP CLG UNIT (CLCU) TO THE CMU FOR DAMAGED HOSE AND FTGS. IF INSTALLED, INSP MN SW (S1) FOR DAMAGE. RPT CONDITIONS FOUND TO THE NSA. REPL CMU AND CMUREE FROM SUPPLY. DISCONNECT AND RMV THE CMU AND CMUREE. PACKAGE AND RETURN THE CMU AND THE CMUREE TO THE DEPOT OVHL POINT (DOP). IF NECESSARY, THE ACCOMPLISHING ACTIVITY IS TO FABRICATE CLG WTR HOSES, AND RPR OR RPL MN SW (S1). CLN AND PSV THE CMU FDN. VERIFY THAT THE INSTALLED FDN FOR THE CMUREE WILL ACCOMMODATE THE CMUREE PROVIDED BY SUPPLY. CLN AND PSV THE CMUREE FDN. VERIFY DISTRIBUTIVE SYS INTERFACE REQTS IAW APPLICABLE NAVSEA TM. REINSTALL AND TEST THE CMU AND CMUREE. NOTE: RPR/RPL CMU AND CMUREE IAW TRS S9593-CT-TRS-010.

Task/Abbreviation: A-59331-010- -AER LHD1-00100 - ACCOMP			MJC: EXTYA601		Rev Date: 3/7/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: TYLHD 00100
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-59331-10) AER LHD1-00100, ALUMINUM CAN DENSIFIER, NOT ACCOMPLISHED	ACCOMPLISH AER LHD1-00100 WHICH ALLOWS RECYCLING OF ALUMINUM SODA CANS BY INSTALLING AN ALUMINUM CAN DENSIFIER IN COMPARTMENT 1-71-1-Q THAT WILL CRUSH UP TO 900 CANS AT A TIME INTO BLOCKS THAT CAN BE STORED IN ODOR BARRIER BAGS UNTIL REACHING A PORT.

Task/Abbreviation: Q-59331-014- -PULPER - RPR			MJC: EXECJA90		Rev Date: 10/21/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 2,875	ManDays: 68	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59331-014) THE PULPER REQUIRES REPAIR.	REPAIR BASED ON CONDITION ASSESSMENT THE PULPER. SECURE SHIPS SERVICE AIR, AND POWER. INSPECT THE SW WTR SUPPLY AND RETURN HOSES FOR DAMAGED HOSE AND FTGS. INSPECT THE CONTROL ENCLOSURE FOR DAMAGE. REPORT CONDITIONS FOUND TO THE NSA. REPLACE PULPER FROM SUPPLY. DISCONNECT AND REMOVE THE PULPER. PACKAGE AND RETURN THE PULPER TO THE DEPOT OVHL POINT (DOP). IF NECESSARY, THE ACCOMPLISHING ACTIVITY IS TO FABRICATE SW HOSES, AND REPAIR OR REPLACE CONTROL ENCLOSURE. CLEAN AND PRESERVE THE PULPER FDN. VERIFY THAT THE INSTALLED FDN FOR THE PULPER WILL ACCOMMODATE THE PULPER PROVIDED BY SUPPLY. CLEAN AND PRESERVE THE PULPER FDN. VERIFY DISTRIBUTIVE SYSTEM INTERFACE REQUIREMENTTS IAW APPLICABLE NAVSEA TM. REINSTALL AND TEST THE PULPER. NOTE: REPAIR/REPLACE PULPER IAW APPLICABLE NAVSEA TM. REPORT ALL FINDINGS AND RESULTS TO SHIP'S CSMP.

Task/Abbreviation: Q-59331-015- -SOLID WSTE SHREDDER - RPR			MJC: EXECJA95		Rev Date: 10/21/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 6	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 2,510	ManDays: 60	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59331-015)THE SOLID WASTE SHREDDER REQUIRES REPAIR.	REPAIR BASED ON CONDITION ASSESSMENT THE SOLID WASTE SHREDDER. SECURE SHIPS POWER. INSPECT THE MN SW (S1) FOR DAMAGE. REPORT CONDITIONS FOUND TO THE NSA. REPLACE SOLID WASTE SHREDDER FROM SUPPLY. DISCONNECT AND REMOVE THE SOLID WASTE SHREDDER. PACKAGE AND RETURN THE SOLID WASTE SHREDDER TO THE DEPOT OVHL POINT (DOP). IF NECESSARY, THE ACCOMPLISHING ACTIVITY IS TO REPAIR OR REPLACE THE MN SW (S1). CLEAN AND PRESERVE THE SOLID WASTE SHREDDER FDN. VERIFY THAT THE INSTALLED FDN FOR THE SOLID WASTE SHREDDER WILL ACCOMMODATE THE SOLID WASTE SHREDDER PROVIDED BY SUPPLY. CLEAN AND PRESERVE THE PULPER FDN. VERIFY DISTRIBUTIVE SYSTEM INTERFACE REQUIREMENTS IAW APPLICABLE NAVSEA TM. REINSTALL AND TEST THE SOLID WASTE SHREDDER NOTE: REPAIR/REPLACE SOLID WASTE SHREDDER IAW APPLICABLE NAVSEA TM.

Task/Abbreviation: I-59331-016- -COMPRESS MELT UNIT - MRC C6PT				MJC: EXECIAL8		Rev Date: 3/27/2008					
RCM Analysis: 9/6/2005		Scheduled: Y		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 18		Equip/Task: 1		Matl Cost:		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59331-016)THE PLASTIC WASTE PROCESSOR REQUIRES ASSESSMENT.	ACCOMPLISH THE PLASTIC WASTE PROCESSOR ASSESSMENT IN ACCORDANCE WITH MRC C6PT AS FOLLOWS: 1. INSPECT COMPRESS MELT UNIT (CMU) FOR OVERHAUL. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-59331-035- -MACHALT 600 - ACCOMP				MJC: DXSAO003		Rev Date: 5/21/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 25		Alt No: MA 600	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-59331-35) MACHALT 600, PLASTIC WASTE PROCESSOR BACKFIT, NOT ACCOMPLISHED	ACCOMPLISH MACHALT 600 WHICH REPLACES THE PLASTIC WASTE PROCESSOR WITH ONE THAT DOUBLES THE PROCESSING RATE, REDUCES MANNING, CLEANING, AND PMS.

Task/Abbreviation: I-59331-036- -PLASTIC WASTE SHREDDER - INSP			MJC: EXECIHE5		Rev Date: 6/12/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-59331-036)THE PLASTIC WASTE SHREDDER REQUIRES INSPECTION AND OPERATIONAL TEST	INSPECT AND OPERATIONALLY-TEST THE PLASTIC WASTE SHREDDER. ACCOMPLISH AN ELECTRICAL SIGNATURE ANALYSIS (ESA) SURVEY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. INCLUDE: A. INSPECT THE PLASTIC WASTE SHREDDER. B. INSPECT MAIN SWITCH (S1) FOR DAMAGE. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: D-61111-002- -SHIPALT LHD1-00115D - ACCOMP				MJC: DXSAD014		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required: NO			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 476,000		ManDays: 2504		Alt No: SALHD 00115 D	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-61111-2) SHIPALT LHD1-0115D, WELL DCK BULKHD SYS BTTERBRDS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-115D "SYNTHETIC BATTERBOARD INSTALLATION" WHICH REPLACES THE WOODEN BATTERBOARD IN THE WELL DECK WITH SYNTHETIC BATTERBOARD.

Task/Abbreviation: A-61211-009- -AER LHD1-01400 - ACCOMP			MJC: DXTYA006		Rev Date: 3/7/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: TYLHD 01400
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-61211-9) AER LHD1-01400, LIFELINES SIDEPORT RAMP, NOT ACCOMPLISHED	ACCOMPLISH AER LHD1-01400 WHICH INSTALLS REDESIGNED RAILINGS ON THE SHIPS SIDEPORT RAMP. INSTALLING ACTIVITY MUST MANUFACTURE AND TEST STANCHIONS, SOCKETS, AND KEVLAR LIFELINES.

Task/Abbreviation: Q-61221-002- -FLT DK SAF NETS - RPR/REPL			MJC: OXECQ015		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 675	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-61221-002)SAFETY NETS REQUIRE REPLACEMENT	REPAIR/REPLACE THE FLIGHT DECK SAFETY NETS AND FRAMES. PRESERVE FRAMES AND FERROUS MATERIAL WITH WIRE SPRAYED ALUMINUM OR OTHER APPROVED COATING. LOAD TEST REPAIRED/REPLACED ITEMS. NOTE: SUPSHIP UTILIZE SWI/SWT 612-01, SAFETY NET AND FRAME; REPAIR , FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: I-61221-A02- -CRES SAFETY NETS - MRC A5K5**MJC:** OXECI081**Rev Date:** 6/21/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 20**Removal Required:****Lvl of Maint:** 2**Freq:** 36**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-61221-A02)THE DECK EDGE CRES SAFETY NET ASSEMBLY REQUIRES ASSESSMENT.

ACCOMPLISH THE DECK EDGE CRES SAFETY NET ASSEMBLY ASSESSMENT IN ACCORDANCE WITH MRC A5K5 AS FOLLOWS: 1. LOAD TEST DECK EDGE CRES SAFETY NET ASSEMBLY. 2. LOAD TEST CRES FILLER NETS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-62312-001- -GENERAL LADDERS - INSP			MJC: OXECI016		Rev Date: 8/19/2011	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 5	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-62312-001)LADDERS REQUIRE INSPECTION AND REPAIR	INSPECT, REPAIR, REMOVE AND REINSTALL INCLINED AND VERTICAL LADDERS. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-62312-002- -CLIMBER RAILS - LD TST			MJC: OXECI017		Rev Date: 4/13/2006	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: TBD	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 10	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-62312-002)LADDER CLIMBER SAFETY ASSEMBLY REQUIRES STATIC LOAD TEST	STATIC LOAD TEST LADDER CLIMBER SAFETY ASSEMBLIES. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: A-62321-003- -AER LHD1-01395 - ACCOMP			MJC: EXTYA099		Rev Date: 3/7/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 18,000	ManDays: 110	Alt No: TYLHD 01395
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-62321-3) TYCOM AUTHORIZED ALTERATION	ACCOMPLISH AER LHD1-01395E "ACCOMMODATION LADDER PLATFORM, STANCHION AND CHAIN SAFETY IMPROVEMENT" WHICH MODIFIES EXISTING ACCOMMODATION LADDER PLATFORMS, STANCHIONS AND CHAINS IN ACCORDANCE WITH NAVSEA DWG 623-7094156.

Task/Abbreviation: Q-62321-005- -ACCOM LAD - RPR			MJC: EXECQAV5		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,000	ManDays: 80	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-62321-005)ACCOMMODATION LADDER REQUIRES REPAIR	REPAIR THE ACCOMMODATION LADDER PER CONDITION ASSESSMENT RECOMMENDATIONS. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, CONDUCT WEIGHT TEST ONLY WHEN MAJOR REPAIRS ARE ACCOMPLISHED. A. CLAD WELD __ INCHES. B. WELD __ FEET OF CRACK. C. REPLACE ____ TREADS. D. REPAIR/REPLACE HANDRAIL. E. REPAIR/REPLACE HANDRAIL SUPPORT STANCHION/BRACKET. F. REPLACE ____ SECURING PADEYES. G. REFURBISH ROLLER ASSEMBLY. NOTE: SUPSHIP UTILIZE SWI/SWT 623-01, "ACCOMMODATION LADDER; REPAIR" , FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: Q-62321-010- -ACCOM LAD (TREADS)- RPR			MJC: EXECJ098		Rev Date: 5/20/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 6,000	ManDays: 80	Alt No:
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-62321-010)ACCOMMODATION LADDER TREADS REQUIRE REPAIR	REPAIR ____ TREADS. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: Q-62321-011- -ACCOM LAD (HANDRAIL)- RPR			MJC: EXECJ099		Rev Date: 5/20/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,000	ManDays: 80	Alt No:
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-62321-011)ACCOMMODATION LADDER HANDRAIL REQUIRES REPAIR	REPAIR ____ LINEAR FEET OF HANDRAILS. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: Q-62321-012- -ACCOM LAD (HANDRAIL)- REPL			MJC: EXECJ100		Rev Date: 5/20/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,000	ManDays: 80	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-62321-012)ACCOMMODATION LADDER HANDRAIL REQUIRES REPLACEMENT	REPLACE ____ LINEAR FEET OF HANDRAILS. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: Q-62321-013- -ACCOM LAD (HANDRAIL STAN)- RPR			MJC: EXECJ101		Rev Date: 5/20/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,000	ManDays: 80	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-62321-013)ACCOMMODATION LADDER HANDRAIL SUPPORT STANCHION BRACKET REQUIRES REPAIR	REPAIR ____ HANDRAIL SUPPORT STANCHION BRACKETS. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: Q-62321-014- -ACCOM LAD (HANDRAIL STAN)-REPL			MJC: EXECJ102		Rev Date: 5/20/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,000	ManDays: 80	Alt No:
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-62321-014)ACCOMMODATION LADDER HANDRAIL SUPPORT STANCHION BRACKET REQUIRES REPLACEMENT	REPLACE ____ HANDRAIL SUPPORT STANCHION BRACKETS. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: Q-62321-015- -ACCOM LAD (PADEYES)-REPL			MJC: EXECJ103		Rev Date: 5/20/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,000	ManDays: 80	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-62321-015)ACCOMMODATION LADDER PADEYES REQUIRE REPLACEMENT	REPLACE ____ SECURING PADEYES. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: Q-62321-016- -ACCOM LAD (ROLLER ASSY)- RPR				MJC: EXECJ104		Rev Date: 5/20/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 4,000		ManDays: 80		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-62321-016)ACCOMMODATION LADDER REQUIRES REFURBISHMENT				REFURBISH ROLLER ASSEMBLY. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM.					

Task/Abbreviation: Q-62321-017- -ACCOM LAD (CLAD WELD)- RPR				MJC: EXECJ105		Rev Date: 5/20/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 4,000		ManDays: 80		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-62321-017)ACCOMMODATION LADDER REQUIRES CLAD WELDING	CLAD WELD __ INCHES. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: Q-62321-018- -ACCOM LAD (WELD CRACKS)- RPR				MJC: EXECJ106		Rev Date: 5/20/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 4,000		ManDays: 80		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-62321-018)ACCOMMODATION LADDER REQUIRES WELD REPAIR				WELD __ FEET OF CRACKS. ACCOMPLISH WEIGHT TEST UPON COMPLETION OF REPAIRS. NOTE: SUPSHIP UTILIZE SWT 623-01, "ACCOMMODATION LADDER; REPAIR", FOR GUIDANCE IN DEVELOPING THIS ITEM.					

Task/Abbreviation: I-62321-021- -ACCOM LADDER - MRC A4Z3**MJC:** OXECI059**Rev Date:** 11/2/2010**RCM Analysis:** 9/3/2007**Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 36**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-62321-021)THE ACCOMMODATION LADDER
REQUIRES ASSESSMENT.(I-62321-021) ACCOMPLISH THE ACCOMMODATION LADDER
ASSESSMENT IN ACCORDANCE WITH MRC A4Z3 AS FOLLOWS: 1.
INSPECT LOAD CARRYING ATTACHMENTS AND PERFORM NDT-VT
ON WELDS ON ACCOMMODATION LADDER COMPONENTS. REPORT
CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: R-62411-001- -BAL JOINER DR - RMV/REINSTALL			MJC: EXECQ789		Rev Date: 6/9/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,160	ManDays: 19	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-62411-001)BALANCED JOINER DOOR REQUIRES INSPECT/TEST, REMOVAL, STORAGE AND REINSTALLATION.	INSPECT AND TEST, PRIOR TO REMOVAL, THE BALANCED JOINER DOOR. REMOVE BALANCED JOINER DOOR AT THE START OF THE AVAILABILITY AND STORE. REINSTALL AND ACCOMPLISH MINOR REPAIRS AND ADJUSTMENTS AT THE END OF THE AVAILABILITY. _____ MANDAYS AND \$ _____ MATERIAL COSTS ARE AUTHORIZED FOR PLANNING PURPOSES. NOTE: UTILIZE SWI/SWT 624-01: "BALANCED JOINER DOORS; REMOVE, STORE AND INSTALL", FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: Q-62412-001- -WELL DK VENT DR CRIT HOSE			MJC: EXECQCS5		Rev Date: 12/16/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty:	Removal Required:	
Lvl of Maint: 2	Freq: 240	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-62412-001) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE WELL DECK VENT PLENUM DOOR CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.	REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE WELL DECK VENT PLENUM DOOR CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A. REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B. FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C. REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D. ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E. INSTALL A NEW IDENTIFICATION TAG. F. INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G. ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: Q-63111-001- -MCHRY SPACE BILGE - PSV			MJC: EXECQ976		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: TBD	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 15,750	ManDays: 350	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63111-001)MACHINERY SPACE BILGE REQUIRES PRESERVATION	PRESERVE THE MACHINERY SPACE BILGE PAINT SYSTEM INCLUDING FRAMES, STRINGERS, STIFFENERS AND MACHINERY FOUNDATIONS, USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. NOTE: 1. PRESERVATION TO BE BASED UPON COATING INSPECTORS RECOMMENDATIONS AND LATEST TYCOM PAINT MESSAGES. 2. SUPSHIP UTILIZE SWI/SWT 631-11, MACHINERY SPACE BILGE PRESERVE, FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: Q-63111-003- -CCAT - TECH ASSIST			MJC: EXECQEA0		Rev Date: 1/22/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 1	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63111-003) S/F REQUIRES TECHNICAL ASSISTANCE FOR PRESERVATION PROCEDURES.	REQUEST TECH ASSIST TO PROVIDE GUIDANCE TO S/F FOR CORROSION CONTROL PROCEDURES (CORROSION CONTROL ASSISTANCE TEAM (CCAT)).

Task/Abbreviation: Q-63112-001- -MN ENG RM - PSV				MJC: CXECQ103		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 0			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63112-001)MAIN ENGINE ROOM REQUIRES PRESERVATION	PRESERVE THE MAIN ENGINE ROOM SPACE PAINT SYSTEM (EXCLUDING BILGES), INCLUDING: FRAMES, STRINGERS, STIFFENERS AND MACHINERY FOUNDATIONS, INTERMEDIATE PLATFORM OVERHEAD, VENT DUCTING, PIPING,AND WIREWAY, USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. NOTE: 1. PRESERVATION, BASED UPON COATING INSPECTORS RECOMMENDATIONS AND LATEST TYCOM PAINT MESSAGES. 2. USE ONLY NAVSEA APPROVED COATING SYSTEMS. 3. USE APPROPRIATE PAINT SCHEDULES .

Task/Abbreviation: Q-63112-002- -AUX MCHRY RM - PSV			MJC: CXECQ104		Rev Date: 3/9/1999
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 0		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63112-002)AUXILIARY MACHINERY ROOM REQUIRES PRESERVATION	PRESERVE THE AUXILIARY MACHINERY ROOM SPACE PAINT SYSTEM (EXCLUDING BILGES), INCLUDING: FRAMES, STRINGERS, STIFFENERS AND MACHINERY FOUNDATIONS, INTERMEDIATE PLATFORM OVERHEAD, VENT DUCTING, PIPING,AND WIREWAY, USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. NOTE: 1. PRESERVATION, BASED UPON COATING INSPECTORS RECOMMENDATIONS AND LATEST TYCOM PAINT MESSAGES. 2. USE ONLY NAVSEA APPROVED COATING SYSTEMS. 3. USE APPROPRIATE PAINT SCHEDULES .

Task/Abbreviation: I-63113-006- -WELL DECK OVERHEAD - INSP		MJC: EXECI472	Rev Date: 4/24/2008		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 10	Alt No:
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-63113-006)WELL DECK OVERHEAD REQUIRES INSPECTION	INSPECT THE WELL DECK OVERHEAD INCLUDING FRAMES, STRINGERS, AND STIFFENERS. UTILIZE PPI NBR: 63101-004-LATEST REV. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-63113-007- -WELL DECK OVERHEAD - PSV			MJC: EXECQBG7		Rev Date: 2/5/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,000	ManDays: 100	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63113-007)WELL DECK OVERHEAD REQUIRES PRESERVATION	PRESERVE THE WELL DECK OVERHEAD INCLUDING FRAMES, STRINGERS, AND STIFFENERS USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. NOTE: 1. PRESERVATION TO BE BASED UPON COATING INSPECTIONS RECOMMENDATIONS AND LATEST TYCOM PAINT MESSAGE. 2. USE ONLY NAVSEA APPROVED COATING SYSTEMS

Task/Abbreviation: Q-63131-001- -UW BODY (DD)- PSV				MJC: OXECQ007		Rev Date: 7/24/2006	
RCM Analysis:		Scheduled: N	Sit Reqs: D/D		Qty: 1	Removal Required:	
Lvl of Maint: 1		Freq: 0	Equip/Task: 1	Matl Cost: 67,500	ManDays: 1500	Alt No:	
Referenced Authority:			Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63131-001)UNDERWATER BODY REQUIRES PRESERVATION	PRESERVE UNDERWATER HULL BODY FROM FLAT KEELS TO SIX INCHES ABOVE THE BOOT TOPPING USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. TO INCLUDE BILGE KEELS, RUDDERS, SEA CHESTS, APPENDAGES, FAIRINGS, GRATINGS AND STRUTS. NOTE: 1. PRESERVATION BASED UPON COATING INSPECTORS RECOMMENDATIONS AND LATEST TYCOM PAINT MESSAGES. 2. UTILIZE SWI/SWT 631-01, UNDERWATER HULL PRESERVATION, FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: Q-63131-002- -UW BODY (DD) - RPR PAINT SYS				MJC: OXECQ012		Rev Date: 7/24/2006					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 20,250		ManDays: 450		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63131-002)UNDERWATER BODY REQUIRES PRESERVATION	SPOT BLAST ____ SQUARE FEET AND PRESERVE DESIGNATED AREAS. HYDRO-BLAST THE REMAINING PORTION OF UNDERWATER HULL. PAINT IAW NAVSEA STD WORK ITEM 009-32 AND NSTM 631. NOTE: 1. PRESERVATION, BASED UPON COATING INSPECTIONS RECOMMENDATIONS AND LATEST TYCOM PAINT MESSAGE. 2. USE ONLY NAVSEA APPROVED COATING SYSTEMS

Task/Abbreviation: Q-63141-001- -FREEBOARD - PSV				MJC: OXECQ008		Rev Date: 1/28/2008	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 22,500	ManDays: 500	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63141-001)FREEBOARD REQUIRES PRESERVATION	PRESERVE THE FREEBOARD SHELL PLATING FROM SIX (6) INCHES BELOW THE TOP OF THE BOOT TOP TO THE WATERWAY BAR/TROUGH OF WEATHER DECK INCLUDING APPENDAGES, USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. CUT-IN AND PAINT HULL MARKINGS AND BOOT TOP. PRESERVE ALL HULL PENETRATIONS TO TWELVE INCHES INTO THE PENETRATION. NOTE: 1. PRESERVATION, BASED UPON COATING INSPECTIONS RECOMMENDATIONS AND LATEST TYCOM PAINT MESSAGE. 2. USE ONLY NAVSEA APPROVED COATING SYSTEMS.

Task/Abbreviation: Q-63311-001-A-UW HULL SACRIFICIAL AD - REPL				MJC: OXECQ031		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: TBD		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,000		ManDays: 30		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63311-001)SACRIFICIAL ANODES REQUIRE REPLACEMENT	REPLACE ALL SACRIFICIAL ZINC ANODES ON THE HULL, HULL EXTRUSIONS AND HULL PENETRATIONS (BOW THRUSTER TUNNEL, STERN TUBES), FAIRWATERS, RUDDERS AND STRUTS. REPLACE _____ STUDS.

Task/Abbreviation: I-63321-001- -ICCP SYS - PRE DRYDOCK ASSESS**MJC:** OXECM004**Rev Date:** 4/4/2008**RCM Analysis:** 8/2/2004**Scheduled:** Y**Sit Reqs:** D/D**Qty:** TBD**Removal Required:****Lvl of Maint:** 3**Freq:** 129**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:**

BASELINE

Problem Description:

(I-63321-001) THE CATHODIC PROTECTION IMPRESSED CURRENT SYSTEM REQUIRES ASSESSMENT, 6 MONTHS PRIOR TO SCHEDULED DRY DOCK.

Recommended Solution:

ACCOMPLISH PRE - DRY DOCK ASSESSMENT (6 MONTHS PRIOR TO SCHEDULED DRY DOCK) OF THE CATHODIC PROTECTION, IMPRESSED CURRENT SYSTEM IN ACCORDANCE WITH MRC T1L1 AS FOLLOWS: 1. PERFORM CHECKS ON CATHODIC PROTECTION, IMPRESSED CURRENT (ICCP) SYSTEM. 2. INSPECT MATERIAL CONDITION OF PROPELLER SHAFT GROUNDING ASSEMBLIES. 3. INSPECT INTEGRITY OF RUDDER GROUND STRAPS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-63321-002- -ICCP SYS (DD) - VISUAL INSP				MJC: OXECM005		Rev Date: 4/7/2008					
RCM Analysis:		Scheduled: Y		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 129		Equip/Task: 1		Matl Cost:		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
NSTM CH-633, PARA. 633-7.2.4 NSTM CH-997, PARA. 997-4.1 GC:286210,MA:1300											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-63321-002) NSTM REQUIREMENT DUE				IAW NSTM CH-633, PARA. 633-7.2.4 & NSTM CH-997, PARA. 997-4.1, DURING DRYDOCK, ACCOMPLISH VISUAL INSPECT OF THE HULL IMPRESSED CURRENT CATHODIC PROTECTION SYSTEM IN ACCORDANCE WITH NSTM CHAPTER 633. TO INCLUDE INSPECTION OF ANODES, DIELECTRIC SHIELDS, REFERENCE CELLS, RUDDER POST AND SHAFT(S) GROUNDING DEVICES FOR PHYSICAL DAMAGE. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.					

Task/Abbreviation: Q-63321-003- -ICCP SYS (DD) - RPR				MJC: OXECQ009		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs: D/D	Qty: 1		Removal Required:	
Lvl of Maint: 1		Freq: 0	Equip/Task: 1	Matl Cost: 3,375	ManDays: 75	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63321-003)ICCP SYSTEM REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE IMPRESSED CURRENT CATHODIC PROTECTION SYSTEM: REPLACE ____ CAPASTIC/DIELECTRIC SHIELDS. REPAIR/RESTORE ____ CAPASTIC/DIELECTRIC SHIELDS (LIGHTLY BLAST-CLEAN THE ENTIRE SHIELD AREA AND RECOAT WITH 22 MILS OF CAPASTIC MATERIAL. REPAIR ____ SHAFT GROUNDING STRAPS DURING DRY DOCKING OR WATERBORNE. REPLACE ____ SHAFT GROUNDING STRAPS DURING DRY DOCKING OR WATERBORNE. REPLACE ____ ANODES (PLATINUM-PLATED TANTALUM). REPLACE ____ REFERENCE CELLS (SILVER/SILVER CHLORIDE ELEMENTS). PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL FOR GROOMING AND MINOR REPAIRS NOT PREVIOUSLY IDENTIFIED.

Task/Abbreviation: Q-63321-010- -ICCP SYS (DD) SHIELDS- RPL				MJC: EXECJAP7		Rev Date: 4/4/2008					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 5,625		ManDays: 75		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63321-010)ICCP CAPASTIC SHIELD REQUIRES REPLACEMENT	REPLACE___CAPASTIC/DIELECTRIC SHIELDS OF THE IMPRESSED CURRENT CATHODIC PROTECTION SYSTEM.

Task/Abbreviation: Q-63321-011- -ICCP SYS (DD) SHIELDS- RPR				MJC: EXECJAP8		Rev Date: 5/20/2005					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,375		ManDays: 75		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63321-011)ICCP CAPASTIC SHIELD REQUIRES REPAIR	REPAIR/RESTORE ____ CAPASTIC/DIELECTRIC SHIELDS (LIGHTLY BLAST-CLEAN THE ENTIRE SHIELD AREA AND RECOAT WITH 22 MILS OF CAPASTIC MATERIAL OF THE IMPRESSED CURRENT CATHODIC PROTECTION SYSTEM.

Task/Abbreviation: Q-63321-012- -ICCP SYS (DD) GND STRAPS- RPR				MJC: EXECJAP9		Rev Date: 5/20/2005					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 5,625		ManDays: 75		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63321-012)ICCP SHAFT GROUNDING STRAPS REQUIRE REPAIR	REPAIR __ SHAFT GROUNDING STRAPS (MAY BE ACCOMPLISHED DURING DRY DOCKING OR WATERBORNE) OF THE IMPRESSED CURRENT CATHODIC PROTECTION SYSTEM.

Task/Abbreviation: Q-63321-013- -ICCP SYS (DD) GND STRAPS- RPL				MJC: EXECJAQ0		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,375		ManDays: 75		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63321-013)ICCP SHAFT GROUNDING STRAPS REQUIRE REPLACEMENT	REPLACE ____ SHAFT GROUNDING STRAPS (MAY BE ACCOMPLISHED DURING DRY DOCKING OR WATERBORNE) OF THE IMPRESSED CURRENT CATHODIC PROTECTION SYSTEM.

Task/Abbreviation: Q-63321-014- -ICCP SYS (DD) ANODES- RPL				MJC: EXECJAQ1		Rev Date: 5/23/2005					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 5,625		ManDays: 75		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63321-014)ICCP ANODES REQUIRE REPLACEMENT	REPLACE ____ ANODES (PLATINUM-PLATED TANTALUM) OF THE IMPRESSED CURRENT CATHODIC PROTECTION SYSTEM.

Task/Abbreviation: Q-63321-015- -ICCP SYS (DD) ANODES- RPR				MJC: EXECJAQ2		Rev Date: 5/23/2005					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 5,625		ManDays: 75		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63321-015)ICCP ANODES REQUIRE REPAIR	REPAIR ____ REFERENCE CELLS (SILVER/SILVER CHLORIDE ELEMENTS) OF THE IMPRESSED CURRENT CATHODIC PROTECTION SYSTEM.

Task/Abbreviation: I-63321-022- -ICCP SYS - PRE DEPLOY ASSESS**MJC:** EXECIAN3**Rev Date:** 4/4/2008**RCM Analysis:** 8/2/2004**Scheduled:** Y**Sit Reqs:****Qty:** TBD**Removal Required:****Lvl of Maint:** 3**Freq:** 24**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:**

BASELINE

Problem Description:

(I-63321-022) THE CATHODIC PROTECTION, IMPRESSED CURRENT SYSTEM REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH PRE - DEPLOYMENT (APPROXIMATELY 60 DAYS PRIOR TO DEPLOYMENT) ASSESSMENT OF THE CATHODIC PROTECTION, IMPRESSED CURRENT SYSTEM IN ACCORDANCE WITH MRC T1L1 AS FOLLOWS: 1. PERFORM CHECKS ON CATHODIC PROTECTION, IMPRESSED CURRENT (ICCP) SYSTEM. 2. INSPECT MATERIAL CONDITION OF PROPELLER SHAFT GROUNDING ASSEMBLIES. 3. INSPECT INTEGRITY OF RUDDER GROUND STRAPS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-63321-025- -ICCP SYS - POST DRYDOCK (DD)**MJC:** OXECI061**Rev Date:** 9/14/2011**RCM Analysis:** 8/2/2004**Scheduled:** Y**Sit Reqs:** D/D**Qty:** TBD**Removal Required:****Lvl of Maint:** 3**Freq:** 129**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:**

BASELINE

Problem Description:

(I-63321-025) THE CATHODIC PROTECTION IMPRESSED CURRENT SYSTEM REQUIRES ASSESSMENT, WITHIN ONE MONTH FOLLOWING END OF SCHEDULED DRY DOCK.

Recommended Solution:

ACCOMPLISH POST DRYDOCK ASSESSMENT (WITHIN ONE MONTH FOLLOWING END OF SCHEDULED DRYDOCK) OF THE CATHODIC PROTECTION, IMPRESSED CURRENT SYSTEM IN ACCORDANCE WITH MRC T1L1 AS FOLLOWS: 1. PERFORM CHECKS ON CATHODIC PROTECTION, IMPRESSED CURRENT (ICCP) SYSTEM. 2. INSPECT MATERIAL CONDITION OF PROPELLER SHAFT GROUNDING ASSEMBLIES. 3. INSPECT INTEGRITY OF RUDDER GROUND STRAPS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-63321-026- -ICCP SYS REFERENCE CELL - RPR			MJC: EXECQE23		Rev Date: 3/9/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63321-026)ICCP SYSTEM REFERENCE ELECTRODE REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE ICCP SYSTEM REFERENCE SYSTEM ELECTRODE PER CONDITION ASSESSMENT RECOMMENDATIONS: A. REPLACE REFERENCE CELL. B. REPLACE FAIRING. C. REPLACE/TIGHTEN FASTENERS. D. RESTORE ____ SQ. FT. OF COATING. E. REMOVE BIOFOULING. F. CLEAR ACCESS HOLES. DIVERS INSPECTION REPORT AVAILABLE AT WWW._____.COM (REFERENCE JOB NUMBER_____).

Task/Abbreviation: Q-63321-027- -ICCP SYS ANODES - RPR			MJC: EXECQE25		Rev Date: 3/9/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63321-027)ICCP SYSTEM ANODES REQUIRE REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE ICCP SYSTEM ANODES PER CONDITION ASSESSMENT RECOMMENDATIONS: A. REMOVE FOULING. B. REPLACE FAIRING. C. REPLACE FASTENERS. D. REPAIR SHIELD. E. REPLACE ANODE. F. REINSPECT AT NEXT AVAILABILITY. DIVERS INSPECTION REPORT AVAILABLE AT WWW._____.COM (REFERENCE JOB NUMBER_____).

Task/Abbreviation: A-63411-003- -AER LHD1-03799 - ACCOMP			MJC: EXTYA967		Rev Date: 9/21/2011	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 250,000	ManDays: 1200	Alt No: AER 03799 D	
Referenced Authority:		Repair Pool:		MCC: 1		
FLEET REQUIREMENT FMP GC:930000,MA:4104						
Reason:	Problem Description:		Recommended Solution:			
BASELINE	(A-63411-3) AER LHD1-03799, SYNTHETIC DECKING, NOT ACCOMPLISHED		ACCOMPLISH AER LHD1-03799 WHICH REPLACES WELL DECK DECKING WITH A UHMW SYNTHETIC SLAG TYPE NON SKID WELL DECK DECKING WHICH WILL DRASTICALLY REDUCE THE MAINTENANCE COST OF WELL DECK DECKING.			

Task/Abbreviation: Q-63421-001- -HELICOPTER DK - PSV			MJC: OXECQ010		Rev Date: 7/12/2004	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 13,500	ManDays: 300	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-63421-001)HELICOPTER/HANGAR DECK REQUIRES PRESERVATION	PRESERVE THE HELICOPTER FLIGHT, HANGAR DECK AND FORWARD VERTREP DECK PER CONDITION ASSESSMENT RECOMMENDATIONS USING NAVSEA STANDARD ITEM 009-32 FOR GUIDANCE. ABRASIVE-BLAST DECK AND APPLY AUTHORIZED NON-SKID COATING. CLEAN "RAST" TRACKS AND CABLE TROUGHS, IF INSTALLED, AFTER ABRASIVE BLASTING. PAINT FLIGHT DECK AND HANGAR MARKINGS. NOTE: RAST SYSTEM TRACK SLOT SEALS AND BELLMOUTH SEALS MUST BE INSTALLED PRIOR TO ABRASIVE BLASTING. IF TRACK PLATES HAVE BEEN REMOVED, WOODEN BLANKS MUST BE INSTALLED.

Task/Abbreviation: R-63511-002- -HULL INSUL - RPR/REPL			MJC: EXSYR140		Rev Date: 6/9/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 20,000	ManDays: 50	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-63511-002)MISSING/DAMAGED HULL INSULATION MUST BE REPAIRED OR REPLACED.	REMOVE EXISTING AND INSTALL NEW, AND REPAIR DAMAGED, DETERIORATED OR MISSING HULL INSULATION IN ACCORDANCE WITH SHIPS FORCE PRIORITY LIST UP TO THE LIMIT OF FUNDS ALLOCATED BY TYPE COMMANDER. PROVIDE RESERVATION OF _____ MANDAYS AND \$_____ MATERIAL. NOTE: USE SI 009-11 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: D-64111-008- -PA LHD1-00528D - ACCOMP			MJC: EXSAD630		Rev Date: 6/17/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: PALHD 00528 D
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-64111-8) PA LHD1-00528D, RECONFGR STRMS TO ACCOM ESG, NOT ACCOMPLISHED	ACCOMPLISH PA LHD1-00528D WHICH WILL REMOVE 10 SINGLE OFFICER BERTHS, REPLACE WITH DOUBLE OFFICER BERTHS AND REMOVE 21 DOUBLE OFFICER BERTHS, REPLACE WITH TRIPLE BERTHS (CPO TYPE).

Task/Abbreviation: I-65111-036- -GREASE HOOD (GIH) - MRC G2B2**MJC:** EXECIC45**Rev Date:** 3/17/2011**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** TBD**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-65111-036)THE GREASE INTERCEPTOR HOOD (GIH) EQUIPMENT REQUIRES ASSESSMENT.

ACCOMPLISH THE GREASE INTERCEPTOR HOOD (GIH) EQUIPMENT ASSESSMENT IN ACCORDANCE WITH MRC G2B2 AS FOLLOWS: 1. PERFORM VISUAL INSPECTION. 2. TEST OPERATION FOR EACH GIH AND EVT SOLENOID OPERATED DAMPERS. 3. CONDUCT GIH EXHAUST AIR FLOW USING MASS AIR FLOW ANEMOMETER. 4. INSPECT HOOD, SPRAY NOZZLES AND ACCESS DOOR HARDWARE AND HIGH TEMPERATURE TACHAMONTER. 5. INSPECT WASH-DOWN CONTROL CABINET. 6. INSPECT PUMP, DETERGENT TANK, AND FOOT VALVE. 7. PERFORM OPERATIONAL TEST OF WASH-DOWN SYSTEM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-65111-071- -DEEP FAT FRYER - RPR				MJC: EXECQED8		Rev Date: 3/24/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-65111-071)THE DEEP FAT FRYER REQUIRES REPAIR.	ACCOMPLISH THE REPAIR OF THE DEEP FAT FRYER PER THE CONDITION ASSESSMENT RECOMMENDATIONS (AS APPLICABLE): A. REPLACE FRYER ELEMENT. B. REPLACE THERMOSTAT. C. REPLACE INDICATOR LIGHT. C. REPLACE HANDLE. D. REPAIR SAFETY LATCH. E. CALIBRATE FRYER AND PERFORM OP TEST FOR PROPER PERFORMANCE.

Task/Abbreviation: I-65111-A01- -ICE MAKER DISPENSER - MRC G2F9			MJC: EXECIKE3		Rev Date: 3/28/2011
RCM Analysis: 10/4/2004	Scheduled: N	Sit Reqs:	Qty: TBD	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-65111-A01)THE ICE MAKER DISPENSER EQUIPMENT REQUIRES ASSESSMENT.	ACCOMPLISH THE ICE MAKER DISPENSER EQUIPMENT ASSESSMENT IN ACCORDANCE WITH MRC G2F9 AS FOLLOWS: 1. PERFORM VISUAL INSPECTION. 2. PERFORM OPERATIONAL INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-65211-011- -SHIPALT LHD1-78421K - ACCOMP			MJC: EXSAK901		Rev Date: 1/27/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 5	Alt No: SA LHD1-78421K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-65211-11) SHIPALT LHD1-78421K JOINT BIOLOGICAL AGENT IDENT, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-78421K, JOINT BIOLOGICAL AGENT IDENTIFICATION AND DIAGNOSTIC SYSTEM (JBAIDS), WHICH WILL PROVIDE CAPABILITY FOR CONFIRMATORY TESTING TO REACT RAPIDLY TO SUSPECTED BIOLOGICAL ATTACK OR ILLNESS FROM NATURALLY OCCURRING AGENTS. JBAIDS WILL IDENTIFY AND QUANTIFY BIOLOGICAL WARFARE AGENTS FOR CONFIRMATORY AND PROGNOSTIC PURPOSES. IT WILL PERFORM ANALYTICAL TESTS IN ENVIRONMENTAL, FOOD AND CLINICAL SAMPLES. THE FOLLOWING DESCRIBES THE CHANGE: 1. ESTABLISH JBAIDS SYSTEM IN SHIP MEDICAL DEPARTMENT (LABORATORY). 2. WELD AND MOUNT TIE DOWN STRAP HARDWARE FOR 2 CARRYING CASES. 3. INSTALL REFRIGERATOR/FREEZER (WELD MOUNTS) FOR STORAGE OF CONSUMABLES. 4. PROPERLY SECURE EXISTING HOOD (OR INSTALL NEW HOOD FOR LHD 8). 3. REMOVE LIGHTCYCLER AND RETURN EQUIPMENT TO OEM. POC: JOHN ANTHONY, 540-653-3326, JOHN.ANTHONY@NAVY.MIL.

Task/Abbreviation: I-65511-013- -LAU WASHER <20LB - MRC G2G5**MJC:** EXECIC67**Rev Date:** 12/6/2006**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-65511-013)THE LAUNDRY WASHER-EXTRACTOR
REQUIRES ASSESSMENT.ACCOMPLISH ASSESSEMENT OF THE LAUNDRY
WASHER-EXTRACTOR IN ACCORDANCE WITH MRC G2G5 AS
FOLLOWS: 1. PERFORM MATERIAL CONDITION INSPECTION. 2.
PERFORM OPERATIONAL TEST. REPORT CONDITIONS FOUND TO
SHIP'S CSMP. NOTE: MAI RMC WORK CENTER 936P, VISIT TYPE
HMER A II. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE
SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO,
BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-65511-014- -LAU WASHER >60LB - MRC G2G4			MJC: EXECICI8		Rev Date: 12/6/2006					
RCM Analysis: 8/2/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 1				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-65511-014)THE LAUNDRY WASHER-EXTRACTOR REQUIRES ASSESSMENT.	ACCOMPLISH THE LAUNDRY WASHER-EXTRACTOR EQUIPMENT ASSESSMENT IN ACCORDANCE WITH MRC G2G4 AS FOLLOWS: 1. PERFORM MATERIAL CONDITION INSPECTION. 2. PERFORM OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. NOTE: MAI RMC WORK CENTER 936P, VISIT TYPE HMER A II. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-65511-015- -DRYER TUMB MACH >20 - MRC G2G7			MJC: EXECICI9		Rev Date: 12/6/2006					
RCM Analysis: 8/2/2004		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:				Repair Pool:		MCC: 1				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-65511-015)THE DRYER TUMBLER MACHINE REQUIRES ASSESSMENT.	ACCOMPLISH THE DRYER TUMBLER MACHINE ASSESSMENT IN ACCORDANCE WITH MRC G2G7 AS FOLLOWS: 1. PERFORM MATERIAL CONDITION INSPECTION. 2. PERFORM OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. NOTE: MAI RMC WORK CENTER 936P, VISIT TYPE HMER A II. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-65511-016- -LAU PRESS - MRC G2G3**MJC:** EXECICJ0**Rev Date:** 12/6/2006**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:**

BASELINE

Problem Description:

(I-65511-016)THE LAUNDRY POWER-OPERATED PRESS EQUIPMENT REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE LAUNDRY POWER-OPERATED PRESS EQUIPMENT ASSESSMENT IN ACCORDANCE WITH MRC G2G3 AS FOLLOWS: 1. PERFORM VISUAL ASSESSMENT. 2. PERFORM OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. NOTE: MAI RMC WORK CENTER 936P, VISIT TYPE HMER A II. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-65511-017- -DRYER TUMB MACH <20 - MRC G2G8			MJC: EXECICU6		Rev Date: 5/24/2006
RCM Analysis: 8/2/2004	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-65511-017)THE DRYER TUMBLER MACHINE REQUIRES ASSESSMENT.	ACCOMPLISH THE DRYER TUMBLER MACHINE ASSESSMENT IN ACCORDANCE WITH MRC G2G8 AS FOLLOWS: 1. PERFORM MATERIAL CONDITION INSPECTION. 2. PERFORM OPERATIONAL TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. NOTE: MAI RMC WORK CENTER 936P, VISIT TYPE HAMERA II. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: D-65511-022- -SHIPALT LHD1-00288D - ACCOMP				MJC: EXSAD515	Rev Date: 2/21/2007
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 231,026	ManDays: 2491	Alt No: SALHD 00288 D
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-65511-22) SHIPALT LHD1-00288D, INSTALL SELF-SERVICE LAUNDRY, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00288D WHICH INSTALLS 16 WASHERS AND 19 DRYERS IN THE SPACE WHERE THE DRY CLEANING EQUIPMENT WAS REMOVED.

Task/Abbreviation: A-65511-024- -AER LHD1-01195 - ACCOMP				MJC: EXTAAA43		Rev Date: 1/15/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 20,000		ManDays: 40		Alt No: TYLHD 01195	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-65511-24) AER LHD1-01195, INSTL ADL WTR CUOUT VLV LAUNDR, NOT ACCOMPLISHED	ACCOMPLISH AER LHD1-01195 WHICH INSTALLS ADDITIONAL WATER CUTOUT VALVES FOR THE LAUNDRY.

Task/Abbreviation: D-65611-008- -SHIPALT LHD1-03277D - ACCOMP			MJC: EXSAD530		Rev Date: 4/27/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,400	ManDays: 246	Alt No: SALHD 03277 D
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-65611-8) SHIPALT LHD1-03277D, DOCUMENT DISINTEGRATORS, NOT ACCOMPLISHED	ACCOMPLISH IPALT LHD1-03277D WHICH INSTALLS TOW MODEL SEM DS-200 DISINTEGRATORS (WITH VACUUM ENCLOSURES) TO COMPLY WITH NEW POLICY. [MOST EXISTING DESTRUCTION DEVICES (SHREDDERS) USED TO DESTROY PLASTIC AND PAPER-BASED MATERIAL ARE NO LONGER CONSIDERED ADEQUATE FOR COMPLETE TERMINAL DESTRUCTION OF CLASSIFIED DATA. PRODUCTS LISTED ON THE NATIONAL SECURITY AGENCY (NSA) EPL-02-01-B ARE THE ONLY DOCUMENT DESTRUCTION DEVICES APPROVED FOR INSTALLATION AS DOCUMENT DESTRUCTORS. MODEL DS-200 IS A KNIFEMILL DESTRUCTOR WITH A CAPACITY OF 35 POUNDS PER HOUR AND SHALL BE EQUIPPED WITH A 5/64 INCH SCREEN WHICH HAS BEEN APPROVED BY NSA AND MEETS THE REQUIREMENTS FOR DESTRUCTION OF KEY TAPE AS WELL AS ALL LEVELS OF CLASSIFIED PAPER DOCUMENTS].

Task/Abbreviation: K-66111-013- -PRT 78951 RETAIL OPS - ACCOMP			MJC: EXSAO466		Rev Date: 8/17/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: 78951
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-66111-13) 78951, RETAIL OPS MGMT SUPPORT, NOT ACCOMPLISHED.	ACCOMPLISH 78951 WHICH INSTALLS ROM ES PROTOTYPE RETAIL OPERATIONS MANAGEMENT. ROM ES WILL REPLACE THE EXISTING LEGACY ROM II SOFTWARE APPLICATION USED TO MANAGE SHIP STORE OPERATIONS AFLOAT. ROM ES MOVES ALL BACK OFFICE RECORDS KEEPING AND REPORTING FUNCTIONS FROM INDIVIDUAL SHIPS TO THE NAVY EXCHANGE COMMAND (NEXCOM), VIRGINIA BEACH, VA. INDIVIDUAL SHIP STORES WILL TRANSMIT RECEIPT AND SALES TRANSACTIONS TO THE BACK OFFICE APPLICATION ASHORE USING STANDARD INTERNET PROTOCOLS (TCP/IP) AND A 3DES ENCRYPTION ALGORITHM. THIS MOVES SHIP STORES FROM AN INDEPENDENT STAND-ALONE OPERATIONS TO CENTRALIZED MANAGEMENT ASHORE. POC: SUNEET KUNDRA, 717-605-3651, SUNEET.KUNDRA@NAVY.MIL OR ROBERT LINGO, 717-605-3139, ROBERT.LINGO@NAVY.MIL OR PAUL BROWN, 619-437-2371, PAUL.E.BROWN@NAVY.MIL.

Task/Abbreviation: K-66411-013- -SHIPALT LHD1-70039K - ACCOMP**MJC:** CXSAK106**Rev Date:** 5/3/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:****Alt No:** SALHD 70039 K**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-66411-13) SHIPALT LHD1-70039K, INSTALL
DCTMS, NOT ACCOMPLISHEDACCOMPLISH SHIPALT LHD1-70039K WHICH INSTALLS THE DAMAGE
CONTROL TRAINING MANAGEMENT SYSTEM (DCTMS). THIS
PROVIDES ISNS LAN DROPS, SHELF MOUNTING, TIE DOWN AND A
LAPTOP IN EACH DAMAGE CONTROL SPACE. THE DAMAGE
CONTROL SPACES INCLUDE EACH DAMAGE CONTROL REPAIR
STATION/LOCKER, DAMAGE CONTROL CENTRAL, CENTRAL
CONTROL STATION, AND DAMAGE CONTROL GENERAL WORKSHOP.
THE LAN DROP AND LAPTOP SHALL BE MOUNTED NEAR OR
ADJACENT TO THE DC PLATES, HINGE LEAF UNIT AND
COMMUNICATION AREA WITHIN EACH DAMAGE CONTROL REPAIR
STATION, DC CENTRAL, AND CENTRAL CONTROL STATION. THE
LAPTOP IN THE GENERAL WORKSHOP SHALL BE LOCATED IN THE
ADMINISTRATION AREA OF THE SHOP. ADDITIONAL FLAT PANEL
MONITORS ARE INSTALLED FOR INFORMATION VIEWING TO
IMPROVE DAMAGE CONTROL TRAINING EFFECTIVENESS.

Task/Abbreviation:		K-66411-018- -SHIPALT LHD1-03205K - ACCOMP		MJC:	CXSAK180	Rev Date:	12/12/2006				
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	1	Removal Required:					
Lvl of Maint:	1	Freq:	0	Equip/Task:	1	Matl Cost:	6,000	ManDays:	550	Alt No:	SALHD 03205 K
Referenced Authority:		Repair Pool:		MCC:		3					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-66411-18) SHIPALT LHD1-03205K - FIREFIGHTER LSS/FES, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03205K WHICH THE FIREFIGHTER LADDER SAFETY SYSTEM (LSS) CONSISTS OF FLAT BAR RAILS WHICH WILL BE PERMANENTLY BOLTED TO THE EXISTING ESCAPE TRUNK LADDER RUNGS. IF REQUIRED, A PAD EYE WILL BE INSTALLED AT THE TOP OF ESCAPE TRUCK FOR ATTACHING THE FIREFIGHTER EXTRACTION SYSTEM (FES).

Task/Abbreviation: K-66411-019- -SHIPALT LHD1-00394K - ACCOMP			MJC: CXSAK235		Rev Date: 1/30/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 6,000	ManDays: 550	Alt No: SALHD 00394 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-66411-19) SHIPALT LHD1-00394K - FIREFIGHTER LSS/FES, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00394K, FIREFIGHTER LSS/FES, WHICH THE LADDER SAFETY SYSTEM (LSS) WILL PROVIDE FALL PREVENTION FOR FIREFIGHTERS WHEN CLIMBING OR DESCENDING MACHINERY SPACE ESCAPE TRUNKS FOR FIREFIGHTING AND TRAINING EXERCISES. THE FIREFIGHTER EXTRACTION SYSTEM (FES) WILL PROVIDE RESCUE CAPABILITY TO REMOVE INJURED OR EXHAUSTED FIREFIGHTERS FROM THE BOTTOM OF ESCAPE TRUNKS DURING VERTICAL ENTRY FIREFIGHTING AND TRAINING EXERCISES. THE LSS AND FES WILL BE INSTALLED SIMULTANEOUSLY. POC, DAVID SATTERFIELD, 202-781-3647, DAVID.SATTERFIELD@NAVY.MIL.

Task/Abbreviation: K-66411-021- -SHIPALT LSD41-70039K - ACCOMP			MJC: CXSAK307		Rev Date: 7/12/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: SALHD 70039 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-66411-21) SHIPALT LSD41-70039K, INSTALL DCTMS, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT LSD41-70039K, WHICH DCTMS PROVIDES REAL-TIME, DYNAMIC SHIP STATUS AND PARAMETRIC INFORMATION TO DAMAGE CONTROL TRAINING TEAM (DCTT), AND ACCEPTS FEEDBACK ON ACTIONS TAKEN BY WATCH STANDERS FROM DCTT. THE SYSTEM WILL SUPPORT TEAM TRAINING FOR DC SUPERVISORY WATCH STANDERS INCLUDING DC ASSISTANT, DC CONSOLE OPERATOR AND REPAIR LOCKER OFFICERS AT THTIER DC STATIONS. IN ADDITION, THE DCTMS TRAINER WILL SUPPORT INDIVIDUAL AND SUB-TEAM FAMILIARIZATION TRAINING IN OTHER LOCATIONS, AND SUPPORT SCHOOLHOUSE TRAINING. THE SHIPS CREW WILL TRAIN WITH THEIR RESPECTIVE SHIPBOARD EQUIPMENT CONFIGURED AS CLOSE TO NORMAL AS POSSIBLE, INCLUSIVE OF ALL CAPABILITIES AND LIMITATIONS.

Task/Abbreviation: A-66511-007- -AER LHD1-02897 - ACCOMP			MJC: EXTYA115		Rev Date: 3/7/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: TYLHD 02897
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-66511-7) TYCOM AUTHORIZED ALTERATION	ACCOMPLISH AER LHD1-02897E "BATTLE FORCE INTERMEDIATE MAINTENANCE ACTIVITY (BFIMA) CAPABILITY" WHICH INSTALLS SELECTIVE EQUIPMENT UPGRADES TO SUPPORT BATTLE FORCE SHIP REPAIR CAPABILITIES.

Task/Abbreviation: K-66531-005- -SA 77571 SINK AQUEOUS**MJC:** EXSAKA03**Rev Date:** 9/22/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:** 77571**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

SINK AQUEOUS PARTS WASHER INSTALLATION
NOT ACCOMPLISHED

THIS SCD IS FOR THE INSTALLATION OF A NEW PIECE OF SUPPORT EQUIPMENT, THE SINK BASE AQUEOUS PARTS WASHERS. P/N PR-04-1401 (SAPW), WHICH WILL BE ADDED TO THE AVIATION MOBILE EQUIP & INTERNAL COMB. ENG SHOP. THE SAPW WILL BE USED FOR MANUAL HAND CLEANING OF LIGHT TO MODERATE SOILS SUCH AS DIRT, GRIME, OIL, AND GREASE FROM STEEL COMPONENTS USING AN AQUEOUS BASED SOLUTION. THE SAPW IS CONSIDERED A COMMERCIAL OFF-THE-SHELF (COTS) ITEM WITH MINIMAL DESIGN, DEVELOPMENT, OR MODIFICATIONS REQUIRED. THE SAPW WILL BE INSTALLED ONBOARD LHD CLASS SHIPS IN TWO SHOPS: THE JET ENGINE SHOP, FRAMES 125-130 (PORT) COMPARTMENT 1-125-2-Q; AND THE GROUND SUPPORT EQUIPMENT SHOP, FRAMES 122-125 (STARBOARD) COMPARTMENT 1-122-1-Q. THE SAPW WILL REPLACE THE LARGE AQUEOUS PARTS WASHER IN THE JET ENGINE SHOP. TECHNICAL POCS: INSTALLATION ENGINEERING TEAM LEAD, DOMINICK BRANCO, DOMINICK.BRANCO@NAVY.MIL (732) 323-7178 NAWC-AD LAKEHURST, NJ. INSTALLATION ENGINEER, ANDREW FUCA, ANDREW.FUCA@NAVY.MIL (732) 323-2657 NAWC-AD LAKEHURST, NJ.

Task/Abbreviation: K-66531-006- -PARTS WASHER SA-77572**MJC:** EXSAKA04**Rev Date:** 7/27/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:** 77572**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

SA-77572 AGITATED SOLVENT PARTS WASHER
INSTALLATION NOT ACCOMPLISHED

THIS SCD IS FOR THE INSTALLATION OF THE AGITATED SOLVENTS PARTS WASHER (ASPW). THE ASPWS WILL BE INSTALLED ON ALL LHA AND LHD CLASS SHIPS. THE ASPWS WILL BE USED IN THE AIMD 500 AIRFRAMES DIVISION FOR CLEANING CORROSION SENSITIVE COMPONENTS SUCH AS AIRCRAFT WHEEL BEARING ASSEMBLIES AND AIRCRAFT ENGINE COMPONENTS. THE ASPW WILL USE MIL-PRF-680A TYPE II DEGREASING SOLVENTS TO FACILITATE THE CLEANING OF PARTS WHICH WOULD BE SUBJECT TO CORROSIVE AFFECTS ASSOCIATED WITH AQUEOUS BASED PARTS WASHING SOLUTIONS. THE ASPW CONTAINS A VOC EMISSION CONTROL SYSTEM, INCLUDING SOLVENT FILTERS, TO HELP MITIGATE HARMFUL EMISSIONS AND PROLONG THE LIFE OF THE SOLVENT. THE ASPW IS AN ABBREVIATED ACQUISITION PROGRAM (AAP) AND IS MANAGED BY PMA-260, COMMON SUPPORT EQUIPMENT PROGRAM OFFICE. THE ASPW IS CONSIDERED A COMMERCIAL OFF-THE-SHELF (COTS) ITEM WITH MINIMAL DESIGN, DEVELOPMENT, OR MODIFICATIONS REQUIRED. INSTALLATION ENGINEERING TEAM LEAD. DOMINICK BRANCO
DOMINICK.BRANCO@NAVY.MIL (732) 323-7178 NAWC-AD LAKEHURST, NJ. INSTALLATION ENGINEER, ANDREW FUCA
ANDREW.FUCA@NAVY.MIL (732) 323-2657 NAWC-AD LAKEHURST, NJ.

Task/Abbreviation: K-66541-002- -SHIPALT LHD1-00335K - ACCOMP				MJC: EXSAK723		Rev Date: 2/23/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required: NO			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 113,550		ManDays: 1037		Alt No: SALHD 00335 K	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-66541-2) SHIPALT LHD1-00335K, INSTALL HC SAR DET FACILITIES, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00335K WHICH PROVIDE NEW COMPARTMENTATION FOR THE INSTALLATION OF SAR DET OPERATION/ADMINISTRATION/BRIEFING ROOM, MAINTENANCE WORKSPACE, LINE SHACK, & FLIGHT GEAR STOWAGE.

Task/Abbreviation: K-66541-003- -SHIPALT LHD1-03141K - ACCOMP				MJC: EXSAK735		Rev Date: 4/23/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 150,000		ManDays: 2000		Alt No: SALHD 03141 K	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-66541-3) SHIPALT LHD1-03141K, INSTALL HC SAR DET FACILITIES, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03141K WHICH PROVIDE SAR DETACHMENT MAINTENANCE WORKSPACE, GEAR STOWAGE; OFFICE FOR OPERATIONS, ADMINISTRATION AND BRIEFING ROOM, LINE SHACK AND FLIGHT GEAR STOWAGE.

Task/Abbreviation: I-71111-100- -MK 38 MOD 2 GUN MT - MRC A5F0		MJC: CEXECIDE7	Rev Date: 7/8/2010		
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 3	Freq: 18	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-71111-100)THE MK 38 MOD 2, 25MM GUN MOUNT REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 38 MOD 2, 25MM GUN MOUNT ASSESSMENT IN ACCORDANCE WITH MRC A5F0. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-71121-002- -MK 16 GUN MOUNT - RPR/REPL				MJC: CXECQ074		Rev Date: 3/11/2010			
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 3		Removal Required:		
Lvl of Maint: 1		Freq: 0	Equip/Task: 1	Matl Cost: 2,250		ManDays: 50		Alt No:	
Referenced Authority:			Repair Pool:		MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-71121-002)MK16 CIWS REQUIRES REPAIR/REPLACEMENT	REPAIR/REPLACE THE 2 EACH MK 16 MOD () CLOSE-IN WEAPON SYSTEM (CIWS) WEAPONS GROUP (GUN MOUNTS) PER CONDITION ASSESSMENT RECOMMENDATIONS. SHIP TO THE DESIGNATED REPAIR FACILITY IN ACCORDANCE WITH THE CURRENT ISSUE OF CLOSE-IN WEAPON SYSTEM (CIWS) MK 15 PHALANX REMOVAL AND INSTALLATION PROCEDURES. NOTE: 1. EQUIPMENT MAY BE REMOVED PRIOR TO START OF AVAILABILITY. 2. FTSC TASKED BY TYCOM TO ASSIST WITH THE INSTALLATION AND CHECK-OUT.

Task/Abbreviation: Q-71121-003- -MK 16 GUN MOUNT - ENCL				MJC: CEXECQ075		Rev Date: 9/9/2003					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,000		ManDays: 50		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-71121-003)CIWS REQUIRES ENCLOSURE				ENCLOSE THE 2 EACH MK 16 MOD () CLOSE-IN WEAPON SYSTEM (CIWS) WEAPONS GROUP (GUN MOUNTS) ON BOARD AND PROVIDE ADEQUATE WORK AREA AND SUPPORT SERVICES FOR OPERATION, REPAIR AND MAINTENANCE. NOTE: ESTIMATE IS FOR DUAL GUN SYSTEM.					

Task/Abbreviation: R-71121-004- -MK 16 GUN MOUNT - LAYUP			MJC: CXSYR001		Rev Date: 6/9/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 3,000	ManDays: 35	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-71121-004)THE MK 15 CIWS REQUIRES LAY-UP DURING THE AVAILABILITY TO ENSURE DETERIORATION OF EQUIPMENT CONDITION DOES NOT OCCUR.	LAY-UP AND ENCLOSE, WITHOUT ACCESS, THE MK 15 MOD () CLOSE-IN WEAPON SYSTEM (CIWS) ON BOARD. NOTE: 1. THIS ITEM IS APPLICABLE ONLY IF NO REPAIRS OR MAINTENANCE IS TO BE ACCOMPLISHED. NOTE 2: USE SWT 992-22 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: O-71121-011- -ORDALT 16646 - ACCOMP				MJC: CXSAO072		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No: OA 16646	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-71121-11) ORDALT 16646, PALLET REMOVAL VALVE MANIFOLD, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 16646 WHICH INSTALLS PALLET REMOVAL VALVE, P/N 6769101, AT PNEUMATIC REGULATOR AND STORAGE ASSEMBLY 3A4A11. POC: JOSE CABRERA, 502-364-5540, CABRERAJA@NSWCL.NAVY.NAVY.MIL OR JOSE.CABRERA@.NAVY.MIL.

Task/Abbreviation: I-71121-027- -MK 16 CIWS - MRC A2E3**MJC:** EXECID60**Rev Date:** 8/18/2010**RCM Analysis:** 12/3/2007**Scheduled:** Y**Sit Reqs:****Qty:****Removal Required:****Lvl of Maint:** 3**Freq:** 24**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-71121-027)THE MK-16 CIWS REQUIRES ASSESSMENT.

ACCOMP MRC A2E3: 1. PERFORM SYSTEM OPERABILITY TESTS (SOTS), PERIODIC SYSTEM OPERABILITY TESTS (PSOTS), AND (FITS) FAULT ISOLATION TESTS. 2. VERIFY ENVIRONMENTAL CONTROL GROUP (ECG)AND WAVEGUIDE AIR DRYER SYSTEM (WADS) PERFORMANCE. 3. PERFORM SYSTEM RADAR TIMING (PSOT 18). 4. VERIFY TRANSMITTER OUTPUT PULSE AND POWER OUT. 5. CALIBRATE TRANSMITTER FORWARD AND BACK POWER. 6. CHECK/ADJUST RADAR RF PHASE AND GAIN. 7. PERFORM PSOT 13 AND PSOT 14. 8. VERIFY PROPER SEARCH ANTENNA MOTOR OPERATION. 9. VERIFY PROPER OPERATION OF MOUNT ELEVATION SERVO AND TRACK ANTENNA SERVOS. 10. VERIFY PQM OPERATION. 11. CHECK POWER SUPPLY RIPPLE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B NOTE: RECOMMEND ACCOMPLISHMENT 90 DAYS PRIOR TO DEPLOYMENT.

Task/Abbreviation: K-71121-032- -SHIPALT LHD1-03266K - ACCOMP			MJC: WWSAK008		Rev Date: 12/23/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 50,001	ManDays: 655	Alt No: SALHD 03266 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-71121-32) SHIPALT LHD1-03266K, PHALANX SURFACE MODE UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03266K WHICH UPGRADES THE PHALANX SURFACE MODE OPERATION. "POC" DAVID DUTTON, 703-872-3504, DUTTONB@NAVSEA.NAVY.MIL.

Task/Abbreviation: O-71121-033- -SWD BFTT 3.2G - ACCOMP				MJC: EXSAO092	Rev Date: 12/23/2005
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: SWD 3.2G BFTT
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-71121-33) SWD 3.2G, PHALANX SURFACE MODE UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SWD 3.2G WHICH UPGRADES THE SOFTWARE FOR THE PHALANX SURFACE MODE.

Task/Abbreviation: O-71121-038- -ORDALT 30521 - ACCOMP			MJC: EXSAO133		Rev Date: 5/30/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 30521
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-71121-38) ORDALT 30521, WINPASS 2.0 PROGRAM, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 30521 WHICH INSTALLS THE WINPASS VERSION 2.0 RELEASE OF THE WINPASS PROGRAM. THE PROGRAM IMPLEMENTS DOS-BASED PASS PROGRAM FUNCTIONS IN A WINDOW NT ENVIRONMENT AND IMPROVES THE PERFORMANCE OVER THE ORIGINAL WINPASS VERSION 1.01. THE MOST SIGNIFICANT IMPROVEMENTS ARE IN THE AREA OF PHALANX SYSTEM PERFORMANCE ASSESSMENT. ORDALT 30521 MODIFIES THE SUBJECT EQUIPMENT IN ACCORDANCE WITH ENGINEERING CHANGE PROPOSAL (ECP) RMS-M15-0101. POC: RICHARD KAE LIN, 502-364-6623, RICHARD.KAE LIN@NAVY.MIL OR KAE LINRA@NSWCL.NAVY.MIL.

Task/Abbreviation: O-71121-041- -ORDALT 71375 - ACCOMP			MJC: CXSAO205		Rev Date: 5/2/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 71375
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-71121-41) ORDALT 71375, BLK 1B DASH 5 OP SW USN-1B05, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 71375 WHICH INSTALLS THE USN-1B05 RELEASE OF THE PHALANX BLOCK 1B OPERATIONAL SOFTWARE. POC: RICHARD KAE LIN, 502-364-6623, RICHARD.KAE LIN@NAVY.MIL

Task/Abbreviation: O-71121-043- -ORDALT 30555 - ACCOMP				MJC: WXS AO021		Rev Date: 5/22/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 10		Alt No: OA 30555	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-71121-43) ORDALT 30555, USN 1B04 OPERATIONAL SOFTWARE, NOT ACCOMPLISHED	ACCOMPLISH ORDALT OA 30555 WHICH UPDATES THE BLOCK 1B OP PROGRAM WHICH INCLUDES CHANGES REQUIRED TO SUPPORT HARDWARE CHANGES INTRODUCED BY CLASS 1 ECP RMS-M15-0142.

Task/Abbreviation: K-71121-044- -SHIPALT LHD1-00450K - ACCOMP			MJC: WWSAK011		Rev Date: 5/31/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 62,856	ManDays: 881	Alt No: SALHD 00450 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-71121-44) SHIPALT LHD1-00450K, PHALANX SURFACE MODE UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00450K PHALANX SURFACE MODE UPGRADE, WHICH PROVIDES FOR THE UPGRADE OF MOUNTS 21 & 23 FOR MK 15 CIWS TO THE PHALANX SURFACE MODE (PSUM) CONFIGURATION. PSUM PROVIDES THE CAPABILITY FOR CIWS TO ENGAGE LOW/SLOW AIRCRAFT AND SURFACE TARGETS, AND ENHANCES SYSTEM ANTI-AIR WARFARE (AAW) PERFORMANCE. AN ELECTRO-OPTICAL (EO) TRACKING FEATURE IS ADDED VIA A THERMAL IMAGER AND STABILIZATION SYSTEM ON THE GUN MOUNT. MOUNT 22 WILL BE REMOVED. THIS ALTERATION APPLIES TO LHD 2, 3 & 4 ONLY. POC: MARK ROWE, JOHN.M.ROWE@NAVY.MIL,502-364-6598

Task/Abbreviation: O-71121-051- -ORDALT 72740 - ACCOMP			MJC: CXSAO385		Rev Date: 10/2/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 72740
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-71121-51) ORDALT 72740, BLOCK 1B OP PGM USN-B107, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 72740 (EQUIVALENT TO SCD 2740) WHICH IMPLEMENTS ECP RMS-M15-0140 WHICH IS THE INITIAL VERSION OF BLOCK 1B BASELINE 1 OPERATIONAL SOFTWARE. THIS ORDALT SUPPORTS THE IMPLEMENTATION OF AN ENGAGEMENT SIMULATOR CAPABILITY AS WELL AS OTHER BITE AND OPERATIONAL UPGRADES. THIS INSTALLS THE INITIAL VERSION OF BLOCK 1B BASELINE OPERATIONAL SOFTWARE. BLOCK 1B BASELINE 1 CONSISTS OF A NEW WEAPON CONTROL COMPUTER, THE LCP ELIMINATION UPGRADE, THE WEAPON NETWORK INTGERFACE AND A NEW PRINTER.. POC: STEVE DUNN, 703-872-3795, DUNNSL@NAVSEA.NAVY.MIL OR RICHARD KAE LIN, 502-364-6623, RICHARD.KAE LIN@NAVY.MIL OR DAVE DUTTON, 703-872-3504, DUTTONDB@NAVSEA.NAVY.MIL

Task/Abbreviation: K-71121-054- -ORDALT 70058K - ACCOMP**MJC:** EXSAKAN1**Rev Date:** 9/9/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:** OA 70058**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-71121-054) ORDALT 70058K,
CIWS CONVEYOR ELEMENT DESIGN, NOT
ACCOMPLISHEDACCOMPLISH ORDALT 70058 WHICH INSTALLS CONVEYOR
ELEMENTS P/N 6736615 WITH "CLOSED LOCATOR CONE" INTO BOTH
THE UPLOAD AND DOWNLOAD SIDE OF THE GAHS. THIS ORALT
IMPLEMENTS ECP RMS-M15-0155 WHICH REPLACES EXISTING "OPEN
LOCATING CONE" CONVEYOR ELEMENTS WITH "CLOSED LOCATING
CONE" ELEMENTS. POC: COOKIE PHILLIPS, 202-781-2185,
ERMA.PHILLIPS@NAVY.MIL OR PAMELA CLAYTON, 502-364-5348,
PAMELA.CLAYTON@NAVY.MIL OR JOSE CABRERA, 502-364-5544,
JOSE.CABRERA@NAVY.MIL OR RICHARD KAE LIN, 502-364-6623,
RICHARD.KAE LIN@NAVY.MIL.

Task/Abbreviation: O-71121-062- -ORDALT 73123 - ACCOMP**MJC:** EXSAO177**Rev Date:** 1/25/2007**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:** OA 73123**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-71121-62) ORDALT 73123, WINPASS 3.0
PROGRAM, NOT ACCOMPLISHEDACCOMPLISH ORDALT 73123 (EQUIVALENT TO SCD 3123) WHICH
INSTALLS THE WINPASS VERSION 3.0 RELEASE OF THE WINPASS
PROGRAM. IT IMPLEMENTS AN MSDD DOWNLOAD FUNCTION, A CPU
DOWNLOAD FUNCTION, AND AN ANTENNA DOWNLOAD FUNCTION.
THIS ELIMINATES THE DOS REBOOT REQUIREMENTS. WINPASS 3.0
ALSO IMPLEMENTS A TPSU EMULATION CAPABILITY AND
IMPLEMENTS A SINGLE PAGE COMMAND SUMMARY OF AN EVENT
SUCH AS A PAC FIRING, A TRACKING RUN OR A FIRING RUN. THE
SUPPLY SUPPORT DATABASE NOW RUNS FROM WINPASS 3.0 THUS
ELIMINATING ANOTHER DOS FUNCTION. ADDITIONAL CHANGES
IMPROVE THE DISPLAYS AND DATA COLLECTION AND REDUCTION
CAPABILITIES. POC: JOHN ZIRKEL, 732-323-4044,
JOHN.ZIRKEL@NAVY.MIL OR PAMELA CLAYTON (502) 364-5348,
PAMELA.CLAYTON@NAVY.MIL OR RICHARD KAE LIN, 502-364-6623,
RICHARD.KAE LIN@NAVY.MIL

Task/Abbreviation:		K-71121-086- -ORDALT 73901 K - ACCOMP		MJC:	EXSAKA60	Rev Date:	10/3/2011
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	1	Removal Required:	
Lvl of Maint:	1	Freq:	0	Equip/Task:	1	Matl Cost:	ManDays: 1
Referenced Authority:		Repair Pool:		MCC:		3	
Alt No:		OA 73901					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-71121-86) ORDALT 73901, PHALANX ENGAGEMENT SIMULATOR, NOT ACCOMPLISHED	AIT -ACCOMPLISH ORDALT 73901 WHICH ADDS A NEW VME PROCESSOR BOARD TO THE SYSTEM TO SUPPORT SIMULATED ENGAGEMENTS. POC: RICHARD KAEIN, 502-364-6623, RICHARD.KAEIN@NAVY.MIL OR DORIS FENNER, 202-781-4401, DORIS.FENNER

Task/Abbreviation: O-71121-090- -ORDALT 75411 - ACCOMP**MJC:** CXSAO949**Rev Date:** 6/6/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:** OA 75411**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-71121-90) ORDALT 75411, LCS COMMUNICATION
MODIFICATION, NOT ACCOMPLISHEDACCOMPLISH ORDALT 75411 WHICH MODIFIES THE CLOSE IN
WEAPONS SYSTEM (CIWS) BY REMOVING THE LOCAL CONTROL
STATION (LCS) COMMUNICATIONS HARDWARE MEDIA CONVERTER
P/N 7635978 AND TRANSITION ADAPTER CCA P/N 7635979 AND
REPLACING THEM WITH TRANSITION ADAPTER CCA P/N 8215153.
THIS ORDALT ENSURES AND IMPROVES COMMUNICATION BETWEEN
THE RCS AND LCS. POC: RICHARD Kaelin, 502-364-6623,
RICHARD.KAELIN@NAVY.MIL

Task/Abbreviation: O-71121-091- -ORDALT 76970 K - ACCOMP			MJC: EXSAO533		Rev Date: 9/30/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 76970
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-71121-91) ORDALT 76970K, BLOCK 1B/1 OP SOFTWARE B107A, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 76970K WHICH INSTALLS OPERATIONAL AND BITE UPGRADES REQUIRED FOR PROPER OPERATION OF CIWS BLOCK 1B BASELINE 1. POC: PAMELA CLAYTON, 502-364-5348, PAMELA.CLAYTON@NAVY.MIL OR RICHARD KAE LIN, 502-364-6623, RICHARD.KAE LIN@NAVY.MIL

Task/Abbreviation: I-71121-093- -MK15 CIWS BLK 1B- A5Y0 OR A5Y2			MJC: CXCIDA4		Rev Date: 8/8/2011
RCM Analysis: 7/7/2008	Scheduled: Y	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 48	Equip/Task: 1	Matl Cost:	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-71121-093)THE MK-15 CIWS BLOCK 1B REQUIRES ASSESSMENT.	ACCOMPLISH THE MK-15 CIWS BLOCK 1B ASSESSMENT IN ACCORDANCE WITH MRC A5Y0 OR A5Y2 (FFG ONLY) AS FOLLOWS : 1. PERFORM MK-15 CLOSE IN WEAPONS SYSTEM MATERIAL CONDITION INSPECTION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-71121-095- -ORDALT 76556 - ACCOMP				MJC: CXSAOA55	Rev Date: 11/19/2008
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 76556
Referenced Authority:	Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-71121-95) ORDALT 76556, RCS COAX ETHERNET ELIMINATION, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 76556 WHICH REMOVES THE OLD REPEATER ASSY P/N 7485585 AND REPLACES IT WITH REPEATER ASSY PART NUMBER 8215304. IT ALSO REPLACES COAXIAL CABLING AND TEE CONNECTIONS BETWEEN THE NEW REPEATER ASSY AND THE X-TERMINAL WITH ETHERNET CABLING. THIS ORDALT ENSURES COMMUNICATION BETWEEN THE CIWS LCS AND RCS. POC: RICHARD KAE LIN, 502-364-6623, RICHARD.KAE LIN@NAVY.MIL

Task/Abbreviation: O-71121-096- -ORDALT 77500 - ACCOMP			MJC: CXSAOA70		Rev Date: 12/17/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 77500
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-71121-96) ORDALT 77500, RECEIVER DOOR, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 77500 WHICH INSTALLS A MODIFIED RECEIVER DOOR THAT IMPROVES AIR FLOW AND COOLING WITHIN THE MICROWAVE RECEIVER ASSEMBLY. POC: RICHARD KAEIN, 502-364-6623, RICHARD.KAEIN@NAVY.MIL

Task/Abbreviation: O-71121-097- -ORDALT 73245 - ACCOMP			MJC: CXSAOA74		Rev Date: 12/23/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 73245
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-71121-97) ORDALT 73245, PASS INTERFACE CCA MOD, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 73245 WHICH MODIFIES THE CIWS MSDD PASS INTERFACE CCA BY ADDING A RESISTOR NETWORK THAT PREVENTS NOISE FROM CORRUPTING DATA DURING MSDD WRAP AROUND TESTING. THIS PREVENTS FALSE SOT1 FAILURES. POC: RICHARD KAE LIN, 502-364-6623, RICHARD.KAE LIN@NAVY.MIL

Task/Abbreviation: K-71121-101- -ORDALT 78221K - ACCOMP			MJC: EXSAKAB2		Rev Date: 9/19/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 6	Alt No: OA 78221K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	SA 78221K BLOCK 1B/2 RADAR UPGRADE, NOT ACCOMPLISHED	AIT INSTALLATION. ACCOMPLISH ORDALT 78221K WHICH REPLACES THE EXISTING SIGNAL GENERATOR, TARGET DETECTION PROCESSOR, RADAR PROCESSOR AND MIXER WITH A NEW SIGNAL PROCESSOR, SIGNAL SOURCE, AND MIXER. THE FIRST LOCAL OSCILLATOR WILL BE REPLACED AND SOME ELECTRONICS ENCLOSURE WIRING WILL BE CHANGED. A NEW SEARCH ANTENNA REPLACES THE EXISTING ANTENNA WHICH IS TILTED DOWN 4.5 DEGREES FOR IMPROVED PERFORMANCE AGAINST SEA SKIMMING TARGETS. POC: RICHARD KAEIN, 502-364-6623, RICHARD.KAEIN@NAVY.MIL

Task/Abbreviation: K-71121-107- -ORDALT 79524 - ACCOMP**MJC:** EXSAKAD9**Rev Date:** 9/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:** OA 79524 K**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

OA 79524 B1B/2 OP PGM USN-B211, NOT
ACCOMPLISHEDAIT INSTALLATION CAPABLE. ACCOMPLISH OA 79524 WHICH
CORRECTS PROBLEMS WITH PHALANX BLOCK 1B BASELINE 2
USN-B211 SOFTWARE UPGRADE THAT OCCURRED AS A RESULT OF
DIFFERENCES BETWEEN ENGINEERING HARDWARE AND
PRODUCTION HARDWARE THAT APPEARED DURING THE
TRANSITION OF THE NEW BASELINE 2 SYSTEMS INTO THE FLEET IN
DECEMBER 2009. THE MAJORITY OF THE CORRECTIONS ARE
RELATED TO MAINTENANCE SELF-TESTS AND CORRECTS AN
INTERMITTENT BREAK ENGAGE COMMAND, REPORTED DURING
INSTALLATION ABOARD THE EARLY SHIPS. THE ERRONEOUS BREAK
ENGAGE COMMAND RESULTED WHEN A COMMUNICATIONS LOOP
PICKED UP INCORRECT DATA. ADDITIONAL FIXES TO LESS
SIGNIFICANT ERRORS ARE INCORPORATED IN ORDER TO MAINTAIN
COMPATIBILITY WITH PRIOR CIWS OPERATIONAL SOFTWARE
RELEASES. ALSO INCLUDED IS AN UPDATE TO THE PHALANX
ENGAGEMENT SIMULATOR. POC: RICHARD KAE LIN, 502-364-6623,
RICHARD.KAE LIN@NAVY.MIL.

Task/Abbreviation:		K-71121-108- -SHIPALT LHD1-00450K 01- ACCOMP		MJC:	WXSAK024	Rev Date:	4/14/2011				
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	1	Removal Required:					
Lvl of Maint:	1	Freq:	0	Equip/Task:	1	Matl Cost:	62,856	ManDays:	881	Alt No:	SALHD 00450 K
Referenced Authority:		Repair Pool:		MCC:				3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-71121-108) SHIPALT LHD1-00450K INCR 01, PHALANX SURFACE MODE UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00450K INCR 01 PHALANX SURFACE MODE UPGRADE, WHICH REMOVES MOUNT 22. UPGRADES TO MOUNTS 21 & 23 FOR MK 15 CIWS THE PHALANX SURFACE MODE (PSUM) CONFIGURATION WILL BE ACCOMPLISHED BY LHD1-00450K INCR 2. APPLIES TO LHD 1 ONLY. POC: MARK ROWE, JOHN.M.ROWE@NAVY.MIL,502-364-6598

Task/Abbreviation: K-71121-109- -SHIPALT LHD1-00450K 02- ACCOMP			MJC: WXSAK025		Rev Date: 10/29/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 62,856	ManDays: 881	Alt No: SALHD 00450 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-71121-109) SHIPALT LHD1-00450K INCR 02, PHALANX SURFACE MODE UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-00450K INCR 02 PHALANX SURFACE MODE UPGRADE WHICH PROVIDES FOR THE UPGRADE OF MOUNTS 21 & 23 FOR MK 15 CIWS TO THE PHALANX SURFACE MODE (PSUM) CONFIGURATION. PSUM PROVIDES THE CAPABILITY FOR CIWS TO ENGAGE LOW/SLOW AIRCRAFT AND SURFACE TARGETS, AND ENHANCES SYSTEM ANTI-AIR WARFARE (AAW) PERFORMANCE. AN ELECTRO-OPTICAL (EO) TRACKING FEATURE IS ADDED VIA A THERMAL IMAGER AND STABILIZATION SYSTEM ON THE GUN MOUNT. MOUNT 22 WAS REMOVED BY LHD1 00450K INCR 01. THIS ALTERATION APPLIES TO LHD 1 ONLY. POC: MARK ROWE, JOHN.M.ROWE@NAVY.MIL,502-364-6598

Task/Abbreviation: K-71121-112- -ORDALT 79686 K - ACCOMP			MJC: EXSAKAN9		Rev Date: 9/20/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 73901
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-71121-112) ORDALT 79686, CIWS BLK 1B NEXT GEN COMBAT SYS INTERFACE, NOT ACCOMPLISHED	AIT -ACCOMPLISH ORDALT 79686 TO SUPPORT AMPHIBIOUS IMPROVEMENT PROGRAM (AIP) INITIATIVES FOR FUTURE COMBAT SYSTEMS INTEGRATION OF CIWS 1B BASELINE 2. THIS CHANGE REQUIRES THE FOLLOWING CIWS SCDS 10190, TCU ETHERNET CCA, SCD 10141, TCU ETHERNET WIRING, SCD 9843, B212 OP PROGRAM. TYCOM POC IS CARAMICO,GEORGE,COMMANDER NAVAL SURFACE FORCE, US LANT FLT, 7578363329, GEORGE.CARAMICO@NAVY.MIL. PARM POC IS STEVE BROWN, (703) 872-3572, STEPHEN.E.BROWN2@NAVY.MIL

Task/Abbreviation: K-71121-113- -ORDALT 79843 K - ACCOMP			MJC: EXSAKAO0		Rev Date: 9/20/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 73901
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-71121-113) ORDALT 79843, CIWS USN-B212 BLOCK 1B BASELINE 2, NOT ACCOMPLISHED	AIT -ACCOMPLISH ORDALT 79843 TO SUPPORT ENC FIRMWARE AS A COMPONENT OF THE CIWS OPERATIONAL SOFTWARE, USN-B212 TO SUPPORT A LINK WITH SSDS MK 2 MOD 5C. CONJUNCTIVE WITH CIWS SCDS 10141 (TEST CONTROL UNIT, ETHERNET WIRING CHANGE), 9686 (BLOCK 1B NEXGEN COMBAT SYSTEMS INTERFACE), AND AFTER SCD 10190 (TEST CONTROL UNIT, ETHERNET CCA CHANGE. PARM POC IS STEVE BROWN, (703) 872-3572, STEPHEN.E.BROWN2@NAVY.MIL

Task/Abbreviation: K-71121-114- -OA 80141K TCU WIRING- ACCOMP			MJC: EXSAKAO1		Rev Date: 9/20/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 73901
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-71121-114) OA 80141 - CIWS 1B B/L 2 TCU ETHERNET WIRING, NOT ACCOMPLISHED	AIT -ACCOMPLISH ORDALT 80141 WHICH MODIFIES WIRING WITHIN THE CIWS BLOCK 1B MK 20 MODS 1 ELECTRONICS ENCLOSURE (ELX) FOR THE BLOCK 1B BASELINE 1 AND 1B BASELINE 2 CONFIGURATIONS. HSI POC: MICHELLE CLOSE, 502-364-6762. TECHNICAL POC: JEFF NIEDERT, 502-364-6750

Task/Abbreviation: K-71121-115- -OA 80190 K - TCU CCA ACCOMP			MJC: EXSAKAO2		Rev Date: 9/20/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 73901
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-71121-114) ORDALT 80190 - TCU ETHERNET CCA, NOT ACCOMPLISHED	AIT -ACCOMPLISH ORDALT 80190 WHICH REPLACES EXISTING ADDRESS REGISTER CCA, P/N 5188129, IN THE CIWS SERVO INTERFACE/TEST CONTROL UNIT WITH AN UPGRADED ADDRESS REGISTER CCA, P/N 8355281. CHANGE MUST BE ACCOMPLISHED PRIOR TO OR CONJUNCTIVE WITH CIWS SCDAS 10141 AND 9686. TECHNICAL POC IS JEFF NIEDERT, (502-364-6750, EMAIL JEFFREY.NIEDERT@NAVY.MIL, PARM POC IS STEVE BROWN, (703) 872-3572, STEPHEN.E.BROWN2@NAVY.MIL

Task/Abbreviation: I-71121-A01- -MK 16 CIWS - MRC GERM**MJC:** EXECIKD6**Rev Date:** 3/21/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:****Matl Cost:****ManDays:** 0**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-71121-A01)CIWS REQUIRES ASSESSMENT.

ACCOMP MRC GERM: 1. CLEAN, INSPECT, AND LUBRICATE BOLTS AND REMOVABLE TRACKS. 2. CLEAN AND PRESERVE GUN BORE CLEAR CONTACT. 3. PERFORM POST-MAINTENANCE CHECKOUT. 4. TEST GUN MAINTENANCE CLEAR FUNCTION. OFF SHIP ASSESSORS PERFORM ASSESS STEPS ONLY. NOTE: DURING PERFORMANCE OF MAINTENANCE ON GUN AND AMMUNITION HANDLING SYSTEM IF ANY SUSPECT OR ACTUAL DAMAGE IS ENCOUNTERED, REPAIR CAPABILITY AND ASSISTANCE IS AVAILABLE THROUGH THE CERTIFIED CIWS INTERMEDIATE LEVEL GAHS SHOPS AT NORFOLK NAVAL SHIPYARD AND IMF, SERMC (MAYPORT), SWRMC (SAN DIEGO), IMF PEARL HARBOR NAVAL SHIPYARD, IMF PUGET SOUND NAVAL SHIPYARD EVERETT DETACHMENT AND SHIP REPAIR FACILITY YOKOSUKA JAPAN FOR THE US NAVY. REPORT CONDITIONS FOUND TO SHIP'S CSM P. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 6 4) IAW NAVSEAINST 4790.8B

Task/Abbreviation: I-71121-A02- -MK 16 CIWS - MRC A5X9 OR A5Y1**MJC:** EXECIKJ3**Rev Date:** 8/8/2011**RCM Analysis:** 12/3/2007**Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 24**Equip/Task:** 1**Matl Cost:** 3,000**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-71121-A02)THE MK-16 CIWS REQUIRES ASSESSMENT.

ACCOMP MRC AX59 (CG/DDG/LHD/LSD/LPD) OR A5Y1 (FFG) 1. PERFORM SYSTEM OPERABILITY TESTS (SOTS), PERIODIC SYSTEM OPERABILITY TESTS (PSOTS), AND (FITS) FAULT ISOLATION TESTS. 2. VERIFY ENVIRONMENTAL CONTROL GROUP (ECG)AND WAVEGUIDE AIR DRYER SYSTEM (WADS) PERFORMANCE. 3. PERFORM SYSTEM RADAR TIMING (PSOT 18). 4. VERIFY TRANSMITTER OUTPUT PULSE AND POWER OUT. 5. CALIBRATE TRANSMITTER FORWARD AND BACK POWER. 6. CHECK/ADJUST RADAR RF PHASE AND GAIN. 7. PERFORM PSOT 13 AND PSOT 14. 8. VERIFY PROPER SEARCH ANTENNA MOTOR OPERATION. 9. VERIFY PROPER OPERATION OF MOUNT ELEVATION SERVO AND TRACK ANTENNA SERVOS. 10. VERIFY PQM OPERATION. 11. CHECK POWER SUPPLY RIPPLE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B NOTE: RECOMMEND ACCOMPLISHMENT 90 DAYS PRIOR TO DEPLOYMENT.

Task/Abbreviation: I-72111-001- -MK 29 GMLS (NSSMS) - INSP**MJC:** CXECI102**Rev Date:** 7/15/2010**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:**

BASELINE

Problem Description:(I-72111-001)THE MK 29 GUIDED MISSILE
LAUNCHING SYSTEM (NSSMS) REQUIRES
INSPECTION**Recommended Solution:**VISUALLY INSPECT THE MK 29 GUIDED MISSILE LAUNCHING SYSTEM
OF THE NATO SEA SPARROW MISSILE SYSTEM (NSSMS) FOR
DETERIORATION, BONDING, GROUNDING, CORROSION, WIRING,
GAUGE CALIBRATION AND SYSTEM CABLES. OPERATIONALLY-TEST
SAFETY INTERLOCKS, EQUIPMENT PARAMETER AND SYSTEM
PARAMETER TO DETERMINE MATERIAL CONDITION. REPORT
CONDITIONS FOUND TO THE SHIP'S CSMP. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: Q-72111-002- -MK 132 NSSMS GML - REPL**MJC:** CXECQ076**Rev Date:** 7/15/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 5,000**ManDays:** 5400**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-72111-002)MK132 LAUNCHER REQUIRES
REPLACEMENTREPLACE THE MK 132 GUIDED MISSILE LAUNCHER (NATO SEA
SPARROW) PER CONDITION ASSESSMENT RECOMMENDATIONS.
REMOVE THE LAUNCHER AND SHIP TO DESIGNATED REPAIR POINT
(DRP) FOR REPAIRS OR RESTORATION. REINSTALL THE LAUNCHER.
PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF
COMBAT SYSTEM TESTING. NOTE: 1. CRANE SERVICES REQUIRED.
2. NAVSEA FUNDS LAUNCHER REPAIR AT DRP AND SHIPPING TO
SHIP. 3. SHIPYARD TO PERFORM INSPECTION AND REPAIR OF
NSSMS BASE RING CONCURRENT WITH LAUNCHER REMOVAL.

Task/Abbreviation: O-72111-040- -ORDALT 16776 - ACCOMP				MJC: CXSAO088		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No: OA 16776	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-40) ORDALT 16776, TRANSORB RECONFIGURATION, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 16776 TO RAM GMLS MK 49 MOD 0/1 WHICH RECONFIGURES FILTER ASSY, ELECTRICAL (RFI) TO PLACE THE TRANSORBS IN A LINE-TO-LINE (DIFFERENTIAL) CONNECTION OF EACH PHASE VICE LINE-TO-CHASSIS. NOTE: AIT IS NSWG PHD, POC IS JOSEPH DOMITROVICH, CODE 4Y43, 805-228-8033.

Task/Abbreviation: O-72111-048- -ORDALT 16750 - ACCOMP			MJC: CXSAO087		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No: OA 16750	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-48) ORDALT 16750, REPLACE WCP MOUNTING BRACKET, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 16750 TO MK 31 RAM WHICH REPLACES WCP MOUNTING BRACKET ONLY - TO ACCOMODATE NEW DESIGN OF REPLACEMENT DISPLAY. VERIFY DISPLAY BRACKET (P/N 729033) AND CAUTION LABEL (P/N 493836-14) ARE INSTALLED. NOTE: AIT IS NSWG PHD, POC IS JOSEPH DOMITROVICH, CODE 4Y43, 805-228-8033.

Task/Abbreviation: I-72111-051- -MK 29 MOD 1 GMLS - MRC FCNG**MJC:** CXECIA23**Rev Date:** 2/23/2011**RCM Analysis:** 2/7/2005**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-72111-051)THE MK 29 MOD 1 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 8 MOD 1 MAINTENANCE-INTERCONNECTION CABINET REQUIRES ASSESSMENT.

ACCOMPLISH THE MK 29 MOD 1 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 8 MOD 1 MAINTENANCE-INTERCONNECTION CABINET ASSESSMENT IN ACCORDANCE WITH MRC FCNG AS FOLLOWS: 1. PERFORM MIC LAMP TEST. 2. PERFORM GMLS BIT OFF-LINE TEST (LOCAL MODE). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-72111-052- -MK 29 MOD 1 GMLS - MRC FCNH			MJC: CXCIA24		Rev Date: 2/23/2011
RCM Analysis: 2/7/2005	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-72111-052)THE MK 29 MOD 1 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 109 MOD 0 (UNIT 25) DECK CONTROL UNIT REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 29 MOD 1 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 109 MOD 0 (UNIT 25) DECK CONTROL UNIT ASSESSMENT IN ACCORDANCE WITH MRC FCNH AS FOLLOWS: 1. TEST GMLS DECK CONTROL UNIT MODE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-72111-053- -MK 29 MOD 1 GMLS - MRC FCNL			MJC: CXCIA25		Rev Date: 2/23/2011					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 2	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-72111-053)THE MK 29 MOD 1 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 132 MOD 1 (UNIT 20) GUIDED MISSILE LAUNCHER (GML) REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 29 MOD 1 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 132 MOD 1 (UNIT 20) GUIDED MISSILE LAUNCHER (GML) ASSESSMENT IN ACCORDANCE WITH MRC FCNL AS FOLLOWS: 1. TEST GMLS NO-FIRE CUTOUT ZONE LIMITS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-72111-054- -MK 29 MOD 1 GMLS - MRC FCNM				MJC: CXCIA26		Rev Date: 2/23/2011					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-72111-054)THE GMLS MK 29 MOD 1 GUIDED MISSILE LAUNCHING SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE GMLS MK 29 MOD 1 GUIDED MISSILE LAUNCHING SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC FCNM AS FOLLOWS: 1. TEST INADVERTENT FIRING BRAKE ACTUATOR MODULE (IFBAM). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-72111-057- -MK 29 MOD 1 GMLS - MRC FGQC			MJC: CXCIA29		Rev Date: 2/23/2011					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 2	Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-72111-057)THE MK 29 MOD 1 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 132 MOD 1 (UNIT 20) GUIDED MISSILE LAUNCHER (GML) REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 29 MOD 1 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 132 MOD 1 (UNIT 20) GUIDED MISSILE LAUNCHER (GML) ASSESSMENT IN ACCORDANCE WITH MRC FGQC AS FOLLOWS: 1. TEST ELEVATION AND TRAIN MOTORS BRAKE HOLDING TORQUE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Date: 7-Oct-11

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Task/Abbreviation: I-72111-059- -MK 29 MOD 3 GMLS - MRC FVHA

MJC: CXECIA31

Rev Date: 2/23/2011

RCM Analysis: 8/2/2004

Scheduled: N

Sit Reqs:

Qty: 2

Removal Required:

Lvl of Maint: 3

Freq: 0

Equip/Task: 1

Matl Cost:

ManDays: 1

Alt No:

Referenced Authority:

Repair Pool:

MCC: 3

Reason:

Problem Description:

Recommended Solution:

BASELINE

(I-72111-059)THE MK 29 MOD 3 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 132 MOD 1 (UNIT 20) GUIDED MISSILE LAUNCHER (GML) REQUIRES ASSESSMENT.

ACCOMPLISH THE MK 29 MOD 3 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 132 MOD 1 (UNIT 20) GUIDED MISSILE LAUNCHER (GML) ASSESSMENT IN ACCORDANCE WITH MRC FVHA AS FOLLOWS: 1. TEST GMLS NO-FIRE CUTOUT ZONE LIMITS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-72111-063- -MK 29 MOD 3 GMLS - MRC FVGW**MJC:** EXECICU7**Rev Date:** 2/23/2011**RCM Analysis:** 2/7/2005**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-72111-063)THE MK 29 MOD 3 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 109 MOD 0 UNIT 25 DECK CONTROL UNIT REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE MK 29 MOD 3 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 109 MOD 0 UNIT 25 DECK CONTROL UNIT ASSESSMENT IN ACCORDANCE WITH MRC FVGW AS FOLLOWS: 1. TEST LAUNCHER INTERLOCKS. 2. TEST GMLS DECK CONTROL UNIT MODE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-72111-065- -MK 29 MOD 3 GMLS - MRC FVGR**MJC:** EXECICU9**Rev Date:** 2/23/2011**RCM Analysis:** 8/2/2004**Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-72111-065)THE MK 29 MOD 3 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 8 MOD 2 MAINTENANCE-INTERCONNECTING CABINET (MIC) REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE MK 29 MOD 3 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 8 MOD 2 MAINTENANCE-INTERCONNECTING CABINET (MIC) ASSESSMENT IN ACCORDANCE WITH MRC FVGR AS FOLLOWS: 1. PERFORM MIC LAMP TEST. 2. PERFORM GMLS BIT OFF-LINE TEST. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-72111-066- -MK 29 MOD 1 GMLS - MRC N1U4			MJC: CXCIBQ0		Rev Date: 2/23/2011						
RCM Analysis: 12/11/2006		Scheduled: Y		Sit Reqs:		Qty: 2	Removal Required:				
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 2	Alt No:		
Referenced Authority:			Repair Pool:			MCC: 3					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-72111-066)THE MK 29 MOD 1 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 132 MOD 1 GUIDED MISSILE LAUNCHER (GML) REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 29 MOD 1 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 132 MOD 1 GUIDED MISSILE LAUNCHER (GML) ASSESSMENT IN ACCORDANCE WITH MRC N1U4 AS FOLLOWS: 1. CONDUCT PRELIMINARY MATERIAL INSPECTION OF LAUNCHER. 2. PERFORM MISSILE LAUNCHER ASSESSMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-72111-081- -ORDALT 16840 - ACCOMP				MJC: EXOAO001		Rev Date: 10/11/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 3		Alt No: OA 16840	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-81) ORDALT 16840, TRAIN HEATER REDESIGN, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 16840 WHICH INSTALLS THE TRAIN HEATER REDESIGN TO PREVENT WATER LEAKAGE THROUGH THE ACCESS HOLES FOR THE TRAIN HEATER CONTROL THERMOSTAT, WHICH HAS CAUSED EXTENSIVE CORROSION FOR THE MK 144 MODS 0 & 1; RAM MK 31 MODS 0 & 1. THIS CHANGE ALSO DELETES CURRENT TRAIN PLATFORM ASSEMBLY, 5492319, AND ADDS THE NEW TRAIN PLATFORM ASSEMBLY, 6980812.

Task/Abbreviation: O-72111-082- -ORDALT 16865 - ACCOMP				MJC: EXOAO002		Rev Date: 10/11/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 1		Alt No: OA 16865	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-82) ORDALT 16865, IMPL GREASE FITTINGS IN MK19/0, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 16865 WHICH IMPROVES THE MK 19 MOD 0 LOADER TROLLEY SLIDING CHARACTERISTICS.

Task/Abbreviation: O-72111-083- -ORDALT 16866 - ACCOMP				MJC: EXOAO003		Rev Date: 10/11/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 1		Alt No: OA 16866	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-83) ORDALT 16866, ADD WEATHER PROOFING TO DSLC, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 16866 WHICH ADDS CORROSION PROTECTION FOR THE MK 144 MODS 0 & 1; RAM MK 31 MODS 0 & 1 BY ADDING WEATHER PROOFING TO THE DSLC JUNCTION BOX 90 DEGREE CONNECTOR. POC: PATRICIA SALDANA 805-228-8131, PATTY.SALDANA@NAVY.MIL.

Task/Abbreviation: O-72111-084- -ORDALT 16885 - ACCOMP				MJC: EXOAO004		Rev Date: 10/11/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 1		Alt No: OA 16885	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-84) ORDALT 16885, CABLES CHAFING AGAINST STUB, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 16885 WHICH ADDS A MOUNTING BRACKET RISER TO RAISE THE LEVEL OF CABLES INSIDE THE RIGHT TRUNNION INSIDE STUB SHAFT AREA FOR THE MK 144 MODS 0 & 1; RAM MK 31 MODS 0, 1 & 3.

Task/Abbreviation: O-72111-085- -ORDALT 16887 - ACCOMP				MJC: EXOAO005		Rev Date: 10/11/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays: 1		Alt No: OA 16887	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-85) ORDALT 16887, HEATER TERMINAL BOARD COVER, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 16887 WHICH PREVENTS WATER LEAKAGE ON THE TRAIN HEATER TERMINAL WHICH CAUSES SHORT CIRCUITS ON THE 115 VAC TERMINALS OF THE MK 144 MODS 0-2 GUIDED MISSILE LAUNCHER; RAM MK 31 MODS 0-3.

Task/Abbreviation: O-72111-086- -ORDALT 16892 - ACCOMP			MJC: EXOAO006		Rev Date: 10/11/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 1	Alt No: OA 16892
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-86) ORDALT 16892, CORRECT LSMU SQUIB FIRING CIR, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 16892 WHICH RESTORES PARTIAL OR MISSING MISSILE SQUIB FIRING VOLTAGE DURING SIMULATED MISSILE FIRING. THE LAUNCHER SWITCHING MULTIPLEX UNIT (LSMU) SOLID STATE RELAY (SSR) SQUIB CIRCUIT DOES NOT PROVIDE SUFFICIENT TURN-ON VOLTAGE OF 4V MINIMUM ACROSS THE SSR, LIMITING DIODE TURN-ON CURRENT. NAVSEA HAS DIRECTED RAM GMLS TO ADD A DISTRIBUTION STATEMENT F TO ALL RAM GMLS UNIQUE RELEASED DOCUMENTATION PER THE CONTRACT.

Task/Abbreviation: O-72111-087- -ORDALT 16893 - ACCOMP			MJC: EXOAO007		Rev Date: 10/11/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 1	Alt No: OA 16893
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-87) ORDALT 16893, LOADER ERECT/GMRP CHAIN HOISTS, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 16893 WHICH SPECIFIES A SECOND HOIST TO BE USED ONLY FOR ERECTING THE LOADER, DEVELOPS A NEW SPECIFICATION CONTROL DRAWING TO REPLACE HOIST DRAWING 6569584, REQUIRES THE HOISTS TO BE PAINTED IN ACCORDANCE WITH WEAPON SPECIFICATION 33226, AND ADDS HOOK DIMENSIONAL REQUIREMENT TO THE MK 19 MOD 0 LOADER.

Task/Abbreviation: O-72111-088- -ORDALT 16808 - ACCOMP				MJC: WXS AO002		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 38		Alt No: OA 16808	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-88) ORDALT 16808, RAM MK 31 MOD 3 UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 16808 WHICH REPLACES EXISTING SYSTEM HARDWARE WITH UPGRADED HARDWARE PERMITTING SYSTEM COMPATIBILITY FOR SIGNAL COMMUNICATION WITH AND LAUNCHING OF BLOCK 0, BLOCK 0B, BLOCK 1 AND BLOCK 1A RAM MISSILES.

Task/Abbreviation: K-72111-089- -SHIPALT LHD1-03157K - ACCOMP			MJC: WWSAK009		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 7,500	ManDays: 239	Alt No: SALHD 03157 K	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-72111-89) SHIPALT LHD1-03157K, RAM GMLS MK 49 MOD 3 O/A INSTL, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-03157K WHICH MODIFIES THE EXISTING RAM BLOCK 0 AND RAM BLOCK 1 (MK 49 MOD 0 AND MOD 1 GMLS) INSTALLATION. SHIPALT ACCOMPLISHES A MODIFICATION (ORDALT) TO THE MK 49 GMLS. ORDALT PROVIDES THE RAM GMWS THE CAPABILITY OF LAUNCHING RAM BLOCK 1 MISSILES THAT HAVE BEEN REPROGRAMMED TO ENGAGE HAS (HELO/AIRCRAFT/SURFACE) TARGETS. IT REMOVES FOR EACH OF TWO GMLS PER SHIP, ONE (1) WEAPON CONTROL PANEL (WCP), AND ONE (1) LAUNCH CONTROL INTERFACE UNIT (LCIU). MODIFY ONE (1) LAUNCHER SERVO CONTROL UNIT (LSCU) AND INSTALLS TWO (2) NEW WCPs.

Task/Abbreviation: Q-72111-092- -MK 29 GMLS CELL RAIL-REPL			MJC: CXECQ266		Rev Date: 7/15/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 45,648	ManDays: 20	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-72111-092)MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) RAIL-TO-CELL CONNECTOR CORRODED.	REPLACE MK 29 GUIDED MISSILE LAUNCHING SYSTEM LAUNCHER CELL RAIL. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-72111-093- -MK 29 GMLS RAIL PINS-REPL			MJC: CEXECQ267		Rev Date: 7/15/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 350	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-72111-093)MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) RAIL-TO-CELL CONNECTOR PINS BENT.	REPLACE MK 29 GUIDED MISSILE LAUNCHING SYSTEM RAIL-TO-CELL CONNECTOR PINS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-72111-094- -MK 29 GMLS ELEV/TRAIN MOT-REPL			MJC: CXCQ268		Rev Date: 7/15/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 16,245	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-72111-094)MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER ELEVATION MOTOR/TRAIN MOTORS BRAKE HOLDING TORQUE FAILS.	REPLACE MK 29 GUIDED MISSILE LAUNCHING SYSTEM LAUNCHER ELEVATION MOTOR/TRAIN MOTORS. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-72111-095- -MK 29 GMLS RAIL LKG SHIM-REPL			MJC: CXCQ269		Rev Date: 7/15/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 456	ManDays: 2	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-72111-095)MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER RAIL-TO-CELL LOCKING MECHANISM SHIMS MISSING.	REPLACE MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER RAIL-TO-CELL LOCKING MECHANISM SHIMS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-72111-096- -MK 29 GMLS LCHR BOLTS-REPL				MJC: CXCQ270		Rev Date: 7/15/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 4		Freq: 0		Equip/Task: 1		Matl Cost: 400		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-72111-096)MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER SHOCK PLATFORM BOLTS AND BASE ARE SEVERELY CORRODED.	REPLACE MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER SHOCK PLATFORM BOLTS. REPAIR AND PRESERVE BASE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-72111-097- -MK 29 GMLS CKT CARD - REPL			MJC: CXECQ271		Rev Date: 7/15/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 7,582	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-72111-097)MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) HAS FAULTY CIRCUIT CARD ASSEMBLY (CCA).	REPAIR/REPLACE MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) HAS FAULTY CIRCUIT CARD ASSEMBLY (CCA). ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation:		Q-72111-098- -MK 29 GMLS DIGITAL INTFC-REPL		MJC:	CXECQ272	Rev Date:	7/15/2010				
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	2	Removal Required:					
Lvl of Maint:	4	Freq:	0	Equip/Task:	1	Matl Cost:	72,825	ManDays:	5	Alt No:	
Referenced Authority:		Repair Pool:		MCC:		3					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-72111-098)MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) DIGITAL INTERFACE UNIT FAILURE.	REPLACE MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) DIGITAL INTERFACE UNIT. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-72111-099- -MK 29 GMLS DCU CONN-REPL			MJC: CXECQ273		Rev Date: 7/15/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-72111-099)MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER DECK CONTROL UNIT AND DECK CONTROL CONNECTOR (DCU) SEVERELY CORRODED.	REPLACE MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER DECK CONTROL UNIT AND DECK CONTROL CONNECTOR (DCU). PERFORM CORROSION CONTROL. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-72111-100- -MK 29 GMLS DCU-REPL		MJC: CXECQ274	Rev Date: 7/15/2010		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 47,469	ManDays: 8	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-72111-100)MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER DECK CONTROL UNITS (DCU) FAULTY.	REPLACE MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER DECK CONTROL UNITS (DCU) . ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-72111-101- -MK 29 GMLS LCHR GND STRAP-REPL			MJC: CEXECQ275		Rev Date: 7/15/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 100	ManDays: 2	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-72111-101)MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER GROUND STRAP CORRODED/NOT CONNECTED.	REPLACE MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER GROUND STRAP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-72111-102- -MK 29 GMLS HOLDBCK MECH-REPL			MJC: CEXECQ276		Rev Date: 7/15/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost: 1,635	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-72111-102)MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER HOLDBACK MECHANISM DAMAGED.	REPLACE MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER HOLDBACK MECHANISM. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-72111-103- -MK 29 GMLS MIC LAMP-REPL			MJC: CXCQ277		Rev Date: 7/15/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-72111-103)MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MAINTENANCE INTERCONNING CABINET (MIC) HAS BURNT OUT LAMP.	REPLACE MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MAINTENANCE INTERCONNING CABINET (MIC) LAMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-72111-104- -MK 29 GMLS LOCKING PIN-ADJ		MJC: CXCQ278	Rev Date: 7/15/2010		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-72111-104)MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER LOCKING PIN MECHANISM OUT OF ADJUSTMENT.	ADJUST MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER LOCKING PIN MECHANISM TO < 1/16 INCH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-72111-105- -MK 29 LCHR ELEV/TRAIN MOT-REPL		MJC: CXECQ279	Rev Date: 7/15/2010		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 264	ManDays: 4	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-72111-105)MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER ELEVATION MOTOR/TRAIN MOTORS ARE FAULTY.	REPLACE MK 29 GUIDED MISSILE LAUNCHING SYSTEM LAUNCHER ELEVATION MOTOR/TRAIN MOTORS. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-72111-106- -MK 29 GMLS LCHR SWITCH-REPL				MJC: CXECQ280		Rev Date: 7/15/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 4		Freq: 0		Equip/Task: 1		Matl Cost: 120		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-72111-106)MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER HAS FAULTY SWITCH.	REPLACE MK 29 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) LAUNCHER SWITCH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: I-72111-108- -MK 31 MOD 3 RAM - INSP				MJC: CEXECICP7		Rev Date: 7/13/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-72111-108)THE MK 31 MOD 3 ROLLING AIRFRAME MISSILE (RAM) GUIDED MISSILE WEAPONS SYSTEM (GMWS) SYSTEM REQUIRES INSPECTION	INSPECT THE MK 31 MOD 3 ROLLING AIRFRAME MISSILE (RAM) GUIDED MISSILE WEAPONS SYSTEM (GMWS) SYSTEM. SUBMIT A COPY OF THE INSPECTION REPORT TO THE NAVAL SUPERVISING ACTIVITY. NOTE: 1. INSPECTION ARRANGED BY TYCOM PRIOR TO AVAILABILITY. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-72111-109- -MK 31 MOD 3 RAM HDLG EQPT-INSP			MJC: CXTYA037		Rev Date: 7/15/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-72111-109)THE MK 31 MOD 3 ROLLING AIRFRAME MISSILE (RAM) GUIDED MISSILE WEAPONS SYSTEM (GMWS) HANDLING EQUIPMENT REQUIRES INSPECTION	INSPECT AND TEST THE MK 31 MOD 3 ROLLING AIRFRAME MISSILE (RAM) GUIDED MISSILE WEAPONS SYSTEM (GMWS) HANDLING EQUIPMENT. SUBMIT A COPY OF THE INSPECTION REPORT TO THE NAVAL SUPERVISING ACTIVITY. NOTE: 1. INSPECTION ARRANGED BY TYCOM PRIOR TO AVAILABILITY. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-72111-110- -ORDALT 70874 - ACCOMP			MJC: WXS AO022		Rev Date: 5/31/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 70874
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-110) ORDALT 70874 - RAM MK 31 MOD 3 I/O CCA UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 70874 - RAM MK 31 MOD 3 I/O CCA UPGRADE WHICH REPLACES MK49 MOD 2/3 LAUNCHER INTERFACE CONTROL ASSEMBLY (LICA) CUSTOM I/O CCA BOARD 745595-003 WITH A REDESIGNED I/O CCA BOARD 7614167 AND 7614165. THE 7614167 AND 7614165 CCAS HAVE PULL DOWN RESISTORS ADDED TO CORRECT A CONCERN ON THE EC_OK AND IC/OK LINES. THE 7614165 ALSO HAS BEEN RELAYED OUT TO CORRECT ISSUES WITH THE PLACEMENT OF NOISE SUPPRESSION CAPACITORS ON THE WCP INTERFACE LINES. NO ADDED FUNDING IS REQUIRED BECAUSE FUNDING WAS INCLUDED IN ECP 5411-E-104. RE: ECP 5411-E-104 RFD 5482-D-030.

Task/Abbreviation: O-72111-111- -SWD 1 AN/SPS-73(V)12 - ACCOMP				MJC: EXSAO156		Rev Date: 6/23/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:		Alt No: SWD 1 SPS-73	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(O-72111-111) SWD 1 AN/SPS-73(V)12, SPS-73 VER 11.7 SOFTWARE UPGRRADE, NOT ACCOMPLISHED				ACCOMPLISH SWD 1 AN/SPS-73(V)12 WHICH UPGRRADE PREVIOUS VERSIONS OF SOFTWARE TO VERSION 11.7.					

Task/Abbreviation: O-72111-116- -SWD SW B/L 14.20 - ACCOMP				MJC: WXSAB025		Rev Date: 3/22/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 0		Alt No: SWD SW 14.20	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-116) SWD B/L 14.20 - RAM MK 31 MOD 3 SOFTWARE RAM 14.20, NOT ACCOMPLISHED	ACCOMPLISH SWD B/L 14.20 WHICH RAM MK 31 MOD 3 SOFTWARE 14.20. SOFTWARE BASELINE 14.20 CONTROLS THE RAM GUIDED MISSILE WEAPON SYSTEM MK 31 MOD 3 FOR ENGAGEMENT OF LOW FLYING AIR AND SURFACE TARGETS.

Task/Abbreviation: O-72111-118- -ORDALT 71690 - ACCOMP			MJC: WXS AO026		Rev Date: 8/30/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 71690
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-118) ORDALT 70874 - RAM MK 31 MOD 3 I/O CCA UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 70874 - RAM MK 31 MOD 3 I/O CCA UPGRADE WHICH REPLACES MK49 MOD 2/3 LAUNCHER INTERFACE CONTROL ASSEMBLY (LICA) CUSTOM I/O CCA BOARD 745595-003 WITH A REDESIGNED I/O CCA BOARD 7614167 AND 7614165. THE 7614167 AND 7614165 CCAS HAVE PULL DOWN RESISTORS ADDED TO CORRECT A CONCERN ON THE EC_OK AND IC/OK LINES. THE 7614165 ALSO HAS BEEN RELAYED OUT TO CORRECT ISSUES WITH THE PLACEMENT OF NOISE SUPPRESSION CAPACITORS ON THE WCP INTERFACE LINES. NO ADDED FUNDING IS REQUIRED BECAUSE FUNDING WAS INCLUDED IN ECP 5411-E-104. RE: ECP 5411-E-104 RFD 5482-D-030.

Task/Abbreviation: O-72111-119- -ORDALT 71706 - ACCOMP**MJC:** WXS AO034**Rev Date:** 11/9/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:** OA 71706**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-72111-119) ORDALT 71706, RAM MK 31 LOADER
GREASE FITTING, NOT ACCOMPLISHEDACCOMPLISH ORDALT 71706 WHICH ADDS A GREASE FITTING WHICH
WILL IMPROVE THE SLIDING CHARACTERISTICS OF THE TROLLEY.
THE NEW CHAIN HOIST REPLACES THE EXISTING CHAINHOIST DUE
TO OVERSTRESS CREATED WHEN ERECTING THE LOADER. CHG
INTRODUCES LEGACY OAs 16865 (LOADER GREASE FITTING) AND
16893 (ADD LEVER ARM CHAIN HOIST). BY INSTALLING BOTH THE
CHANGES TOGETHER ALLOWS FOR WEIGHT TEST CERTIFICATION
TO BE PERFORMED CONCURRENTLY AND REALIZES COST SAVINGS.
CHG IS AN INTERNAL EQUIPMENT MOD CHG AND HAS NO IMPACT
ON OTHER INTERFACES OR EQUIPMENTS. POC: PATRICIA SALDANA
805-228-8131, PATTY.SALDANA@NAVY.MIL.

Task/Abbreviation: O-72111-120- -ORDALT 72255 - ACCOMP			MJC: EXSAO181		Rev Date: 11/9/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 1	Alt No: OA 72255
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-120) ORDALT 72255, ADD WEATHER PROOFING TO DSLC, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 72255 WHICH CHANGE INSTALLS WEATHER PROOFING TO THE CONNECTOR ON THE DSLC OF THE RAM MK 49 MOD 1 GMLS. ADDING WEATHER PROOFING WILL INHIBIT CORROSION AND DECREASE MAINTENANCE COSTS. POC: PATRICIA SALDANA 805-228-8131, PATTY.SALDANA@NAVY.MIL.

Task/Abbreviation: O-72111-122- -ORDALT 71077- ACCOMP			MJC: WXS AO035		Rev Date: 1/30/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 71077
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-122) ORDALT 71077- RAM MK31 MOD 3 SW B/L 14.30, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 71077, WHICH UPDATES THE SOFTWARE OF THE RAM MK 31 MOD 3 WEAPON SYSTEM BY INCORPORATING SOFTWARE BASELINE (VERSION 14.30) INTO THE WEAPONS CONTROL PANEL (WCP) MK447 MOD 0, LSCU (LSCU) MK 201 MOD 2, AND THE LAUNCHER SWITCHING MULTIPLEX UNIT (LSMU) MK 203 MOD 1 MICROPROCESSORS. THIS CHANGE WILL BE ACCOMPLISHED ON ALL SHIPS WHERE RAM MOD 3 IS INSTALLED. POC: RANDY BEST, 703-872-3734, BESTRL@NAVSEA.NAVY.MIL.

Task/Abbreviation: O-72111-123- -ORDALT 72543 - ACCOMP			MJC: CXSAO704		Rev Date: 6/20/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No: OA 72543
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-123) ORDALT 72543, IMPROVE ELEVATION MANUAL DRIVE, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 72543 WHICH MODIFIES THE ELEVATION MANUAL DRIVE HOUSING OF THE RAM MK 144 MODS 0/1 GML. THE ELEVATION MANUAL DRIVE IS USED TO MANUALLY ELEVATE THE MK 144 GML DURING ROUTINE MAINTENANCE AND PRIOR TO DEPLOYMENT. FLEET FEEDBACK HAS INDICATED THIS ASSEMBLY CAN BIND DUE TO CORROSION PROHIBITING THE GML FROM BEING MANUALLY ELEVATED. EXCESSIVE SPUR GEAR WEAR ALSO IMPACTS MANUAL MOVEMENT OF THE LAUNCHER. THIS CHANGE ELIMINATES BINDING, REDUCES SYSTEM DOWNTIME, AND DECREASES MAINTENANCE COSTS. POC IS WERNER SCHARNETZKI, PH 805-228-8705, WERNER.SCHARNETZKI@NAVY.MIL

Task/Abbreviation: K-72111-124- -ORDALT 75228K - ACCOMP**MJC:** EXSAKAP3**Rev Date:** 9/29/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:** OA 75228**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-72111-124) ORDALT 75228K, RAM MK 19 MOD 0
LOADER UPGRADE, NOT ACCOMPLISHEDAIT ACCOMPLISH ORDALT 75228 WHICH REDESIGNS THE SHACKLE
ASSY OF THE RAM MK 19 MOD 0 LOADER WHICH IS A COMPONENT
OF THE RAM GUIDED MISSILE WEAPON SYSTEM (GMWS) MK 31 MOD
1/3 TO PROVIDE MINIMUM REQUIRED HOIST TRAVEL THAT ALLOWS
PROPER LOADING OF TOP (3) CELLS, INCORPORATES CHAIN SLING
WITH SHACKLE ASSY SO PROOF LOADING AND RECERTIFICATION
ACTIVITIES CAN BE PERFORMED AND REPLACES RIGGERS BEAM
CLAMP WITH AN ASSY THAT PREVENTS CHAIN SLING FROM
INTERFERING WITH ZERK FITTINGS ON TROLLEY ASSY. THIS CHG IS
AN INTERNAL EQUIPMENT MOD CHANGE TO THE LOADER AND HAS
NO IMPACT ON OTHER INTERFACES OR EQUIPMENTS. POC:
PATRICIA SALDANA 805-228-8131, PATTY.SALDANA@NAVY.MIL OR
WERNER SCHARNETZKI, 805-228-8705, WERNER
SCHARNETZKI@NAVY.MIL

Task/Abbreviation: O-72111-125- -ORDALT 71690 - ACCOMP			MJC: WXSAB040		Rev Date: 8/30/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 71690
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-125) ORDALT 70874 - RAM MK 31 MOD 3 I/O CCA UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 70874 - RAM MK 31 MOD 3 I/O CCA UPGRADE WHICH REPLACES MK49 MOD 2/3 LAUNCHER INTERFACE CONTROL ASSEMBLY (LICA) CUSTOM I/O CCA BOARD 745595-003 WITH A REDESIGNED I/O CCA BOARD 7614167 AND 7614165. THE 7614167 AND 7614165 CCAS HAVE PULL DOWN RESISTORS ADDED TO CORRECT A CONCERN ON THE EC_OK AND IC/OK LINES. THE 7614165 ALSO HAS BEEN RELAYED OUT TO CORRECT ISSUES WITH THE PLACEMENT OF NOISE SUPPRESSION CAPACITORS ON THE WCP INTERFACE LINES. NO ADDED FUNDING IS REQUIRED BECAUSE FUNDING WAS INCLUDED IN ECP 5411-E-104. RE: ECP 5411-E-104 RFD 5482-D-030.

Task/Abbreviation: O-72111-128- -ORDALT 71739 - ACCOMP			MJC: CXSAO788		Rev Date: 9/12/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: OA 71739
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-128) ORDALT 71739, RAM MK31 TRUN ARM MOUNT BRAC R, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 71739 - RAM MK31 TRUN ARM MOUNT BRAC R, WHICH CHANGE MODIFIES THE RAM GML MK 144 BY INTRODUCING A MOUNTING BRACKET SPACER TO RAISE THE LEVEL OF CABLES INSIDE THE RIGHT (STARBOARD SIDE) TRUNNION STUB SHAFT AREA TO PREVENT CABLE CHAFFING AND DAMAGE. SEALANT IS ALSO ADDED AROUND THE CIRCUMFERENCE BETWEEN THE COLLAR AND STUB SHAFT TO COMPLETELY SEAL THE INTERFACE ON BOTH STARBOARD AND PORT TRUNNION STUB SHAFT COMPARTMENTS. POC: D. BARNARD, 805-228-6511 AND/OR L. ORTIZ, 805-228-5121.

Task/Abbreviation: O-72111-131- -ORDALT 71793- ACCOMP			MJC: EXSAO251		Rev Date: 2/27/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No: OA 71793
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-72111-131) ORDALT 71793, HEATER TERMINAL BOARD COVER, NOT ACCOMPLISHED	ACCOMPLISH ORDALT 71793 WHICH PREVENTS WATER LEAKAGE ON THE TRAIN HEATER TERMINAL WHICH CAUSES SHORT CIRCUITS ON THE 115 VAC TERMINALS OF THE MK 144 MODS 0-2 GUIDED MISSILE LAUNCHER; RAM MK 31 MODS 0-3.

Task/Abbreviation: I-72111-225- -MK 29 MOD 3 GMLS - MRC A5D3**MJC:** EXECIIE3**Rev Date:** 2/23/2011**RCM Analysis:** 7/7/2008**Scheduled:** Y**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 3**Freq:** 24**Equip/Task:** 1**Matl Cost:****ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-72111-225)THE MK 29 MOD 3 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 132 MOD 1/2 GUIDED MISSILE LAUNCHER (GML) REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE MK 29 MOD 3 GUIDED MISSILE LAUNCHING SYSTEM (GMLS) MK 132 MOD 1/2 GUIDED MISSILE LAUNCHER (GML) ASSESSMENT IN ACCORDANCE WITH MRC A5D3 AS FOLLOWS: 1. CONDUCT PRELIMINARY MATERIAL INSPECTION OF LAUNCHER. 2. PERFORM MISSILE LAUNCHER ASSESSMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: O-72111-226- -ORDALT 76732 - ACCOMP**MJC:** EXSAO276**Rev Date:** 11/25/2008**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:****Alt No:** OA 76732**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-72111-226) ORDALT 76732 - RAM MK 31 MOD 3
POWER-ON ELECTRONIC UPGRADE (L-CLAS, NOT ACCOMPLISHED)

ACCOMPLISH ORDALT 76732 WHICH UPGRADES THE TWO ROLLING AIRFRAME MISSILE (RAM) MK 31 MOD 1 GUIDED MISSILE WEAPON SYSTEMS (GMWS) WEAPON CONTROL PANELS WITH AN INRUSH CURRENT LIMITER. PRODUCTION TESTING OF RAM GMLS MK 31 MOD 3 HAS REVEALED THE POTENTIAL FOR A FAILURE OF THE POWER ON ELECTRONICS MODULE DUE TO THE INRUSH CURRENT DRAWN DURING POWER-UP OF THE WCPS. IT CAN BE ENOUGH TO WELD TOGETHER THE CONTACTS IN THE RELAYS WITHIN THE MODULE. THE SYSTEM BECOMES UNRESPONSIVE TO THE OFF PUSHBUTTONS ON BOTH THE MAIN AND AUXILIARY WCPS AND PREVENT CASUALTY SWITCHOVER, RENDERING NORMAL SYSTEM TURN OFF IMPOSSIBLE. IT WILL ALSO CAUSE THE SWITCHOVER SYSTEM OPERABILITY TEST(SOT) TO FAIL. AN ENGINEERING SOLUTION HAS BEEN FOUND AS TO INSTALL AN INRUSH CURRENT LIMITER THAT WILL LIMIT THE SURGE CURRENT TO LESS THAN 13.5 A. THIS VALUE IS EASILY WITHIN THE 25 A SURGE LIMIT RECOMMENDED BY THE RELAY MANUFACTURER. POC: WERNER SCHARNETZKI, 805-228-8705, WERNER.SCHARNETZKI@NAVY.MIL

Task/Abbreviation: K-72111-231- -RAM MK 31 MOD 3 S/W UPGRADE**MJC:** EXSAKA00**Rev Date:** 5/2/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 0**Matl Cost:****ManDays:** 0**Alt No:** 79062**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

RAM MK 31 MOD 3 S/W UPGRADE NOT
ACCOMPLISHED

SCD UPDATES THE ROLLING AIRFRAME MISSILE (RAM) MK 31 MOD 3 GMWS SW BASELINE 14.35 TO BASELINE 15.10 BY ADDING THE CAPABILITY TO UTILIZE BLK 2 MISSILES. THIS SOFTWARE BASELINE WILL ALSO ADD THE CAPABILITY OF FUNCTIONING WITH THE RAM GMLS AFTER IT HAS BEEN UPGRADED TO TECH REFRESH, ALTHOUGH UPGRADE TO TECH REFRESH IS NOT REQUIRED. THIS SOFTWARE BASELINE WILL ALSO CORRECT SEVERAL MEDIUM AND LOW PRIORITY SOFTWARE DEFICIENCIES DISCOVERED DURING FLEET INTRODUCTION, TESTING AND INITIAL PRODUCTION. THE NEW SOFTWARE VERSION IS INSTALLED INTO THE WEAPONS CONTROL PANEL (WCP) MK 447 MOD 0, LAUNCHER SERVO CONTROL UNIT (LSCU) MK 201 MOD 2, AND THE LAUNCHER SWITCHING MULTIPLEX UNIT (LSMU) MK 203 MOD 1 OR MOD2. ALL RAM SOFTWARE IS CONTAINED IN THE FIRMWARE (EPROMS OR FLASH MEMORY). THE RAM OPERATIONAL SOFTWARE HAS BACKUPS THAT WILL BE STORED IN THE MK 69 MOD 2 MAINTENANCE ASSISTANCE MODULE (MAM) CABINET TO ASSIST IN TROUBLESHOOTING. WERNER SCHAMETZKI, 805-228-8705, WERNER.SCHAMETZKI@NAVY.MIL

Task/Abbreviation: I-72211-001- -WPN HDLG EQPT - TST				MJC: CXECI106		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: X		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-72211-001)THE WEAPONS HANDLING EQUIPMENT REQUIRES TESTING	TEST THE WEAPONS HANDLING EQUIPMENT IN ACCORDANCE WITH THE APPLICABLE TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. NOTE: 1. SHIP'S FORCE TO SUBMIT 4790.2K FOR EQUIPMENT WITH OUT-OF-DATE PERIODICITY. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-76111-013- -NIGHT VISION EQPT - MRC A1J4				MJC: CXCIBQ2		Rev Date: 7/16/2010					
RCM Analysis: 8/2/2004		Scheduled: Y		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 24		Equip/Task: 1		Matl Cost:		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-76111-013)THE NIGHT VISION EQUIPMENT REQUIRES ASSESSMENT.	ACCOMPLISH THE NIGHT VISION EQUIPMENT ASSESSMENT IN ACCORDANCE WITH MRC A1J4 AS FOLLOWS: 1. PERFORM MATERIAL INSPECTION AND OPERATIONAL TEST OF NIGHT VISION EQUIPMENT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-76111-014- -SMALL ARMS - MRC A1H9			MJC: CXECIBQ3		Rev Date: 7/16/2010					
RCM Analysis: 8/2/2004		Scheduled: Y		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 30		Equip/Task: 1		Matl Cost:		ManDays: 5	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-76111-014)THE SMALL ARMS REQUIRES ASSESSMENT	ACCOMPLISH THE SMALL ARMS ASSESSMENT IN ACCORDANCE WITH MRC A1H9. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-76111-015- -NIGHT VISION BATTERY-REPL		MJC: CXECQ301	Rev Date: 9/12/2006		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 323	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-76111-015)NIGHT VISION EQUIPMENT HAS DEFECTIVE BATTERY.	REPLACE BATTERY. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-76111-016- -NIGHT VISION IMAGE TUBE-REPL			MJC: CXECQ302		Rev Date: 9/12/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 3,105	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-76111-016)NIGHT VISION EQUIPMENT HAS DEFECTIVE IMAGE TUBE.	REPLACE IMAGE TUBE. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-76111-017- -NIGHT VISION SWITCH-REPL			MJC: CEXECQ303		Rev Date: 9/12/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 93	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-76111-017)NIGHT VISION EQUIPMENT HAS DEFECTIVE ON/OFF SWITCH.	REPLACE SWITCH. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-76111-018- -SMALL ARMS - REPL			MJC: CXCQ304		Rev Date: 8/16/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 1	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-76111-018)SMALL ARMS WEAPON INOPERATIVE.	REPAIR/REPLACE FAILED WEAPON. ACCOMPLISH A SATISFACTORY TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: K-76111-028- -SHIPALT LHD1-75604K - ACCOMP			MJC: WWSAK019		Rev Date: 2/19/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 10	Alt No: SALHD 75604 K
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-76111-28) SHIPALT LHD1-75604K, MK 38 MOD 2 SHIPALT FOR LHD, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-75604K WHICH ADDS TWO-AXIS STABILIZATION AND AN ON-MOUNT ELECTRO-OPTICAL SENSOR SUITE THAT INCLUDES A DAY COLOR CAMERA, A FLIR, AND AN EYE-SAFE LASER RANGE FINDER. THE SHIP CHANGE ALSO INCLUDES A REMOTE OPERATION CONSOLE WITH BALLISTIC COMPUTATION AND AUTO-TRACKING TO THE CURRENT MK 38 MOD 1 MGS. THIS CHANGE WILL ALLOW THE MOUNT TO BE OPERATED EITHER FROM A REMOTE LOCATION INSIDE THE SHIP OR MANUALLY AS A BACKUP. THE SYSTEM WEIGHT IS 1870# AND CAN BE MOUNTED IN PLACE OF THE MK 38 MOD 1 MGS. THE IMPROVED SYSTEM WILL INCORPORATE THE M242 CANNON DUAL-FEED CAPABILITY THAT ALLOWS TWO AMMUNITION TYPES TO BE ON-MOUNT AND WILL BE SELECTABLE FROM THE REMOTE OPERATION CONSOLE.

Task/Abbreviation: I-77211-001- -CAR AMMO HDLG EQPT - TST			MJC: CXECI110		Rev Date: 1/22/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-77211-001)THE AMMUNITION CARGO HANDLING AND STOWAGE EQUIPMENT REQUIRES TESTING	TEST THE AMMUNITION CARGO HANDLING AND STOWAGE EQUIPMENT IN ACCORDANCE WITH THE APPLICABLE TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. NOTE: SHIP'S FORCE TO SUBMIT A 4790.2K FOR EQUIPMENT WITH OUT-OF-DATE PERIODICITY. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-77221-002- -(M)CAR AMMO HDLG ELEV - LD TST**MJC:** CXECM001**Rev Date:** 9/11/2008**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 72**Equip/Task:** 1**Matl Cost:** 500**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-77221-002)NSTM REQUIREMENT DUE

ACCOMP SATISFACTORY LOAD-TEST OF THE NO. 1 WEAPONS HANDLING ELEVATOR IAW NSTM CH-772-5.2.9 & 772-5.4 AS FOLLOWS: A. INSPECT WIRE ROPES, SHEAVES, WIRE ROPE SOCKETS, BRAKE BANDS & LIMIT SWITCHES FOR GENERAL CONDITION. B. ACCOMP NO-LOAD TEST, CYCLE FOR 30 MINUTES. INSP SAFETY DEVICES & INDICATOR LIGHTS. TEST OPERATE ALL CONTROLS. C. ACCOMP STATIC LOAD TEST AT TWICE THE RATED LOAD WITH THE BRAKE APPLIED FOR 10 MINUTES. NO SLIPPAGE ALLOWED. D. ACCOMP DYNAMIC LOAD TEST AT 1.5 TIMES THE RATED LOAD FOR TWO COMPLETE CYCLES IN ALL SPEEDS. MONITOR ELECTRIC MOTOR FOR SIGNS OF OVERHEATING. APPLY BRAKE WITH LOAD TRAVELING IN DOWN DIRECTION; MAXIMUM ALLOWABLE SLIPPAGE: 3 FEET. E. ACCOMP RATED LOAD TEST. F. ACCOMP EMERGENCY RUN TEST FOR 1 COMPLETE CYCLE. INSP FOR PROPER OPERATION. G. INSP & TEST THE OVERSPEED GOVERNOR & KNURLED ROLLER ASSEMBLY. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-77221-003- -(M)CAR AMMO HDLG ELEV - ASSESS				MJC: EXECIHF8		Rev Date: 9/11/2008					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 18		Equip/Task: 1		Matl Cost:		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
NSTM CHAPTER 772-5.3 JFMM SECTION 8.4.1 GC:280000,MA:1300											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-77221-003)ASSESSMENT DUE				ASSESS THE CONDITION OF THE NO. 1 WEAPONS HANDLING ELEVATOR IAW 77221-3-126 (SYSTEM OPERABILITY TEST LEVEL III) EXCLUDING LOAD TESTS FOR GUIDANCE. A GENERAL REVIEW OF THE INTEGRATED LOGISTICS SUPPORT (ILS) DOCUMENTS (TECHNICAL MANUALS, APL, PMS) FOR DISCREPANCIES SHALL ALSO BE ACCOMPLISHED DURING THE ASSESSMENT. REPORT CONDITIONS FOUND TO THE NSA. NOTE: 1. SHIP'S FORCE TO SUBMIT A 4790.2K FOR EQUIPMENT WITH OUT-OF-DATE PERIODICITY. 2. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.					

Task/Abbreviation: I-77221-004- -(M)AMMO ELEV OVSP GOV - CAL			MJC: EXECM175		Rev Date: 9/11/2008
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 72	Equip/Task: 1	Matl Cost: 200	ManDays: 10	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-77221-004)NSTM REQUIREMENT DUE	CALIBRATE THE NO. 1 WEAPONS HANDLING ELEVATOR OVERSPEED GOVERNOR TRIP SPEED IAW NSTM 772-5.2.9 AND SG818-BQ-MMM-010 PARAGRAPH 6-3.2 . REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-77221-005- -CAR AMMO ELEV WIRE ROPE - REPL**MJC:** EXECQBH1**Rev Date:** 5/21/2003**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10,500**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:** N/A**MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-77221-005)WIRE ROPE REQUIRES
REPLACEMENT

REPLACE ELEVATOR HOISTING WIRE ROPES, BASED ON CONDITION ASSESSMENT, AS FOLLOWS: A. REMOVE EXISTING HOISTING WIRE ROPES. B. LUBRICATE EACH NEW HOISTING WIRE ROPE WITH MIL-SPEC LUBRICANT (MIL-G-18458) WORKING THE LUBRICANT INTO THE VALLEYS AND BETWEEN THE STRANDS USING SUFFICIENT LUBRICANT TO COAT THE OUTER WIRES. C. INSTALL NEW HOISTING WIRE ROPES ENSURING ROPES ARE TAUT, ALIGNED WITH PLATFORM SOCKETS AND WIND ONTO DRUMS PROPERLY. D. CONDUCT A NO LOAD TEST AND STATIC LOAD TEST USING SYSTEM OPERABILITY TESTS (SOT) LEVEL III PROCEDURES. NOTES: 1. HOIST WIRE ROPES ARE INDEPENDENT WIRE ROPE CORE (IWRC), UNCOATED, PRE-STRESSED, EXTRA IMPROVED PLOW STEEL 6 X 37 IN ACCORDANCE WITH FEDERAL SPECIFICATION RR-W-410. 2. SWAGED WIRE ROPE END FITTINGS ARE TO BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE DRAWINGS AND SHALL BE SWAGED AND TESTED IN ACCORDANCE WITH MIL-SPEC MIL-T-6117.

Task/Abbreviation: Q-77221-006- -CAR/WPN ELEV CRIT HOSE - REPL			MJC: EXECIC53		Rev Date: 12/16/2009	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty:	Removal Required:
Lvl of Maint: 2	Freq: 240	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265						

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-77221-006) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CARGO/WEAPON ELEVATOR CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.	REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CARGO/WEAPON ELEVATOR CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A. REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B. FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C. REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D. ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E. INSTALL A NEW IDENTIFICATION TAG. F. INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G. ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: I-77222-002- -(M)CAR AMMO HDLG ELEV - LD TST**MJC:** CXECM002**Rev Date:** 9/11/2008**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 72**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-77222-002)NSTM REQUIREMENT DUE

ACCOMP SATISFACTORY LOAD-TEST OF THE NO. 2 WEAPONS HANDLING ELEVATOR IAW NSTM CH-772-5.2.9 & 772-5.4 AS FOLLOWS: A. INSPECT WIRE ROPES, SHEAVES, WIRE ROPE SOCKETS, BRAKE BANDS & LIMIT SWITCHES FOR GENERAL CONDITION. B. ACCOMP NO-LOAD TEST, CYCLE FOR 30 MINUTES. INSP SAFETY DEVICES & INDICATOR LIGHTS. TEST OPERATE ALL CONTROLS. C. ACCOMP STATIC LOAD TEST AT TWICE THE RATED LOAD WITH THE BRAKE APPLIED FOR 10 MINUTES. NO SLIPPAGE ALLOWED. D. ACCOMP DYNAMIC LOAD TEST AT 1.5 TIMES THE RATED LOAD FOR TWO COMPLETE CYCLES IN ALL SPEEDS. MONITOR ELECTRIC MOTOR FOR SIGNS OF OVERHEATING. APPLY BRAKE WITH LOAD TRAVELING IN DOWN DIRECTION; MAXIMUM ALLOWABLE SLIPPAGE: 3 FEET. E. ACCOMP RATED LOAD TEST. F. ACCOMP EMERGENCY RUN TEST FOR 1 COMPLETE CYCLE. INSP FOR PROPER OPERATION. G. INSP & TEST THE OVERSPEED GOVERNOR & KNURLED ROLLER ASSEMBLY. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-77222-003- -(M)AMMO ELEV OVSP GOV - CAL			MJC: EXECM179		Rev Date: 9/11/2008
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 72	Equip/Task: 1	Matl Cost: 200	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-77222-003)NSTM REQUIREMENT DUE	CALIBRATE THE NO. 2 WEAPONS HANDLING ELEVATOR OVERSPEED GOVERNOR TRIP SPEED IAW NSTM 772-5.2.9 AND THE APPLICABLE TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-77222-005- -CAR AMMO ELEV WIRE ROPE - REPL**MJC:** EXECQBH2**Rev Date:** 5/21/2003**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10,500**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:** N/A**MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-77222-005)WIRE ROPE REQUIRES
REPLACEMENT

REPLACE ELEVATOR HOISTING WIRE ROPES, BASED ON CONDITION ASSESSMENT, AS FOLLOWS: A. REMOVE EXISTING HOISTING WIRE ROPES. B. LUBRICATE EACH NEW HOISTING WIRE ROPE WITH MIL-SPEC LUBRICANT (MIL-G-18458) WORKING THE LUBRICANT INTO THE VALLEYS AND BETWEEN THE STRANDS USING SUFFICIENT LUBRICANT TO COAT THE OUTER WIRES. C. INSTALL NEW HOISTING WIRE ROPES ENSURING ROPES ARE TAUT, ALIGNED WITH PLATFORM SOCKETS AND WIND ONTO DRUMS PROPERLY. D. CONDUCT A NO LOAD TEST AND STATIC LOAD TEST USING SYSTEM OPERABILITY TESTS (SOT) LEVEL III PROCEDURES. NOTES: 1. HOIST WIRE ROPES ARE INDEPENDENT WIRE ROPE CORE (IWRC), UNCOATED, PRE-STRESSED, EXTRA IMPROVED PLOW STEEL 6 X 37 IN ACCORDANCE WITH FEDERAL SPECIFICATION RR-W-410. 2. SWAGED WIRE ROPE END FITTINGS ARE TO BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE DRAWINGS AND SHALL BE SWAGED AND TESTED IN ACCORDANCE WITH MIL-SPEC MIL-T-6117.

Task/Abbreviation: Q-77222-006- -CAR/WPN ELEV CRIT HOSE - REPL			MJC: EXECIC54		Rev Date: 12/16/2009	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty:	Removal Required:
Lvl of Maint: 2	Freq: 240	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265						

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-77222-006) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CARGO/WEAPON ELEVATOR CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.	REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CARGO/WEAPON ELEVATOR CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A. REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B. FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C. REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D. ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E. INSTALL A NEW IDENTIFICATION TAG. F. INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G. ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: I-77222-033- -(M)CAR AMMO HDLG ELEV - ASSESS				MJC: EXECIIE0		Rev Date: 9/15/2008	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 18	Equip/Task: 1	Matl Cost:	ManDays: 10	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			
NSTM 772-5.3 JFMM SECTION 8.4.1 GC:280000,MA:1300							
Reason:	Problem Description:		Recommended Solution:				
BASELINE	(I-77221-004)ASSESSMENT DUE		ASSESS THE CONDITION OF THE NO. 2 WEAPONS HANDLING ELEVATOR IAW SYSTEM OPERABILITY TEST LEVEL III (EXCLUDING LOAD TESTS) FOR GUIDANCE. A GENERAL REVIEW OF THE INTEGRATED LOGISTICS SUPPORT (ILS) DOCUMENTS (TECHNICAL MANUALS, APL, PMS) FOR DISCREPANCIES SHALL ALSO BE ACCOMPLISHED DURING THE ASSESSMENT. REPORT CONDITIONS FOUND TO THE NSA. NOTE: 1. SHIP'S FORCE TO SUBMIT A 4790.2K FOR EQUIPMENT WITH OUT-OF-DATE PERIODICITY. 2. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B				

Task/Abbreviation: I-77223-002- -(M)CAR AMMO HDLG ELEV - LD TST**MJC:** CXECM004**Rev Date:** 9/15/2008**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 72**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-77223-002)NSTM REQUIREMENT DUE

ACCOMP SATISFACTORY LOAD-TEST OF THE NO. 3 WEAPONS HANDLING ELEVATOR IAW NSTM CH-772-5.2.9 & 772-5.4 AS FOLLOWS: A. INSPECT WIRE ROPES, SHEAVES, WIRE ROPE SOCKETS, BRAKE BANDS & LIMIT SWITCHES FOR GENERAL CONDITION. B. ACCOMP NO-LOAD TEST, CYCLE FOR 30 MINUTES. INSP SAFETY DEVICES & INDICATOR LIGHTS. TEST OPERATE ALL CONTROLS. C. ACCOMP STATIC LOAD TEST AT TWICE THE RATED LOAD WITH THE BRAKE APPLIED FOR 10 MINUTES. NO SLIPPAGE ALLOWED. D. ACCOMP DYNAMIC LOAD TEST AT 1.5 TIMES THE RATED LOAD FOR TWO COMPLETE CYCLES IN ALL SPEEDS. MONITOR ELECTRIC MOTOR FOR SIGNS OF OVERHEATING. APPLY BRAKE WITH LOAD TRAVELING IN DOWN DIRECTION; MAXIMUM ALLOWABLE SLIPPAGE: 3 FEET. E. ACCOMP RATED LOAD TEST. F. ACCOMP EMERGENCY RUN TEST FOR 1 COMPLETE CYCLE. INSP FOR PROPER OPERATION. G. INSP & TEST THE OVERSPEED GOVERNOR & KNURLED ROLLER ASSEMBLY. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-77223-003- -(M)AMMO ELEV OVSP GOV - CAL			MJC: EXECM180		Rev Date: 9/15/2008
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 72	Equip/Task: 1	Matl Cost:	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-77223-003)NSTM REQUIREMENT DUE	CALIBRATE THE NO. 3 WEAPONS HANDLING ELEVATOR OVERSPEED GOVERNOR TRIP SPEED IAW NSTM 772-5.2.9 AND THE APPLICABLE TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: Q-77223-005- -CAR AMMO ELEV WIRE ROPE - REPL**MJC:** EXECQBH3**Rev Date:** 5/21/2003**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10,500**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:** N/A**MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-77223-005)WIRE ROPE REQUIRES
REPLACEMENT

REPLACE ELEVATOR HOISTING WIRE ROPES, BASED ON CONDITION ASSESSMENT, AS FOLLOWS: A. REMOVE EXISTING HOISTING WIRE ROPES. B. LUBRICATE EACH NEW HOISTING WIRE ROPE WITH MIL-SPEC LUBRICANT (MIL-G-18458) WORKING THE LUBRICANT INTO THE VALLEYS AND BETWEEN THE STRANDS USING SUFFICIENT LUBRICANT TO COAT THE OUTER WIRES. C. INSTALL NEW HOISTING WIRE ROPES ENSURING ROPES ARE TAUT, ALIGNED WITH PLATFORM SOCKETS AND WIND ONTO DRUMS PROPERLY. D. CONDUCT A NO LOAD TEST AND STATIC LOAD TEST USING SYSTEM OPERABILITY TESTS (SOT) LEVEL III PROCEDURES. NOTES: 1. HOIST WIRE ROPES ARE INDEPENDENT WIRE ROPE CORE (IWRC), UNCOATED, PRE-STRESSED, EXTRA IMPROVED PLOW STEEL 6 X 37 IN ACCORDANCE WITH FEDERAL SPECIFICATION RR-W-410. 2. SWAGED WIRE ROPE END FITTINGS ARE TO BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE DRAWINGS AND SHALL BE SWAGED AND TESTED IN ACCORDANCE WITH MIL-SPEC MIL-T-6117.

Task/Abbreviation: Q-77223-006- -CAR/WPN ELEV CRIT HOSE - REPL			MJC: EXECIC55		Rev Date: 12/16/2009	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty:	Removal Required:
Lvl of Maint: 2	Freq: 240	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265						

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-77223-006) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CARGO/WEAPON ELEVATOR CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.	REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CARGO/WEAPON ELEVATOR CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A. REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B. FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C. REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D. ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E. INSTALL A NEW IDENTIFICATION TAG. F. INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G. ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: I-77223-032- -(M)CAR AMMO HDLG ELEV - ASSESS				MJC: CXCID99		Rev Date: 9/15/2008					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 18		Equip/Task: 1		Matl Cost:		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
NSTM 772-5.3 JFMM SECTION 8.4.1 GC:280000,MA:1300											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-77223-032)ASSESSMENT DUE				ASSESS THE CONDITION OF THE NO. 3 WEAPONS HANDLING ELEVATOR IAW SYSTEM OPERABILITY TEST LEVEL III (EXCLUDING LOAD TESTS) FOR GUIDANCE. A GENERAL REVIEW OF THE INTEGRATED LOGISTICS SUPPORT (ILS) DOCUMENTS (TECHNICAL MANUALS, APL, PMS) FOR DISCREPANCIES SHALL ALSO BE ACCOMPLISHED DURING THE ASSESSMENT. REPORT CONDITIONS FOUND TO THE NSA. NOTE: 1. SHIP'S FORCE TO SUBMIT A 4790.2K FOR EQUIPMENT WITH OUT-OF-DATE PERIODICITY. 2. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B					

Task/Abbreviation: I-77224-002- -(M)CAR AMMO HDLG ELEV - LD TST**MJC:** CXECM012**Rev Date:** 10/27/2008**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 72**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-77224-002)NSTM REQUIREMENT DUE

ACCOMP SATISFACTORY LOAD-TEST OF THE NO. 4 WEAPONS HANDLING ELEVATOR IAW NSTM CH-772-5.2.9 & 772-5.4 AS FOLLOWS: A. INSPECT WIRE ROPES, SHEAVES, WIRE ROPE SOCKETS, BRAKE BANDS & LIMIT SWITCHES FOR GENERAL CONDITION. B. ACCOMP NO-LOAD TEST, CYCLE FOR 30 MINUTES. INSP SAFETY DEVICES & INDICATOR LIGHTS. TEST OPERATE ALL CONTROLS. C. ACCOMP STATIC LOAD TEST AT TWICE THE RATED LOAD WITH THE BRAKE APPLIED FOR 10 MINUTES. NO SLIPPAGE ALLOWED. D. ACCOMP DYNAMIC LOAD TEST AT 1.5 TIMES THE RATED LOAD FOR TWO COMPLETE CYCLES IN ALL SPEEDS. MONITOR ELECTRIC MOTOR FOR SIGNS OF OVERHEATING. APPLY BRAKE WITH LOAD TRAVELING IN DOWN DIRECTION; MAXIMUM ALLOWABLE SLIPPAGE: 3 FEET. E. ACCOMP RATED LOAD TEST. F. ACCOMP EMERGENCY RUN TEST FOR 1 COMPLETE CYCLE. INSP FOR PROPER OPERATION. G. INSP & TEST THE OVERSPEED GOVERNOR & KNURLED ROLLER ASSEMBLY. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-77224-003- -(M)AMMO ELEV OVSP GOV - CAL				MJC: EXECM184		Rev Date: 4/6/2010					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 72		Equip/Task: 1		Matl Cost:		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
NSTM CH-772, PARA. 772-5.4.9 PARA. 772-5.2.9 GC:280000,MA:2400											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-77224-003)NSTM REQUIREMENT DUE				CALIBRATE THE NO. 4 WEAPONS HANDLING ELEVATOR OVERSPEED GOVERNOR TRIP SPEED IAW NSTM 772-5.2.9 AND THE APPLICABLE TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.					

Task/Abbreviation: Q-77224-005- -CAR AMMO ELEV WIRE ROPE - REPL**MJC:** EXECQBH4**Rev Date:** 5/21/2003**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10,500**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:** N/A**MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-77224-005)WIRE ROPE REQUIRES
REPLACEMENT

REPLACE ELEVATOR HOISTING WIRE ROPES, BASED ON CONDITION ASSESSMENT, AS FOLLOWS: A. REMOVE EXISTING HOISTING WIRE ROPES. B. LUBRICATE EACH NEW HOISTING WIRE ROPE WITH MIL-SPEC LUBRICANT (MIL-G-18458) WORKING THE LUBRICANT INTO THE VALLEYS AND BETWEEN THE STRANDS USING SUFFICIENT LUBRICANT TO COAT THE OUTER WIRES. C. INSTALL NEW HOISTING WIRE ROPES ENSURING ROPES ARE TAUT, ALIGNED WITH PLATFORM SOCKETS AND WIND ONTO DRUMS PROPERLY. D. CONDUCT A NO LOAD TEST AND STATIC LOAD TEST USING SYSTEM OPERABILITY TESTS (SOT) LEVEL III PROCEDURES. NOTES: 1. HOIST WIRE ROPES ARE INDEPENDENT WIRE ROPE CORE (IWRC), UNCOATED, PRE-STRESSED, EXTRA IMPROVED PLOW STEEL 6 X 37 IN ACCORDANCE WITH FEDERAL SPECIFICATION RR-W-410. 2. SWAGED WIRE ROPE END FITTINGS ARE TO BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE DRAWINGS AND SHALL BE SWAGED AND TESTED IN ACCORDANCE WITH MIL-SPEC MIL-T-6117.

Task/Abbreviation: Q-77224-006- -CAR/WPN ELEV CRIT HOSE - REPL			MJC: EXECIC56		Rev Date: 12/16/2009	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty:	Removal Required:
Lvl of Maint: 2	Freq: 240	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265						

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-77224-006) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CARGO/WEAPON ELEVATOR CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.	REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CARGO/WEAPON ELEVATOR CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A. REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B. FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C. REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D. ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E. INSTALL A NEW IDENTIFICATION TAG. F. INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G. ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: I-77224-031- -(M)CAR AMMO HDLG ELEV - ASSESS				MJC: CXCIDA0		Rev Date: 9/15/2008					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 18		Equip/Task: 1		Matl Cost:		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
NSTM 772-5.3 JFMM SECTION 8.4.1 GC:280000,MA:1300											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-77224-031)ASSESSMENT DUE				ASSESS THE CONDITION OF THE NO. 4 WEAPONS HANDLING ELEVATOR IAW SYSTEM OPERABILITY TEST LEVEL III (EXCLUDING LOAD TESTS) FOR GUIDANCE. A GENERAL REVIEW OF THE INTEGRATED LOGISTICS SUPPORT (ILS) DOCUMENTS (TECHNICAL MANUALS, APL, PMS) FOR DISCREPANCIES SHALL ALSO BE ACCOMPLISHED DURING THE ASSESSMENT. REPORT CONDITIONS FOUND TO THE NSA. NOTE: 1. SHIP'S FORCE TO SUBMIT A 4790.2K FOR EQUIPMENT WITH OUT-OF-DATE PERIODICITY. 2. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B					

Task/Abbreviation: I-77225-002- -(M)CAR AMMO HDLG ELEV - LD TST**MJC:** CXECM013**Rev Date:** 9/15/2008**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 72**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-77225-002)NSTM REQUIREMENT DUE

ACCOMP SATISFACTORY LOAD-TEST OF THE NO. 5 WEAPONS HANDLING ELEVATOR IAW NSTM CH-772-5.2.9 & 772-5.4 AS FOLLOWS: A. INSPECT WIRE ROPES, SHEAVES, WIRE ROPE SOCKETS, BRAKE BANDS & LIMIT SWITCHES FOR GENERAL CONDITION. B. ACCOMP NO-LOAD TEST, CYCLE FOR 30 MINUTES. INSP SAFETY DEVICES & INDICATOR LIGHTS. TEST OPERATE ALL CONTROLS. C. ACCOMP STATIC LOAD TEST AT TWICE THE RATED LOAD WITH THE BRAKE APPLIED FOR 10 MINUTES. NO SLIPPAGE ALLOWED. D. ACCOMP DYNAMIC LOAD TEST AT 1.5 TIMES THE RATED LOAD FOR TWO COMPLETE CYCLES IN ALL SPEEDS. MONITOR ELECTRIC MOTOR FOR SIGNS OF OVERHEATING. APPLY BRAKE WITH LOAD TRAVELING IN DOWN DIRECTION; MAXIMUM ALLOWABLE SLIPPAGE: 3 FEET. E. ACCOMP RATED LOAD TEST. F. ACCOMP EMERGENCY RUN TEST FOR 1 COMPLETE CYCLE. INSP FOR PROPER OPERATION. G. INSP & TEST THE OVERSPEED GOVERNOR & KNURLED ROLLER ASSEMBLY. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-77225-003- -(M)AMMO ELEV OVSP GOV - CAL				MJC: EXECM185		Rev Date: 4/6/2010					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 72		Equip/Task: 1		Matl Cost:		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
NSTM CH-772, PARA. 772-5.4.9 PARA. 772-5.2.9 GC:280000,MA:2400											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-77225-003)NSTM REQUIREMENT DUE				CALIBRATE THE NO. 5 WEAPONS HANDLING ELEVATOR OVERSPEED GOVERNOR TRIP SPEED IAW NSTM 772-5.2.9 AND THE APPLICABLE TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.					

Task/Abbreviation: Q-77225-005- -CAR AMMO ELEV WIRE ROPE - REPL**MJC:** EXECQBH5**Rev Date:** 5/21/2003**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10,500**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:** N/A**MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-77225-005)WIRE ROPE REQUIRES
REPLACEMENT

REPLACE ELEVATOR HOISTING WIRE ROPES, BASED ON CONDITION ASSESSMENT, AS FOLLOWS: A. REMOVE EXISTING HOISTING WIRE ROPES. B. LUBRICATE EACH NEW HOISTING WIRE ROPE WITH MIL-SPEC LUBRICANT (MIL-G-18458) WORKING THE LUBRICANT INTO THE VALLEYS AND BETWEEN THE STRANDS USING SUFFICIENT LUBRICANT TO COAT THE OUTER WIRES. C. INSTALL NEW HOISTING WIRE ROPES ENSURING ROPES ARE TAUT, ALIGNED WITH PLATFORM SOCKETS AND WIND ONTO DRUMS PROPERLY. D. CONDUCT A NO LOAD TEST AND STATIC LOAD TEST USING SYSTEM OPERABILITY TESTS (SOT) LEVEL III PROCEDURES. NOTES: 1. HOIST WIRE ROPES ARE INDEPENDENT WIRE ROPE CORE (IWRC), UNCOATED, PRE-STRESSED, EXTRA IMPROVED PLOW STEEL 6 X 37 IN ACCORDANCE WITH FEDERAL SPECIFICATION RR-W-410. 2. SWAGED WIRE ROPE END FITTINGS ARE TO BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE DRAWINGS AND SHALL BE SWAGED AND TESTED IN ACCORDANCE WITH MIL-SPEC MIL-T-6117.

Task/Abbreviation: Q-77225-006- -CAR/WPN ELEV CRIT HOSE - REPL			MJC: EXECIC57		Rev Date: 12/16/2009	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty:	Removal Required:
Lvl of Maint: 2	Freq: 240	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265						

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-77225-006) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CARGO/WEAPON ELEVATOR CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.	REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CARGO/WEAPON ELEVATOR CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A. REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B. FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C. REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D. ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E. INSTALL A NEW IDENTIFICATION TAG. F. INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G. ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: I-77225-031- -(M)CAR AMMO HDLG ELEV - ASSESS				MJC: CXCIDA1		Rev Date: 9/15/2008	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty: 1	Removal Required:	
Lvl of Maint: 3		Freq: 18	Equip/Task: 1	Matl Cost:	ManDays: 10	Alt No:	
Referenced Authority:			Repair Pool:		MCC: 3		
NSTM 772-5.3 JFMM SECTION 8.4.1 GC:280000,MA:1300							
Reason:		Problem Description:		Recommended Solution:			
BASELINE		(I-77225-031)ASSESSMENT DUE		ASSESS THE CONDITION OF THE NO. 5 WEAPONS HANDLING ELEVATOR IAW SYSTEM OPERABILITY TEST LEVEL III (EXCLUDING LOAD TESTS) FOR GUIDANCE. A GENERAL REVIEW OF THE INTEGRATED LOGISTICS SUPPORT (ILS) DOCUMENTS (TECHNICAL MANUALS, APL, PMS) FOR DISCREPANCIES SHALL ALSO BE ACCOMPLISHED DURING THE ASSESSMENT. REPORT CONDITIONS FOUND TO THE NSA. NOTE: 1. SHIP'S FORCE TO SUBMIT A 4790.2K FOR EQUIPMENT WITH OUT-OF-DATE PERIODICITY. 2. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B			

Task/Abbreviation: I-77226-002- -(M)CAR AMMO HDLG ELEV - LD TST**MJC:** CXECM014**Rev Date:** 9/21/2007**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 72**Equip/Task:** 1**Matl Cost:** 450**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-77226-002)NSTM REQUIREMENT DUE

ACCOMP SATISFACTORY LOAD-TEST OF THE NO. 6 WEAPONS HANDLING ELEVATOR IAW NSTM CH-772-5.2.9 & 772-5.4 AS FOLLOWS: A. INSPECT WIRE ROPES, SHEAVES, WIRE ROPE SOCKETS, BRAKE BANDS & LIMIT SWITCHES FOR GENERAL CONDITION. B. ACCOMP NO-LOAD TEST, CYCLE FOR 30 MINUTES. INSP SAFETY DEVICES & INDICATOR LIGHTS. TEST OPERATE ALL CONTROLS. C. ACCOMP STATIC LOAD TEST AT TWICE THE RATED LOAD WITH THE BRAKE APPLIED FOR 10 MINUTES. NO SLIPPAGE ALLOWED. D. ACCOMP DYNAMIC LOAD TEST AT 1.5 TIMES THE RATED LOAD FOR TWO COMPLETE CYCLES IN ALL SPEEDS. MONITOR ELECTRIC MOTOR FOR SIGNS OF OVERHEATING. APPLY BRAKE WITH LOAD TRAVELING IN DOWN DIRECTION; MAXIMUM ALLOWABLE SLIPPAGE: 3 FEET. E. ACCOMP RATED LOAD TEST. F. ACCOMP EMERGENCY RUN TEST FOR 1 COMPLETE CYCLE. INSP FOR PROPER OPERATION. G. INSP & TEST THE OVERSPEED GOVERNOR & KNURLED ROLLER ASSEMBLY. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-77226-003- -(M)AMMO ELEV OVSP GOV - CAL				MJC: EXECM186		Rev Date: 4/6/2010					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 72		Equip/Task: 1		Matl Cost:		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
NSTM CH-772, PARA. 772-5.4.9 PARA. 772-5.2.9 GC:280000,MA:2400											
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(I-77226-003)NSTM REQUIREMENT DUE				CALIBRATE THE NO. 6 WEAPONS HANDLING ELEVATOR OVERSPEED GOVERNOR TRIP SPEED IAW NSTM 772-5.2.9 AND THE APPLICABLE TECHNICAL MANUAL. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.					

Task/Abbreviation: Q-77226-005- -CAR AMMO ELEV WIRE ROPE - REPL**MJC:** EXECQBH6**Rev Date:** 5/21/2003**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 6**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10,500**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:** N/A**MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-77226-005)WIRE ROPE REQUIRES
REPLACEMENT

REPLACE ELEVATOR HOISTING WIRE ROPES, BASED ON CONDITION ASSESSMENT, AS FOLLOWS: A. REMOVE EXISTING HOISTING WIRE ROPES. B. LUBRICATE EACH NEW HOISTING WIRE ROPE WITH MIL-SPEC LUBRICANT (MIL-G-18458) WORKING THE LUBRICANT INTO THE VALLEYS AND BETWEEN THE STRANDS USING SUFFICIENT LUBRICANT TO COAT THE OUTER WIRES. C. INSTALL NEW HOISTING WIRE ROPES ENSURING ROPES ARE TAUT, ALIGNED WITH PLATFORM SOCKETS AND WIND ONTO DRUMS PROPERLY. D. CONDUCT A NO LOAD TEST AND STATIC LOAD TEST USING SYSTEM OPERABILITY TESTS (SOT) LEVEL III PROCEDURES. NOTES: 1. HOIST WIRE ROPES ARE INDEPENDENT WIRE ROPE CORE (IWRC), UNCOATED, PRE-STRESSED, EXTRA IMPROVED PLOW STEEL 6 X 37 IN ACCORDANCE WITH FEDERAL SPECIFICATION RR-W-410. 2. SWAGED WIRE ROPE END FITTINGS ARE TO BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE DRAWINGS AND SHALL BE SWAGED AND TESTED IN ACCORDANCE WITH MIL-SPEC MIL-T-6117.

Task/Abbreviation: Q-77226-006- -CAR/WPN ELEV CRIT HOSE - REPL**MJC:** EXECIC58**Rev Date:** 4/22/2010**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:****Removal Required:****Lvl of Maint:** 2**Freq:** 144**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2

NAVSEA CWP CRIT HOSE REPL PROG NAVSEA S6430-AE-TED-010 GC:700020,MA:2265

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(Q-77226-006) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CARGO/WEAPON ELEVATOR CRITICAL FLEXIBLE HOSE ASSEMBLY REQUIRES REPLACEMENT AS REQUIRED BY THE NAVSEA CUMBERSOME WORK PRACTICES (CWP) CRITICAL HOSE REPLACEMENT PROGRAM.

REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CARGO/WEAPON ELEVATOR CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AS FOLLOWS: A. REMOVE EXISTING FLEXIBLE HOSE ASSEMBLY. B. FABRICATE REPLACEMENT FLEXIBLE HOSE ASSEMBLY UTILIZING TEMPLATE SIZE AND CONFIGURATION FROM EXISTING SHIPBOARD CONDITIONS. C. REUSE EXISTING FITTINGS IF SERVICEABLE OR PROVIDE NEW FITTINGS. D. ACCOMPLISH A HYDROSTATIC TEST OF THE REPLACEMENT SYNTHETIC RUBBER FLEXIBLE HOSE ASSEMBLY. E. INSTALL A NEW IDENTIFICATION TAG. F. INSTALL THE REPLACEMENT CRITICAL FLEXIBLE HOSE ASSEMBLY. G. ACCOMPLISH AN OPERATIONAL TEST AT SYSTEM OPERATING PRESSURE.

Task/Abbreviation: I-77226-031- -(M)CAR AMMO HDLG ELEV - ASSESS				MJC: CXCIDA2		Rev Date: 9/15/2008	
RCM Analysis:		Scheduled: Y	Sit Reqs:		Qty: 1	Removal Required:	
Lvl of Maint: 3		Freq: 18	Equip/Task: 1	Matl Cost:	ManDays: 10	Alt No:	
Referenced Authority:			Repair Pool:		MCC: 3		
NSTM 772-5.3 JFMM SECTION 8.4.1 GC:280000,MA:1300							
Reason:		Problem Description:		Recommended Solution:			
BASELINE		(I-77226-031)ASSESSMENT DUE		ASSESS THE CONDITION OF THE NO. 6 WEAPONS HANDLING ELEVATOR IAW SYSTEM OPERABILITY TEST LEVEL III (EXCLUDING LOAD TESTS) FOR GUIDANCE. A GENERAL REVIEW OF THE INTEGRATED LOGISTICS SUPPORT (ILS) DOCUMENTS (TECHNICAL MANUALS, APL, PMS) FOR DISCREPANCIES SHALL ALSO BE ACCOMPLISHED DURING THE ASSESSMENT. REPORT CONDITIONS FOUND TO THE NSA. NOTE: 1. SHIP'S FORCE TO SUBMIT A 4790.2K FOR EQUIPMENT WITH OUT-OF-DATE PERIODICITY. 2. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B			

Task/Abbreviation: I-78211-001- -(M)WPN HDLG HOIST - LD TST**MJC:** CXECM009**Rev Date:** 1/26/2007**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** X**Removal Required:****Lvl of Maint:** 1**Freq:** 48**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-78211-001)NSTM REQUIREMENT DUE

IAW NSTM CH-700, PARA. 700-4.5.3.1, LOAD-TEST THE AIRCRAFT WEAPONS HANDLING HOISTS AS FOLLOWS: A. INSPECT COMPONENTS FOR GENERAL CONDITION. B. ACCOMPLISH A NO-LOAD TEST; CYCLE FOR 30 MINUTES. INSPECT SAFETY DEVICES AND INDICATOR LIGHTS. OPERATIONALLY-TEST ALL CONTROLS. C. ACCOMPLISH A STATIC LOAD TEST AT TWICE THE RATED LOAD WITH THE BRAKE APPLIED FOR 10 MINUTES.ALLOWABLE SLIPPAGE: NONE. D. ACCOMPLISH A DYNAMIC LOAD TEST AT 1-1/2 TIMES THE RATED LOAD FOR 2 COMPLETE CYCLES IN ALL SPEEDS. MONITOR ELECTRIC MOTOR FOR SIGNS OF OVERHEATING. APPLY BRAKE WITH LOAD TRAVELING IN DOWN DIRECTION. MAXIMUM ALLOWABLE SLIPPAGE: 3 FEET. E. ACCOMPLISH A RATED LOAD TEST. F. ACCOMPLISH AN EMERGENCY RUN TEST FOR 1 COMPLETE CYCLE. INSPECT FOR PROPER OPERATION. REPORT CONDITIONS FOUND TO THE NSA. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: K-78221-002- -SHIPALT LHD1-71563K - ACCOMP			MJC: EXSAK959		Rev Date: 7/22/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 0	Alt No: SA LHD1-71563K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-78221-2) SHIPALT LHD1-71563K, JOINT STRIKE FIGHTER(F-35) WEA 35) WEA, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71563K WHICH WILL INCREASE AIRCRAFT ARMAMENT EQUIPMENT (AAE) AND AVIATION WEAPONS SUPPORT EQUIPMENT (AWSE) STOWAGE CAPABILITY; EXPEDITE HANDLING, MAINTENANCE AND STOWAGE ACTIONS; INSTALL COMMON MUNITIONS BIT REPROGRAMMING (CMBRE) STATIONS THAT WILL PERMIT PROGRAMMING AND MINOR CONFIGURATION CHANGE TO 1760 TYPE WEAPONS OUTSIDE OF MAGAZINE AREAS; AND INCREASE THE FLIGHT DECK WEAPONS STAGING AREA. POC: HARRY SEARCH, 202-781-0842, HARRY.SEARCH@NAVY.MIL OR KEVIN DRISCOLL, 215-907-1403, KEVIN.DRISCOLL@NAVY.MIL.

Task/Abbreviation: K-78221-003- -SHIPALT LHD1-71743K - ACCOMP			MJC: EXSAK960		Rev Date: 7/23/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 0	Alt No: SA LHD1-71743K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-78221-3) SHIPALT LHD1-71743K, JSF DMRT/OMS INSTALLATION, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71743K WHICH CREATES THE NEW OFF BOARD MISSION SPACE (OMS) BY MODIFYING THE FOLLOWING 02 LEVEL SPACES FOR THE F-35 JOINT STRIKE FIGHTER (JSF) AIRCRAFT. THE DATA SYSTEMS REPAIR (DSR), MTACCS REPAIR AND MTACCS EDP ASSOCIATED EQUIPMENT WILL BE DELETED OR RELOCATED. THE DEPLOYABLE MISSION REHEARSAL TRAINER (DMRT) MIL-VAN WILL BE LOCATED IN THE AFT LHD HANGAR BAY UTILIZING EXISTING AV-8B VAN TRAYS. POC: HARRY SEARCH, 202-781-0842, HARRY.SEARCH@NAVY.MIL OR KEVIN DRISCOLL, 215-907-1403, KEVIN.DRISCOLL@NAVY.MIL.

Task/Abbreviation: K-78221-004- -SHIPALT LHD1-71836K - ACCOMP			MJC: EXSAK961		Rev Date: 7/26/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 0	Alt No: SA LHD1-71836K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-78221-4) SHIPALT LHD1-71836K, JOINT STRIKE FIGHTER AECM PREP, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LHD1-71836K WHICH REDESIGNATES THE PYROTECHNIC PREPARATION ROOM (1-89-1-Q) TO AIRBORNE EXPENDABLE COUNTERMEASURE (AECM) ROOM (1-89-1-M). MODIFY THE SPACE TO ACCOMMODATE HANDLING AND STOWAGE OF DECOYS AND FLARES. THE FOLLOWING MODS ARE REQUIRED: INSTALL MAGAZINE SPRINKLING SYSTEM AND HIGH TEMPERATURE ALARMS, INCREASE COMPARTMENT VENTILATION AND EXHAUST, INCREASE STOWAGE FOR AECM RACKS AND MAGAZINES, INSTALL AN AECM OVERBOARD DISPOSAL CHUTE & INSTALL A DEDICATED HVAC SYSTEM. POC: HARRY SEARCH, 202-781-0842, HARRY.SEARCH@NAVY.MIL OR KEVIN DRISCOLL, 215-907-1403, KEVIN.DRISCOLL@NAVY.MIL.

Task/Abbreviation: K-78600-001- -SHIPALT 6591 ACCOMP			MJC: EXSAK982		Rev Date: 3/17/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: SCD 76591
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	SCD 6591 HYDRAULIC COMPONENT TEST STANDS (HCTS) UPGRADE NOT ACCOMPLISHED	THIS UPGRADE WILL INTEGRATE A NEW CONTROL SYSTEM FOR THE A/F27T-10 HYDRAULIC COMPONENT TEST SET (HCTS) WITH STATE OF THE ART TECHNOLOGY THAT WILL IMPROVE RELIABILITY, ACCESSIBILITY, MAINTAINABILITY AND OPERATION. THE NEW CONTROL SYSTEM WAS DEVELOPED AS A PLUG AND PLAY TYPE KIT (P/N: 2029AS699-20) FOR FIELD INSTALLATION TO THE HCTS. THE KIT INCLUDES ALL THE NECESSARY COMPONENTS AND INSTRUCTIONS TO REPLACE THE DATA ACQUISITION SYSTEM (DACS) PROGRAM, CPU, MONITOR, KEYBOARD AND PRINTER WHICH HAVE BECOME OBSOLETE. THIS ALTERATION WILL ALLOW THE HCTS TO OPERATE ON A WINDOWS OPERATING SYSTEM.

Task/Abbreviation: R-86031-001- -DEPARTURE RPRT (TYC) - PROV				MJC: EXSYR047		Rev Date: 6/10/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 431		ManDays: 40		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86031-001)SUBMITTAL OF AN AVAILABILITY DEPARTURE REPORT IS REQUIRED AFTER THE AVAILABILITY.	PROVIDE AVAILABILITY DEPARTURE REPORT. SUBMIT REPORT NOT LATER THAN NINETY (90) DAYS AFTER DEPARTURE OF VESSEL FROM THE SHIPYARD. INCLUDE FINAL COST FOR EACH WORK ITEM IN THE REPORT GROUPED AND SUB-TOTALED IN THE FOLLOWING CATEGORIES: A. REPAIR ITEMS. B. "D" SHIPALTS. NOTE: THIS TASK IS ONLY APPLICABLE TO PUBLIC SECTOR AVAILABILITIES. FOR PRIVATE SECTOR AVAILABILITIES, THESE REQUIREMENTS WILL BE INVOKED BY NAVSEA CATEGORY 1 STANDARD ITEM 009-99 FOR EACH SOLICITATION. (TYCOM FUNDED)

Task/Abbreviation: R-86031-002- -DEPARTURE RPRT (NSSC) - PROV			MJC: EXSYR048		Rev Date: 6/10/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 43	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86031-002)SUBMITTAL OF AN AVAILABILITY DEPARTURE REPORT IS REQUIRED AFTER THE AVAILABILITY.	PROVIDE AVAILABILITY DEPARTURE REPORT. SUBMIT REPORT NOT LATER THAN NINETY (90) DAYS AFTER DEPARTURE OF VESSEL FROM THE SHIPYARD. INCLUDE FINAL COST FOR EACH WORK ITEM IN THE REPORT GROUPED AND SUB-TOTALED IN THE FOLLOWING CATEGORIES: A. REPAIR ITEMS. B. "K" SHIPALTS. NOTE: THIS TASK IS ONLY APPLICABLE TO PUBLIC SECTOR AVAILABILITIES. FOR PRIVATE SECTOR AVAILABILITIES, THESE REQUIREMENTS WILL BE INVOKED BY NAVSEA CATEGORY 1 STANDARD ITEM 009-99 FOR EACH SOLICITATION. (NAVSEA FUNDED)

Task/Abbreviation: R-86031-004- -AVLBL DATA - PROV				MJC: EXSYR109		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 136		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86031-004)COPIES OF AVAILABILITY RELATED DATA SHOULD BE PROVIDED TO THE SHIP AND THE PORT ENGINEER.	PROVIDE SHIP AND PORT ENGINEER WITH COPIES OF JOB ORDERS, TEST AND INSPECTION REPORT, CONDITION REPORTS, LAB REPORTS, MAINTENANCE, REPAIRS, REPLACEMENT, CHANGES, DRAWINGS AND MATERIAL ORDERS, ETC., WHICH HAVE BEEN ACCOMPLISHED BY THE SHIPYARD/CONTRACTOR DURING THE AVAILABILITY.

Task/Abbreviation: R-86071-002- -COMPT CLOSEOUT SCHED - PROV				MJC: EXSYR293		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost:		ManDays: 18		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86071-002)A COMPARTMENT CLOSEOUT SCHEDULE IS REQUIRED TO SUPPORT THE AVAILABILITY.	PROVIDE A COMPARTMENT CLOSEOUT SCHEDULE THAT CONTAINS THE FOLLOWING MINIMUM INFORMATION AND UPDATE THE SCHEDULE AS REQUIRED: A. LIST OF COMPARTMENTS WHERE WORK HAS BEEN OR REMAINS TO BE ACCOMPLISHED. B. DESCRIPTION OF THE WORK THAT REMAINS TO BE ACCOMPLISHED. C. IMPACT OF SHIP'S FORCE WORK. D. WHEN WORK IS TO BE COMPLETED. NOTE: FOR PRIVATE SECTOR AVAILABILITIES, THIS TASK IS ONLY APPLICABLE WHEN NAVSEA CATEGORY 1 STANDARD ITEM 009-81 IS NOT INVOKED AS PART OF THE SOLICITATION.

Task/Abbreviation: R-86111-003- -CS PLNG&ENGRG SVCE (TYC) -PROV**MJC:** EXSYR028**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 13,541**ManDays:** 125**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86111-003)COMBAT SYSTEMS ENGINEERING
AND TESTING SUPPORT SERVICES ARE REQUIRED
FOR THE AVAILABILITY.

PROVIDE AVAILABILITY COMBAT SYSTEMS PLANNING AND
ENGINEERING SERVICES TO ACCOMPLISH THE FOLLOWING:
DEVELOP TEST CONDUCT SCHEDULE FOR ALL REQD TESTS;
MANAGE SY/SF AVAIL TEST PROGRAM; CHAIR PERIODIC TEST TASK
GROUP MEETING'S WITH SF TO ENSURE COMPLIANCE WITH
TESTING MILESTONES; MAINTAIN TEST PROBLEM AND/OR
EQUIPMENT DISCREPANCY IDENTIFICATION AND RESOLUTION
STATUS; SCHEDULE GOVERNMENT TEST AND/OR CERT ACTIVITIES
ON TEST SEQUENCE NETWORKS; EVALUATE COMPLETED TEST
PROCEDURE DATA; PROVIDE COMPLETED TEST PROCEDURES TO
THE SHIP; PERFORM ALIGNMENT ADJUSTMENTS TO BRING ALL
ELEMENTS TO A COMMON REFERENCE; TRAM AND BENCHMARK
DATA SHALL BE ENGRAVED ON BRASS PLATES AND AFFIXED TO
THE APPLICABLE EQUIPMENT; PROVIDE COPIES OF ALIGNMENT
DATA TO THE SHIP AND NSWG, PORT HUENEME, CA. AT AVAIL
COMPLETION; PROVIDE NECESSARY SUPPORT SERVICES TO THE
FLEET COMBAT DIRECTION SYSTEMS SUPPORT ACTIVITY TEAM
DURING CONDUCT OF SYSTEM INTEGRATION TESTS; CONDUCT
COMBAT SYSTEM TESTING. NOTE: NOT REQD IF TASKS R-84111-3,
R-84421-1 AND R-84431-2 ARE AUTHORIZED. (TYCOM PORTION)

Task/Abbreviation: R-86111-004- -CS WTRFR ENGRG SVCE (TYC)-PROV			MJC: EXSYR032		Rev Date: 6/9/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 811	ManDays: 44	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86111-004)COMBAT SYSTEMS WATERFRONT ENGINEERING SUPPORT SERVICES ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE COMBAT SYSTEMS WATERFRONT ENGINEERING SERVICES IN SUPPORT OF REPAIR WORK ITEMS AND PROBLEM RESOLUTION. TYCOM FUNDED

Task/Abbreviation: R-86112-003- -CS PLNG&ENGRG SVCE (NSSC)-PROV**MJC:** EXSYR214**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 5,416**ManDays:** 50**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86112-003)COMBAT SYSTEMS ENGINEERING
AND TESTING SUPPORT SERVICES ARE REQUIRED
FOR THE AVAILABILITY.

PROVIDE AVAILABILITY COMBAT SYSTEMS PLANNING AND
ENGINEERING SERVICES TO ACCOMPLISH THE FOLLOWING:
DEVELOP TEST CONDUCT SCHEDULE FOR ALL REQD TESTS;
MANAGE SY/SF AVAIL TEST PROGRAM; CHAIR PERIODIC TEST TASK
GROUP MEETING'S WITH SF TO ENSURE COMPLIANCE WITH
TESTING MILESTONES; MAINTAIN TEST PROBLEM AND/OR
EQUIPMENT DISCREPANCY IDENTIFICATION AND RESOLUTION
STATUS; SCHEDULE GOVERNMENT TEST AND/OR CERT ACTIVITIES
ON TEST SEQUENCE NETWORKS; EVALUATE COMPLETED TEST
PROCEDURE DATA; PROVIDE COMPLETED TEST PROCEDURES TO
THE SHIP; PERFORM ALIGNMENT ADJUSTMENTS TO BRING ALL
ELEMENTS TO A COMMON REFERENCE; TRAM AND BENCHMARK
DATA SHALL BE ENGRAVED ON BRASS PLATES AND AFFIXED TO
THE APPLICABLE EQUIPMENT; PROVIDE COPIES OF ALIGNMENT
DATA TO THE SHIP AND NSWG, PORT HUENEME, CA. AT AVAIL
COMPLETION; PROVIDE NECESSARY SUPPORT SERVICES TO THE
FLEET COMBAT DIRECTION SYSTEMS SUPPORT ACTIVITY TEAM
DURING CONDUCT OF SYSTEM INTEGRATION TESTS; CONDUCT
COMBAT SYSTEM TESTING. NOTE: NOT REQD IF TASKS R-84111-4,
R-84421-2 AND R-84431-3 ARE AUTHORIZED. (NAVSEA PORTION)

Task/Abbreviation: R-86112-004- -CS WTRFR ENGRG SVCE(NSSC)-PROV				MJC: EXSYR216		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 324		ManDays: 18		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86112-004)COMBAT SYSTEMS WATERFRONT ENGINEERING SUPPORT SERVICES ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE COMBAT SYSTEMS WATERFRONT ENGINEERING SERVICES IN SUPPORT OF WORK ITEMS AND PROBLEM RESOLUTION. NAVSEA FUNDED

Task/Abbreviation: R-86113-001- -FULL CS ALIGN (TYC) - PERFORM		MJC: EXSYR034	Rev Date: 6/9/2009		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 2,546	ManDays: 39	Alt No:
Referenced Authority:	Repair Pool:	MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86113-001)ALIGNMENT OF THE ENTIRE COMBAT SYSTEMS IS REQUIRED.	FULL COMBAT SYSTEMS ALIGNMENT - PERFORM ALIGNMENT ADJUSTMENTS TO BRING ALL ELEMENTS OF THE SEARCH RADARS, SONAR, FIRE CONTROL RADARS, COMPUTERS, GYROS, STABLE ELEMENTS, GUNS, ASROC, MISSILE LAUNCHERS, UNDERWATER FIRE CONTROL SYSTEM AND TORPEDO LAUNCHERS TO A COMMON REFERENCE. ALIGNMENT CHECKS SHALL CONFORM WITH SW 225-AO-MMA-010/OP 762 AND THE APPLICABLE CLASS TOTAL SHIP ALIGNMENT DOCUMENTATION AND SHALL INCLUDE ROLLER PATH INCLINATION AND ELECTRICAL ZERO VALUES. ALL TRAM AND BENCH MARK DATA SHALL BE ENGRAVED ON BRASS PLATES AND AFFIXED TO THE APPLICABLE EQUIPMENT. PROVIDE A COMPLETE SET OF BATTERY ALIGNMENT DATA TO THE SHIP PRIOR TO AVAILABILITY COMPLETION. NOTES: 1. NEED FOR FULL COMBAT SYSTEMS ALIGNMENT IS TO BE DETERMINED BY A QUALIFIED ALIGNMENT AUTHORITY WITH THE CONCURRENCE OF PHD NSWC CODE 4850. 2. CONTACT SHIP TRAINING ALIGNMENT VERIFICATION (STAV) TEAM (RMC) OR PHD NSWC CODE 4850, FOR ASSISTANCE. (TYCOM PORTION)

Task/Abbreviation: R-86113-002- -FULL CS ALIGN (NSSC) - PERFORM**MJC:** EXSYR218**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 1,018**ManDays:** 16**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86113-002)ALIGNMENT OF THE ENTIRE COMBAT SYSTEMS IS REQUIRED.

FULL COMBAT SYSTEMS ALIGNMENT - PERFORM ALIGNMENT ADJUSTMENTS TO BRING ALL ELEMENTS OF THE SEARCH RADARS, SONAR, FIRE CONTROL RADARS, COMPUTERS, GYROS, STABLE ELEMENTS, GUNS, ASROC, MISSILE LAUNCHERS, UNDERWATER FIRE CONTROL SYSTEM AND TORPEDO LAUNCHERS TO A COMMON REFERENCE. ALIGNMENT CHECKS SHALL CONFORM WITH SW 225-AO-MMA-010/OP 762 AND THE APPLICABLE CLASS TOTAL SHIP ALIGNMENT DOCUMENTATION AND SHALL INCLUDE ROLLER PATH INCLINATION AND ELECTRICAL ZERO VALUES. ALL TRAM AND BENCH MARK DATA SHALL BE ENGRAVED ON BRASS PLATES AND AFFIXED TO THE APPLICABLE EQUIPMENT. PROVIDE A COMPLETE SET OF BATTERY ALIGNMENT DATA TO THE SHIP PRIOR TO AVAILABILITY COMPLETION. NOTES: 1. NEED FOR FULL COMBAT SYSTEMS ALIGNMENT IS TO BE DETERMINED BY A QUALIFIED ALIGNMENT AUTHORITY WITH THE CONCURRENCE OF PHD NSWC CODE 4850. 2. CONTACT SHIP TRAINING ALIGNMENT VERIFICATION (STAV) TEAM (RMC) OR PHD NSWC CODE 4850, FOR ASSISTANCE. (NAVSEA PORTION)

Task/Abbreviation:		R-86113-005- -RADHAZ CO ZONE CERT - ACCOMP		MJC:	EXSYR193	Rev Date:	6/9/2009
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	1	Removal Required:	
Lvl of Maint:	3	Freq:	0	Equip/Task:	1	Matl Cost:	
				ManDays:	3	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86113-005)NSTM REQUIREMENT DUE	ACCOMPLISH RADIATION HAZARD (RADHAZ) CUTOUT ZONE INSPECTION AND CERTIFICATION IN ACCORDANCE WITH REQUIREMENTS OF NAVSEAINST 9700.2. NOTE 1: THIS TASK WILL BE ACCOMPLISHED WHENEVER A SHIPALT HAS BEEN DONE WHICH AFFECTS THE RADHAZ ZONES OR IF IT HAS BEEN MORE THAN THREE YEARS SINCE THE LAST CERTIFICATION. NOTE 2: THE RADHAZ CUTOUT ZONE INSPECTION AND CERTIFICATION WILL BE DONE BY NAVAL SURFACE WARFARE CENTER, DAHLGREN DIVISION. NOTE 3: TASK R-86113-6 PROVIDES FOR SHIPYARD SUPPORT AND INDUSTRIAL ASSISTANCE DURING THE RADHAZ CUTOUT ZONE CERTIFICATION PROCESS. NOTE 4: THIS TASK IS NAVSEA FUNDED.

Task/Abbreviation: R-86113-006- -RADHAZ CO ZONE CERT-SPRT**MJC:** EXSYR310**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,100**ManDays:** 12**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86113-006)SY SUPPORT REQD FOR RADHAZ
CUTOUT ZONE CERT

SUPPORT RADHAZ CUTOUT ZONE CERTIFICATION PROCESS AS FOLLOWS: A. PROVIDE INDUSTRIAL ASSISTANCE TO NAVSURFWARCENDIV DAHLGREN DURING ACCOMPLISHMENT OF RADHAZ ZONE SHIPBOARD INSPECTION AS APPROVED BY THE NSA TO THE LIMIT OF FUNDS AUTHORIZED. PROVIDE () MANDAYS & \$() MATL. B. ACCOMPLISH ADDL SUPPORT IAW REQMTS OF NAVSEAINST 9700.2 TO TYPICALLY INCLUDE BUT NOT LIMITED TO THE FOLLOWING: (1) INSTALL ALL CUTOUT MECHANISMS IAW PRODUCTION SCHEDULES & PRESCRIBED PROCEDURES SPECIFIED IN OPNAVINST 8023.2C OR LATER. (2) PERFORM COMPLETE CHECKOUT TESTING OF RADHAZ CUTOUT ZONES FOR EACH TRAINABLE WEAPON & DIRECTOR. (3) PROVIDE SHIP DWGS REQD FOR ZONE DETERMINATION TO NAVSURFWARCENDIV DAHLGREN. (4) REPORT STATUS OF NAVSURFWARCENDIV DAHLGREN'S CERTIFICATION OF RADHAZ CUTOUT ZONE REQMTS DURING THE AVAILABILITY. NOTE 1: ACCOMPLISH IN CONJUNCTION WITH TASK R-86113-5. NOTE 2: WORK REQMTS IN PARA B WILL ONLY BE ACCOMPLISHED BY THIS TASK WHEN NO S/A'S HAVE BEEN DONE THAT AFFECT RADHAZ CUTOUT ZONES. WHEN A S/A HAS BEEN DONE THAT AFFECTS RADHAZ CUTOUT ZONES, WORK REQMTS IN PARA B SHOULD BE INCLUDED IN THE S/A WORK ITEM. NOTE 3: NAVSEA FUNDED.

Task/Abbreviation: R-86113-007- -P&FCO ZONE CERT - ACCOMP				MJC: EXSYR195		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86113-007)NSTM REQUIREMENT DUE	ACCOMPLISH POINTING AND FIRING CUTOUT (P&FCO) ZONE INSPECTION AND CERTIFICATION IN ACCORDANCE WITH REQUIREMENTS OF NAVSEAINST 9700.2. NOTE 1: THIS TASK WILL BE ACCOMPLISHED WHENEVER A SHIPALT HAS BEEN DONE WHICH AFFECTS THE P&FCO ZONES OR IF IT HAS BEEN MORE THAN THREE YEARS SINCE THE LAST CERTIFICATION. NOTE 2: THE P&FCO ZONE INSPECTION AND CERTIFICATION WILL BE DONE BY NAVAL SURFACE WARFARE CENTER, DAHLGREN DIVISION. NOTE 3: TASK R-86113-8 PROVIDES FOR SHIPYARD SUPPORT AND INDUSTRIAL ASSISTANCE DURING THE P&FCO ZONE CERTIFICATION PROCESS. NOTE 4: THIS TASK IS NAVSEA FUNDED.

Task/Abbreviation: R-86113-008- -P&FCO ZONE CERT - SPRT**MJC:** EXSYR164**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,100**ManDays:** 12**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86113-008)SY SUPPORT REQD FOR P&FCO ZONE CERT

SUPPORT P&FCO ZONE CERTIFICATION PROCESS AS FOLLOWS: A. PROVIDE INDUSTRIAL ASSISTANCE TO NAVSURFWARCENDIV DAHLGREN DURING ACCOMPLISHMENT OF P&FCO ZONE SHIPBOARD INSPECTION AS APPROVED BY THE NAVAL SUPERVISING ACTIVITY TO THE LIMIT OF FUNDS AUTHORIZED. PROVIDE () MANDAYS & \$() MATERIAL. B. ACCOMPLISH ADDITIONAL SUPPORT IAW REQMTS OF NAVSEAINST 9700.2 TO TYPICALLY INCLUDE BUT NOT LIMITED TO THE FOLLOWING: (1) INSTALL ALL CUTOUT MECHANISMS IAW PRODUCTION SCHEDULES & PRESCRIBED PROCEDURES SPECIFIED IN OPNAVINST 8023.2C OR LATER. (2) PERFORM COMPLETE CHECKOUT TESTING OF P&FCO ZONES FOR EACH TRAINABLE WEAPON & DIRECTOR. (3) PROVIDE SHIP DRAWINGS REQUIRED FOR ZONE DETERMINATION TO NAVSURFWARCENDIV DAHLGREN. (4) REPORT STATUS OF NAVSURFWARCENDIV DAHLGREN'S CERTIFICATION OF P&FCO ZONE REQMTS DURING THE AVAILABILITY. NOTE 1: ACCOMPLISH IN CONJUNCTION WITH TASK R-86113-7. NOTE 2: WORK REQMTS IN PARA B WILL ONLY BE ACCOMPLISHED BY THIS TASK WHEN NO S/A'S HAVE BEEN DONE THAT AFFECT P&FCO ZONES. WHEN A S/A HAS BEEN DONE THAT AFFECTS P&FCO ZONES, WORK REQMTS IN PARA B SHOULD BE INCLUDED IN THE S/A WORK ITEM. NOTE 3: TASK IS NAVSEA FUNDED.

Task/Abbreviation: R-86121-001- -WTRFR ENGRG SVCE (TYC) - PROV		MJC: EXSYR019	Rev Date: 6/9/2009		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 713	ManDays: 146	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86121-001)WATERFRONT ENGINEERING SUPPORT SERVICES ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE WATERFRONT ENGINEERING SERVICES TO RESOLVE TECHNICAL PROBLEMS IN SUPPORT OF TYCOM REPAIRS AND ALTERATIONS. TYCOM FUNDED.

Task/Abbreviation: R-86121-002- -NSY ENGRG SVCE (TYC) - PROV			MJC: EXSYR207		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 6,673	ManDays: 231	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86121-002)NAVAL SHIPYARD PLANNING, ENGINEERING, DESIGN, TESTING AND LOGISTICS SUPPORT SERVICES ARE REQUIRED FOR THE AVAILABILITY.	PROVIDE THE FOLLOWING ENGINEERING SERVICES, PAPER AND MATERIAL: A. MATERIAL PLANNING SERVICES. B. NECESSARY PRODUCTION ENGINEERING SERVICES. C. NECESSARY DESIGN DIVISION SERVICES. D. PLANNING AND ESTIMATING SERVICES. E. TEST WRITING SUPPORT SERVICES. F. PROVISIONING TECHNICAL DOCUMENTATION - PROVIDE DOCUMENTATION FOR SHIPYARD FURNISHED MATERIAL. NOTE: THIS TASK IS ONLY APPLICABLE TO PUBLIC SECTOR AVAILABILITIES. (TYCOM PORTION)

Task/Abbreviation: R-86121-003- -TP PREP/RVW/CERT (TYC) - PROV				MJC: EXSYR023		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 1,614		ManDays: 95		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86121-003)TESTING SUPPORT SERVICES ARE REQUIRED FOR THE AVAILABILITY.	PROVIDE TEST PROCEDURE PREPARATION, REVIEW AND CERTIFICATION FOR TYPE COMMANDER AUTHORIZED REPAIRS AND ALTERATIONS. TYCOM FUNDED

Task/Abbreviation: R-86122-001- -WTRFR ENGRG SVCE (NSSC) -PROV				MJC: EXSYR021		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 214		ManDays: 44		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86122-001)WATERFRONT ENGINEERING SUPPORT SERVICES ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE WATERFRONT ENGINEERING SERVICES TO RESOLVE TECHNICAL PROBLEMS IN SUPPORT OF NAVSEA-AUTHORIZED TITLE "K" SHIPALTS. NAVSEA FUNDED

Task/Abbreviation: R-86122-002- -NSY ENGRG SVCE (NSSC) - PROV			MJC: EXSYR209		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 2,002	ManDays: 69	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86122-002)NAVAL SHIPYARD PLANNING, ENGINEERING, DESIGN, TESTING AND LOGISTICS SUPPORT SERVICES ARE REQUIRED FOR THE AVAILABILITY.	PROVIDE THE FOLLOWING ENGINEERING SERVICES, PAPER AND MATERIAL: A. MATERIAL PLANNING SERVICES. B. NECESSARY PRODUCTION ENGINEERING SERVICES. C. NECESSARY DESIGN DIVISION SERVICES. D. PLANNING AND ESTIMATING SERVICES. E. TEST WRITING SUPPORT SERVICES. F. PROVISIONING TECHNICAL DOCUMENTATION - PROVIDE DOCUMENTATION FOR SHIPYARD FURNISHED MATERIAL. NOTE: THIS TASK IS ONLY APPLICABLE TO PUBLIC SECTOR AVAILABILITIES. (NAVSEA PORTION)

Task/Abbreviation: R-86122-003- -TP PREP/RVW/CERT (NSSC) - PROV				MJC: EXSYR211		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 692		ManDays: 41		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(R-86122-003)TESTING SUPPORT SERVICES ARE REQUIRED FOR THE AVAILABILITY.				PROVIDE TEST PROCEDURE PREPARATION, REVIEW AND CERTIFICATION FOR NAVSEA TITLE "K" SHIPALTS. NAVSEA FUNDED					

Task/Abbreviation:		R-86122-004- -WT&MOMENT SUMMARY (NSSC)- PROV			MJC:	EXSYR212	Rev Date:	6/9/2009			
RCM Analysis:	Scheduled:	N	Sit Reqs:		Qty:	001	Removal Required:				
Lvl of Maint:	1	Freq:	0	Equip/Task:	001	Matl Cost:	440	ManDays:	14	Alt No:	
Referenced Authority:		Repair Pool:		MCC:		3					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86122-004)DOCUMENTATION OF WEIGHT AND MOMENT CHANGES DURING THE AVAILABILITY IS REQUIRED.	MAINTAIN ACCOUNTABILITY OF WEIGHT AND MOMENT CHANGES RESULTING FROM WORK ACCOMPLISHED DURING THE AVAILABILITY. PROVIDE CALCULATED SUMMATION OF WEIGHT AND MOMENT CHANGES RESULTING FROM WEIGHTS REMOVED, RELOCATED AND ADDED DURING THE AVAILABILITY. NAVSEA FUNDED

Task/Abbreviation: R-86131-002- -SSR (NSSC) - UPDATE**MJC:** EXSYR204**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:****ManDays:** 22**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86131-002)SERVICES TO UPDATE SHIP'S
SELECTED RECORDS ARE REQUIRED DURING THE
AVAILABILITY.

PROVIDE FOR REVISION, REPORTING AND REPRINTING OF SHIP'S
SELECTED RECORDS (SSR) IN ACCORDANCE WITH FLEET
MODERNIZATION PROGRAM MANAGEMENT AND OPERATIONS
MANUAL, SL720-AA-MAN-010, FOR DATA THAT IS DIRECTLY
AFFECTED BY THIS AVAILABILITY. THE FOLLOWING DOCUMENTS
AND DRAWINGS ARE INCLUDED: A. SELECTED RECORD DRAWINGS -
DOCKING DRAWINGS, BOOKLET OF GENERAL DRAWINGS,
SCHEDULES OF WATERTIGHT INTEGRITY TESTS AND INSPECTIONS,
TANK CAPACITY AND VERTICAL CENTER OF GRAVITY CURVES,
BOOKLET OF TANK SOUNDING TABLES, AND THE UNREP RIGGING
DRAWINGS & ASBESTOS REMOVAL PLAN (IF APPL). B. SELECTED
RECORD DATA - SHIP'S INFORMATION BOOK (SIB), TECHNICAL
MANUALS, DAMAGE CONTROL BOOKS AND PLATES, PROPULSION
OPERATING GUIDES (POG), SHIP'S DRAWING INDEX (SDI) AND
PUBLICATION APPLICABILITY LIST (PAL), INDEX OF TECHNICAL
MANUALS. NAVSEA FUNDED

Task/Abbreviation: R-86151-001- -PROD PLNG SVCE (TYC) - PROV		MJC: EXSYR198	Rev Date: 6/9/2009		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 4,635	ManDays: 161	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86151-001)PLANNING AND ESTIMATING SERVICES ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE THE FOLLOWING PRODUCTION PLANNING AND ESTIMATING, SCHEDULING, PROGRESS MONITORING, ENGINEERING AND TECHNICAL SUPPORT SERVICES IN SUPPORT OF TYCOM FUNDED REPAIRS AND ALTERATIONS, AS AUTHORIZED, DURING THE AVAILABILITY AS FOLLOWS: A. PROCESS WORK SPECS AND DEVELOP PACKAGE TO IDENTIFY PRODUCTION, MANPOWER & DISCIPLINE REQUIREMENTS. B. REVIEW MRL'S. RECOMMEND ALTERNATE MATERIALS AND FABRICATIONS TO RESOLVE PROCUREMENT PROBLEMS. C. MONITOR FABRICATIONS AND PROVIDE TECHNICAL GUIDANCE TO ASSURE CONFORMANCE WITH THE INTENT OF THE SPEC. D. PROVIDE ENGINEERING SUPPORT AND TECHNICAL GUIDANCE FOR THE PRODUCTION AND MATERIAL DEPARTMENTS. E. ASSIST IN ADMINISTRATION AND PERFORMANCE OF TESTING AND QUALITY CONTROL. F. SCHEDULE AND MONITOR PRODUCTION AND SUBCONTRACTOR PROGRESS FOR PROGRAMMED SCHEDULE ADHERENCE. G. DEVELOP GROWTH WORK TRANSMITTALS AND NEW WORK SPECS; PLAN, ESTIMATE AND SCHEDULE GWTH & NEW WORK. TYCOM PORTION.

Task/Abbreviation: R-86151-002- -PROD PLNG SVCE (NSSC) - PROV		MJC: EXSYR200	Rev Date: 6/9/2009		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 1,390	ManDays: 48	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86151-002)PLANNING AND ESTIMATING SERVICES ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE THE FOLLOWING PRODUCTION PLANNING AND ESTIMATING, SCHEDULING, PROGRESSING MONITORING, ENGINEERING AND TECHNICAL SUPPORT SERVICES IN SUPPORT OF NAVSEA FUNDED ALTERATIONS DURING THE AVAILABILITY AS FOLLOWS: A. PROCESS WORK SPECS AND DEVELOP PACKAGE TO IDENTIFY PRODUCTION, MANPOWER & DISCIPLINE REQUIREMENTS. B. REVIEW MRL'S. RECOMMEND ALTERNATE MATERIALS AND FABRICATIONS TO RESOLVE PROCUREMENT PROBLEMS. C. MONITOR FABRICATIONS AND PROVIDE TECHNICAL GUIDANCE TO ASSURE CONFORMANCE WITH THE INTENT OF THE SPEC. D. PROVIDE ENGINEERING SUPPORT AND TECHNICAL GUIDANCE FOR THE PRODUCTION AND MATERIAL DEPARTMENTS. E. ASSIST IN ADMINISTRATION AND PERFORMANCE OF TESTING AND QUALITY CONTROL. F. SCHEDULE AND MONITOR PRODUCTION AND SUBCONTRACTOR PROGRESS FOR PROGRAMMED SCHEDULE ADHERENCE. G. DEVELOP GROWTH WORK TRANSMITTALS AND NEW WORK SPECS; PLAN, ESTIMATE AND SCHEDULE GWTH & NEW WORK. NAVSEA PORTION.

Task/Abbreviation: R-86151-005- -AVLBL PROGRAM MGT (TYC) - PROV		MJC: EXSYR052	Rev Date: 6/9/2009		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 3,533	ManDays: 152	Alt No:
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86151-005)SERVICES TO PROVIDE PROGRAM MANAGEMENT DURING THE AVAILABILITY ARE REQUIRED.	PROVIDE PROGRAM MANAGEMENT FOR FUNDED REPAIRS AND ALTS DURING THE AVAIL. THIS COVERS SPECIFIED EFFORTS OF THE PROGRAM MANAGER AND PROJ COORDINATORS AND/OR PROJ ENGINEERS IN MANAGEMENT OF THE AVAIL. SPECIFIC RESPONSIBILITIES ARE AS FOLLOWS: A. ACT AS PRINCIPAL POINT OF CONTACT. B. ACT AS PRINCIPAL INTERFACE WITH THE NSA ON DAY-TO-DAY MATTERS PERTAINING TO THE EXECUTION OF THE AVAIL. C. COORDINATE AVAIL MATTERS AMONG ORGANIZATIONAL ENTITIES. D. CONDUCT PROGRESS REVIEWS. E. PREPARE COST AND SCHEDULE STATUS REPORTS REQUIRED BY THE GOVERNMENT. F. COORDINATE DEVELOPMENT OF WORK SPECIFICATION ITEMS AND NEW WORK SPECIFICATIONS. G. COORDINATE SUBMISSION OF REPORTS SPECIFIED BY THE NAVAL SUPERVISING ACTIVITY IN A TIMELY MANNER. H. ACT AS FOCAL POINT FOR OTHER GOVERNMENT AGENCIES ON DAY-TO-DAY MATTERS. TYCOM PORTION.

Task/Abbreviation: R-86151-006- -MGT PERS - PROV				MJC: EXSYR232		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost:		ManDays: 338		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86151-006)MANAGEMENT PERSONNEL SERVICES ARE REQUIRED.	PROVIDE MANAGEMENT PERSONNEL FOR TYPE COMMANDER FUNDED REPAIRS AND ALTERATIONS AS FOLLOWS: A. PROVIDE TYPE DESK B. PRODUCTION SUPPORT C. SUPERVISORY D. PLANNING E. PROJECT MANAGEMENT F. HAZARDOUS WASTE AND OTHER POLLUTANTS MANAGEMENT

Task/Abbreviation: R-86151-007- -AVLBL PROGRAM MGT (NSSC) -PROV**MJC:** EXSYR234**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 1,060**ManDays:** 46**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 4**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86151-007)SERVICES TO PROVIDE PROGRAM MANAGEMENT DURING THE AVAILABILITY ARE REQUIRED.

PROVIDE PROGRAM MANAGEMENT FOR FUNDED REPAIRS AND ALTS DURING AVAIL. THIS COVERS SPECIFIED EFFORTS OF THE PROGRAM MANAGER AND PROJECT COORDINATORS AND/OR PROJECT ENGINEERS IN MANAGEMENT OF THE AVAIL. SPECIFIC RESPONSIBILITIES ARE AS FOLLOWS: A. ACT AS PRINCIPAL POINT OF CONTACT. B. ACT AS PRINCIPAL INTERFACE WITH THE NAV SUP ACTIVITY ON DAY-TO-DAY MATTERS PERTAINING TO THE EXECUTION OF THE AVAIL. C. COORDINATE AVAIL MATTERS AMONG ORGANIZATIONAL ENTITIES. D. CONDUCT PROGRESS REVIEWS. E. PREPARE COST AND SCHEDULE STATUS REPORTS REQUIRED BY THE GOVERNMENT. F. COORDINATE DEVELOPMENT OF WORK SPECIFICATION ITEMS AND NEW WORK SPECIFICATIONS. G. COORDINATE SUBMISSION OF REPORTS SPECIFIED BY THE NAVAL SUPERVISING ACTIVITY IN A TIMELY MANNER. H. ACT AS FOCAL POINT FOR OTHER GOVERNMENT AGENCIES ON DAY-TO-DAY MATTERS. NAVSEA PORTION.

Task/Abbreviation: R-86151-008- -COORDINATOR SVCE - PROV				MJC: EXSYR061		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost:		ManDays: 125		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86151-008)COORDINATOR SERVICES DURING THE DOCKING AVAILABILITY ARE REQUIRED.	PROVIDE THE FOLLOWING COORDINATOR SERVICES DURING THE DOCKING AVAILABILITY AS REQUIRED: A. TANK COORDINATOR B. QUALITY ASSURANCE C. LOE COORDINATOR D. DRY DOCK COORDINATOR E. HABITABILITY COORDINATOR

Task/Abbreviation: R-86151-009- -NSY PROJ MGT SVCE (TYC) -PROV				MJC: EXSYR063		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost:		ManDays: 1254		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86151-009)NAVAL SHIPYARD PROJECT MANAGEMENT SUPPORT IS REQUIRED.	PROVIDE THE FOLLOWING PROJECT MANAGEMENT SERVICES - MATERIAL MOVEMENT GROUP SERVICES PRODUCTION SUPPORT-MATERIAL EXPEDITOR SERVICES PLNG SUPPORT-EXPENDABLE BIN/CONSUMABLE MATL SERVICES PRODUCTION SUPPORT - INSIDE SHOP RIGGING PRODUCTION SUPPORT - PALLET/KITTING SERVICES PRODUCTION SUPERVISION - INSIDE SHOP SUPERVISION PRODUCTION SUPERVISION - CONTROL POINT SVCS/LOGS/BAIM PRODUCTION SUPERVISION - BUSINESS OFFICE SERVICES NON-PRODUCTION SUPERVISION - C/130 INSP SUPERVISION NON-PRODUCTION SUPERVISION - LEAD/WATERFRONT P/E SUPERVISION NON-PRODUCTION SUPERVISION - TROUBLE DESK SERVICES PLANNING SUPPORT - ZONE MANAGERS - TANK COORDINATOR PLANNING SUPPORT - SHIP MATERIAL MANAGER PLAN & SVCS PROJECT ENGINEERING & PLANNING MANAGER SVCS (PEMP) PROJECT MANAGER SERVICES SHIP SUPERINTENDENT SERVICES INDUSTRIAL PLANNING GROUP AND FOREMAN SERVICES. TYCOM PORTION

Task/Abbreviation: R-86151-010- -NSY PROJ MGT SVCE (NSSC)-PROV**MJC:** EXSYR241**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:****ManDays:** 376**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 4**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86151-010)NAVAL SHIPYARD PROJECT
MANAGEMENT SUPPORT IS REQUIRED.PROVIDE THE FOLLOWING PROJECT MANAGEMENT SERVICES -
MATERIAL MOVEMENT GROUP SERVICES PRODUCTION
SUPPORT-MATERIAL EXPEDITOR SERVICES PLNG
SUPPORT-EXPENDABLE BIN/CONSUMABLE MATL SERVICES
PRODUCTION SUPPORT- INSIDE SHOP RIGGING PRODUCTION
SUPPORT - PALLET/KITTING SERVICES PRODUCTION SUPERVISION -
INSIDE SHOP SUPERVISION PRODUCTION SUPERVISION - CONTROL
POINT SVCS/LOGS/BAIM PRODUCTION SUPERVISION - BUSINESS
OFFICE SERVICES NON-PRODUCTION SUPERVISION - C/130 INSP
SUPERVISION NON-PRODUCTION SUPERVISION -
LEAD/WATERFRONT P/E SUPERVISION NON-PRODUCTION
SUPERVISION - TROUBLE DESK SERVICES PLANNING SUPPORT -
ZONE MANAGERS - TANK COORDINATOR PLANING SUPPORT - SHIP
MATERIAL MANAGER PLAN & SVCS PROJECT ENGINEERING &
PLANNING MANAGER SVCS (PEMP) PROJECT MANAGER SERVICES
SHIP SUPERINTENDENT SERVICES INDUSTRIAL PLANNING GROUP
AND FOREMAN SERVICES. NAVSEA PORTION

Task/Abbreviation: R-86151-011- -042-27 MH&MATL RSV ACCT-ACCOMP				MJC: EXSYR332		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost:		ManDays: 22		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86151-011)MANHOUR AND MATERIAL RESERVATION ACCOUNTABILITY REQUIRED DURING THE AVAILABILITY.	ACCOMPLISH THE REQUIREMENTS OF STANDARD WORK TEMPLATE (SWT) 042-001 TO PROVIDE SPECIFIC DOCUMENTATION OF CONTRACTOR ESTIMATES FOR ALL WORK ITEMS WHICH IDENTIFY A RESERVATION OF MANHOURS OR MATERIAL DOLLARS. NOTE: THIS ITEM IS ONLY APPLICABLE TO CNO AVAILABILITIES WITHIN THE NORFOLK HOMEPORT AREA.

Task/Abbreviation: R-86151-012- -SY TRADE SUPERVISION - PROV**MJC:** EXSYR336**Rev Date:** 6/9/2009**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 50**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

MARMC

(R-86151-012)PRODUCTION SUPERVISION FOR
TYCOM FUNDED REPAIRS AND ALTERATIONS
REQUIRED DURING THE CNO AVAILABILITYPROVIDE PRODUCTION SUPERVISION FOR THE SHIPYARD
PRODUCTION TRADES IN THE ACCOMPLISHMENT OF AUTHORIZED
TYCOM FUNDED ALTERATIONS AND REPAIRS. SUPERVISION
FUNCTIONS INCLUDE: A) MAKING DAILY EMPLOYEE WORK
ASSIGNMENTS; B) DEVELOPING/REVIEWING CONDITION REPORTS;
C) LIAISON WITH AND SCHEDULING OF ASSIST TRADES AND
SUB-CONTRACTORS; D) ASSURING REFERENCES, MATERIAL, AND
TOOLS ARE AVAILABLE WHEN NEEDED; E) ASSURING ASSIGNED
WORK IS ACCOMPLISHED IAW APPLICABLE TECHNICAL
REQUIREMENTS; F) REVIEWING REFERENCES, MATERIAL, AND
SCHEDULES FOR ASSIGNED WORK AND ADVISING OF REQUIRED
CHANGES; G) REPORTING WORK PROGRESS; H) SCHEDULING
INSPECTIONS, TESTS, CHECKPOINTS, ETC.; I) LIAISON WITH
DESIGN/ENGINEERING PERSONNEL ON TECHNICAL PROBLEMS.**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86151-012)SY TRADE SUPERVISION REQUIRED
DURING THE AVAILABILITY.PROVIDE PRODUCTION SUPERVISION FOR THE PRODUCTION
TRADES IN THE ACCOMPLISHMENT OF AUTHORIZED TYCOM
FUNDED ALTERATIONS AND REPAIRS DURING THE AVAILABILITY.

Task/Abbreviation: R-86151-013- -ADMIN AND SUPPORT SERVICE-PROV**MJC:** EXSYR360**Rev Date:** 6/4/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 14,188**ManDays:** 618**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86151-013)ADMIN & SUPPORT SERVICES
NEEDED DURING THE AVLBL.

PROVIDE ADMINISTRATION AND SUPPORT SERVICES FOR FUNDED REPAIRS AND ALTS DURING THE AVAILABILITY AS FOLLOWS: A. PROVIDE TRADE SUPERVISION SERVICES. B. PROVIDE CRANE, RIGGING, FORKLIFT AND TRANSPORTATION SERVICES TO & FROM THE SHIP, SHIPYARD WORK SITES, AND STORAGE SITE FOR CONTRACTOR & SHIP'S FORCE ITEMS. C. PROVIDE SCHEDULING, PROGRESSING, MATERIAL STATUS AND ASSOCIATED REPORTS TO TYPICALLY INCLUDE BUT NOT LIMITED TO THE FOLLOWING: (1) ACCOMPLISH REQUIREMENTS OF NAVSEA STD ITEM 009-60; (2) SCHEDULE CONTROLLING WORK ITEMS (WI) TO THE ACTIVITY LEVEL; (3) DEVELOP A SCHEDULE FOR SUBMISSION OF REPORTS & UPDATE WEEKLY; (4) SCHEDULE EACH WI THAT REQUIRES OPENING, DISASSEMBLY, AND/OR INSPECTION, AND SUBMISSION OF AS-FOUND CONDITION REPORT; (5) PARTICIPATE IN WEEKLY PROGRESS MEETINGS; (6) PROVIDE A BI-WEEKLY COST SUMMARY REPORT, COST PERFORMANCE REPORT AND A PERFORMANCE & FUNDS STATUS REPORT; (7) PROVIDE COMPLETION AND SHIP DEPARTURE REPORTS; (8) COMPLETE SIGNIFICANT EVENTS BY MILESTONES IDENTIFIED BY NAVAL SUPERVISING ACTIVITY. NOTE: USE USS BOXER (LHD 4) FY07 PMA WI 897-11-001, COAR 16-605, FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86151-014- -PRGM MGT AIT INTEGRATION-PROV**MJC:** EXSYR373**Rev Date:** 10/6/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 1,000**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86151-014)SHIPYARD AVAILABILITY PROGRAM
MANAGEMENT AIT INTEGRATION REQUIRED
DURING THE CNO AVAILABILITY.ACCOMPLISH THE REQUIREMENTS OF STANDARD WORK TEMPLATE
(SWT) 897-004 TO PROVIDE AVAILABILITY PROGRAM MANAGEMENT
AIT INTEGRATION DURING THE CNO AVAILABILITY. SWT
REQUIREMENTS INCLUDE: A. PROVIDE A PROGRAM MANAGER AIT
INTEGRATOR RESPONSIBLE TO COORDINATE, INTEGRATE, AND
DE-CONFLICT ALL MAINTENANCE AND MODERNIZATION ACTIVITY
SCHEDULES WITH PRIME CONTRACTOR, I-LEVEL ACTIVITIES,
ALTERATION INSTALLATION TEAMS (AIT), AND SUBCONTRACTORS
WORK SCHEDULES. B. PROVIDE A SUPERINTENDENT TO ASSIST
WITH COORDINATION OF AIT SUPPORT REQUIREMENTS. C.
PROVIDE A SCHEDULER TO INCORPORATE SCHEDULES PROVIDED
INTO A SINGLE INTEGRATED SCHEDULE. D. PROVIDE A TEST
MANAGER TO DEVELOP AN INTEGRATED TOTAL SHIP TEST
MANAGEMENT PLAN.

Task/Abbreviation: R-86151-015- -CONDITION REPORTS - SUBMIT			MJC: EXSYR379		Rev Date: 4/22/2010	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 3,540	ManDays: 47	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86151-015)SHIPYARD COST ESTIMATES REQUIRED FOR PROPOSED/RECOMMENDED WORK RESULTING FROM CONDITION REPORTS.	WHEN SUBMITTING A CONDITION REPORT, PROVIDE A DEFINITION OF PROPOSED WORK, A COST ESTIMATE (WITH AMPLIFYING INFORMATION AS APPROPRIATE) FOR ANY RECOMMENDED WORK SCOPE CHANGE(S), ANY ACCELERATION/PREMIUM TIME REQUIRED, AND ANY TIME IMPACT TO INTERNAL MAJOR MILESTONES AND TO PRODUCTION AND/OR COMPLETION DATES.

Task/Abbreviation:		R-86161-001- -WELDING ENGINEER SVCE - PROV			MJC:	EXSYR252	Rev Date:	6/9/2009	
RCM Analysis:		Scheduled:	N	Sit Reqs:	Qty:	001	Removal Required:		
Lvl of Maint:	1	Freq:	0	Equip/Task:	001	Matl Cost:	787	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:		MCC: 3					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86161-001)WELDING ENGINEER SERVICES ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE SERVICES OF A WELDING ENGINEER FOR QUALITY ASSURANCE COVERAGE ON WORK AUTHORIZED BY THE TYPE COMMANDER AND PROVIDE MAINTENANCE OF RECORDS.

Task/Abbreviation: R-86171-001- -ANT PHOTOS - PROV				MJC: EXSYR205		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:	
Lvl of Maint: 1		Freq: 0	Equip/Task: 001	Matl Cost: 1,257	ManDays: 11	Alt No:	
Referenced Authority:			Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86171-001)SERVICES TO UPDATE THE SHIP'S ANTENNA PHOTOS ARE REQUIRED DURING THE AVAILABILITY.	PHOTOGRAPH SHIP'S ANTENNA CONFIGURATION FOR THE PURPOSE OF ANTENNA IDENTIFICATION. PROVIDE PHOTOGRAPHS TO THE SUPERVISOR FOR SELECTION OF APPROVED PRINTS. PROVIDE ORIGINAL AND COPIES OF NEGATIVES, PHOTOGRAPHS AND MARKED-UP PHOTOGRAPHS TO THE SUPERVISOR FOR DISTRIBUTION AS REQUIRED. ALL ANTENNA PHOTOGRAPHS SHALL INCLUDE A LEGEND PLACED IN CLEAR SPACE ON THE REVERSE SIDE OF THE PRINT IDENTIFYING EACH ANTENNA, THE ASSOCIATED EQUIPMENT AND THE LOCATION WITHIN THE SHIP. NOTE 1: INVOKE THIS TASK IF CHANGES TO THE TOPSIDE SUPERSTRUCTURE HAVE BEEN MADE, NEW ANTENNAS HAVE BEEN INSTALLED OR EXISTING ANTENNAS HAVE BEEN RELOCATED OR REMOVED. NOTE 2: USE SWT 837-02 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86231-001- -ADV PLNG SVCE (TYC) - PROV**MJC:** EXSYR006**Rev Date:** 6/10/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 49,841**ManDays:** 68**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86231-001)ADVANCE PLANNING SERVICES ARE
REQUIRED TO SUPPORT THE AVAILABILITY.PROVIDE THE FOLLOWING ADVANCE PLANNING SERVICES AS
AUTHORIZED IN SUPPORT OF TYCOM FUNDED REPAIRS/ALTS: A.
PREPARE ADVANCE PLANNING COST ESTIMATES. B. PREPARE
WORK SCOPING SHIPCHECKS. C. IDENTIFY AND ORDER TYCOM
REPAIR AND SHIPALT ITEM LONG LEAD TIME MATERIAL (LLTM). D.
DEVELOP REPAIR AND SHIPALT WORK SPECIFICATIONS. E.
PREPARE COST AND SCHEDULE REPORTS. F. DEVELOP MATERIAL
REQUIREMENT LISTS (MRL'S). G. DEVELOP DRAWINGS/SKETCHES
IN SUPPORT OF REPS/ALTS. H. PREPARE PRELIMINARY WEIGHT
AND MOMENT REPORT. I. PREPARE BASIC REPAIR AND
PRELIMINARY SHIPALT COST ESTIMATES ALONG WITH FINAL
REVIEW ESTIMATES. J. PREPARE TECH DESIGN REVIEW INCLUDING
VALIDATION SHIPCHECK OF SHIP INSTALLATION DRAWINGS (SIDS).
K. INITIATE/FOLLOW-UP DESIGN DISCREPANCY CORRECTION
UTILIZING THE LIAISON ACTION RECORD SYSTEM (LAR). TYCOM
PORTION.

Task/Abbreviation: R-86231-002- -ADV PLNG SVCE (NSSC) - PROV			MJC: EXSYR008		Rev Date: 6/10/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 14,952	ManDays: 21	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86231-002)ADVANCE PLANNING SERVICES ARE REQUIRED TO SUPPORT THE AVAILABILITY.	PROVIDE THE FOLLOWING ADVANCE PLANNING SERVICES IN SUPPORT OF AUTHORIZED TITLE "K" (NAVSEA FUNDED) ALTS: A. PREPARE ADVANCE PLANNING COST ESTIMATES. B. CONDUCT TECH DESIGN REVIEW INCLUDING VALIDATION SHIPCHECK OF GOVERNMENT FURNISHED SID'S. C. IDENTIFY "K"-ALT LONG LEAD TIME MATERIAL (LLTM). D. DEVELOP "K"-ALT WORK SPECIFICATIONS. E. INITIATE/FOLLOW UP DESIGN DISCREPANCY CORRECTION UTILIZING THE LIAISON ACTION RECORD SYSTEM (LAR). F. DEVELOP ENGINEERING DRAWINGS/SKETCHES FOR ALTS. G. PREPARE PRELIMINARY SHIPALT AND FINAL REVIEW COST ESTIMATES. H. PREPARE PRELIMINARY WEIGHT AND MOMENT REPORT. I. PERFORM COST AND OTHER ADMINISTRATIVE AND SCHEDULE REPORTING. NAVSEA PORTION.

Task/Abbreviation: R-86231-003- -SCHED & RPRT SVCE (TYC) -PROV**MJC:** EXSYR143**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 9,323**ManDays:** 155**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86231-003)PLANNING AND ESTIMATING SERVICES ARE REQUIRED TO SUPPORT THE AVAILABILITY.

PROVIDE THE FOLLOWING SCHEDULING AND ASSOCIATED REPORTS AND SERVICES IAW REQUIREMENTS OF NAVSEA STANDARD ITEM 009-60: A. PREPARE A PRODUCTION SCHEDULE FOR EACH WORK ITEM. UPDATE WEEKLY. B. PREPARE A TIME-ORIENTED WORK PACKAGE NETWORK. UPDATE WEEKLY. C. PREPARE A MILESTONE AND KEY EVENT LISTING. D. DEVELOP MANPOWER LOADING CURVES FOR TOTAL PRODUCTIVE EFFORT AND INDUSTRIAL TRADES. UPDATE AS REQUIRED. E. PREPARE A WEEKLY MANPOWER UTILIZATION REPORT. F. PREPARE A SUBCONTRACTOR LIST BY WORK ITEM. MANAGE AND SCHEDULE SUBCONTRACTOR'S PERFORMANCE. G. PREPARE A TEST PLAN BY WORK ITEM AND UPDATE WEEKLY. H. PROVIDE REP TO COORDINATE SF WORK WITH SY WORK. I. PARTICIPATE IN 25%, 50% AND 75% PROGRESS REVIEW CONFERENCES. PROVIDE REPORTS AS REQUIRED. J. PARTICIPATE IN WEEKLY PROGRESS REVIEW MEETING WITH NAVAL SUPERVISING ACTIVITY AND SHIP'S FORCE. PROVIDE REPORTS AS REQUIRED. K. PROVIDE SAMS MILESTONES, IF REQUIRED. NOTE: FOR PRIVATE SECTOR AVAILABILITIES, THIS TASK IS ONLY APPLICABLE WHEN NAVSEA CAT 1 SI 009-60 IS NOT INVOKED AS PART OF THE SOLICITATION. (TYCOM PORTION)

Task/Abbreviation: R-86231-004- -SCHED & RPRT SVCE (NSSC)-PROV**MJC:** EXSYR295**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 3,996**ManDays:** 67**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 4**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86231-004)PLANNING AND ESTIMATING SERVICES ARE REQUIRED TO SUPPORT THE AVAILABILITY.

PROVIDE THE FOLLOWING SCHEDULING AND ASSOCIATED REPORTS AND SERVICES IAW REQUIREMENTS OF NAVSEA STANDARD ITEM 009-60: A. PREPARE A PRODUCTION SCHEDULE FOR EACH WORK ITEM. UPDATE WEEKLY. B. PREPARE A TIME-ORIENTED WORK PACKAGE NETWORK. UPDATE WEEKLY. C. PREPARE A MILESTONE AND KEY EVENT LISTING. D. DEVELOP MANPOWER LOADING CURVES FOR TOTAL PRODUCTIVE EFFORT AND INDUSTRIAL TRADES. UPDATE AS REQUIRED. E. PREPARE A WEEKLY MANPOWER UTILIZATION REPORT. F. PREPARE A SUBCONTRACTOR LIST BY WORK ITEM. MANAGE AND SCHEDULE SUBCONTRACTOR'S PERFORMANCE. G. PREPARE A TEST PLAN BY WORK ITEM AND UPDATE WEEKLY. H. PROVIDE REP TO COORDINATE SF WORK WITH SY WORK. I. PARTICIPATE IN 25%, 50% AND 75% PROGRESS REVIEW CONFERENCES. PROVIDE REPORTS AS REQUIRED. J. PARTICIPATE IN WEEKLY PROGRESS REVIEW MEETING WITH NAVAL SUPERVISING ACTIVITY AND SHIP'S FORCE. PROVIDE REPORTS AS REQUIRED. K. PROVIDE SAMS MILESTONES, IF REQUIRED. NOTE: FOR PRIVATE SECTOR AVAILABILITIES, THIS TASK IS ONLY APPLICABLE WHEN NAVSEA CAT 1 SI 009-60 IS NOT INVOKED AS PART OF THE SOLICITATION. (NAVSEA PORTION)

Task/Abbreviation: R-86231-015- -PLNG PROGRAM MGT (TYC) - PROV**MJC:** EXSYR230**Rev Date:** 6/10/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 2,161**ManDays:** 221**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86231-015)SERVICES TO PROVIDE PROGRAM MANAGEMENT DURING THE PLANNING PHASE OF THE AVAILABILITY ARE REQUIRED.

PROVIDE PROGRAM MANAGEMENT DURING THE PLANNING PHASE IN ACCORDANCE WITH GUIDANCE OF APPLICABLE CDRL'S. THIS SWLIN COVERS SPECIFIED EFFORTS OF THE PROGRAM MANAGER AND PROJ COORDINATORS/PROJ ENGINEERS IN THE MANAGEMENT OF THE PROGRAM. SPECIFIC RESPONSIBILITIES ARE AS FOLLOWS: A. ACT AS PRINCIPAL POINT OF CONTACT. B. ACT AS PRINCIPAL INTERFACE WITH RMC PROJ MGR., PORT ENGINEER AND RMC CODE 930 ON DAY-TO-DAY MATTERS PERTAINING TO THE PLANNING OF THE AVAILABILITY. C. COORDINATE PMP MATTERS AMONG THE CONTRACTOR'S ORGANIZATIONAL ENTITIES. D. CONDUCT PROGRESS REVIEWS. E. PREPARE COST & SCHED STATUS RPRTS REQD BY GOVERNMENT. F. COORDINATE DEVELOPMENT OF AVAILABILITY WORK SPECIFICATION ITEMS TO ENSURE TIMELY PLANNING. G. COORDINATE SUBMISSION OF CDRL ITEMS & OTHER SUCH PROJ RPRTS SPECIFIED BY GOVT IN A TIMELY MANNER. H. ACT AS FOCAL POINT FOR OTHER GOVERNMENT AGENCIES ON DAY-TO-DAY MATTERS. TYCOM PORTION.

Task/Abbreviation: R-86231-016- -PLNG PROGRAM MGT (NSSC) - PROV**MJC:** EXSYR053**Rev Date:** 6/10/2009**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 648**ManDays:** 66**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(R-86231-016)SERVICES TO PROVIDE PROGRAM MANAGEMENT DURING THE PLANNING PHASE OF THE AVAILABILITY ARE REQUIRED.

Recommended Solution:

PROVIDE PROGRAM MANAGEMENT DURING THE PLANNING PHASE IN ACCORDANCE WITH GUIDANCE OF APPLICABLE CDRL'S. THIS SWLIN COVERS SPECIFIED EFFORTS OF THE PROGRAM MANAGER AND PROJ COORDINATORS/PROJ ENGINEERS IN THE MANAGEMENT OF THE PROGRAM. SPECIFIC RESPONSIBILITIES ARE AS FOLLOWS: A. ACT AS PRINCIPAL POINT OF CONTACT. B. ACT AS PRINCIPAL INTERFACE WITH RMC PROJ MGR., PORT ENGINEER AND RMC CODE 930 ON DAY-TO-DAY MATTERS PERTAINING TO THE PLANNING OF THE AVAILABILITY. C. COORDINATE PMP MATTERS AMONG THE CONTRACTOR'S ORGANIZATIONAL ENTITIES. D. CONDUCT PROGRESS REVIEWS. E. PREPARE COST & SCHED STATUS RPTS REQD BY GOVERNMENT. F. COORDINATE DEVELOPMENT OF AVAILABILITY WORK SPECIFICATION ITEMS TO ENSURE TIMELY PLANNING. G. COORDINATE SUBMISSION OF CDRL ITEMS & OTHER SUCH PROJ RPTS SPECIFIED BY GOVMT IN A TIMELY MANNER. H. ACT AS FOCAL POINT FOR OTHER GOVERNMENT AGENCIES ON DAY-TO-DAY MATTERS. NAVSEA PORTION.

Task/Abbreviation:		R-86231-017- -LONG LEAD TIME MATL - PROCURE		MJC:	EXSYR376	Rev Date:	12/11/2009				
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	001	Removal Required:					
Lvl of Maint:	1	Freq:	0	Equip/Task:	001	Matl Cost:	41,000	ManDays:	20	Alt No:	
Referenced Authority:		Repair Pool:		MCC:		2					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86231-017)LLTM PROCUREMENT IS REQUIRED TO SUPPORT THE AVAILABILITY.	IDENTIFY AND PROCURE TYCOM REPAIR ITEM LONG LEAD TIME MATERIAL (LLTM) FOR THE AVAILABILITY. NOTE: THIS TASK IS NOT REQUIRED IF LLTM PROCUREMENT IS ACCOMPLISHED BY ICMP TASK R-86231-1

Task/Abbreviation: R-86331-001- -TEMP BERTHING - PROV**MJC:** EXSYR090**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 315,014**ManDays:** 706**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86331-001)TEMPORARY OFF-SHIP BERTHING FACILITIES FOR SHIP'S FORCE PERSONNEL ARE REQUIRED DURING THE AVAILABILITY.

PROVIDE TEMPORARY OFF-SHIP BERTHING FACILITIES IAW SMWG STANDARD WORK TEMPLATE (SWT) 857-007 FOR THE COMMANDING OFFICER, EXECUTIVE OFFICER, () OFFICERS, () CHIEF PETTY OFFICERS, () ENLISTED PERSONNEL (E5 AND E6) AND () ENLISTED PERSONNEL (E1 THROUGH E4) COMMENCING () AND LASTING () ON A SEVEN DAY PER WEEK BASIS. 1. THE NUMBER OF FEMALE PERSONNEL IN EACH CATEGORY IS TO BE IDENTIFIED SEPARATELY FROM THE NUMBER OF MALE PERSONNEL IN EACH CATEGORY, AS APPLICABLE. 2. THE SHIP'S COMMANDING OFFICER SHALL NEGOTIATE WITH THE NAVAL SUPERVISING ACTIVITY, A FORMAL WRITTEN PRE-AVAILABILITY AGREEMENT WHICH SHALL DEFINE AND ESTABLISH THE CRITERIA PREREQUISITE FOR CREW MOVE ON BOARD AND TURNOVER OF HABITABILITY SPACES. SUBMIT A COPY OF THE AGREEMENT TO THE TYPE COMMANDER.

Task/Abbreviation: R-86331-002- -GALLEY AND MESSING FACIL -PROV**MJC:** EXSYR267**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 117,545**ManDays:** 350**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86331-002)TEMPORARY OFF-SHIP GALLEY AND MESSING FACILITIES FOR SHIP'S FORCE PERSONNEL ARE REQUIRED DURING THE AVAILABILITY.

PROVIDE TEMPORARY OFF-SHIP GALLEY AND MESSING FACILITIES IN ACCORDANCE WITH SMWG STANDARD WORK TEMPLATE (SWT) 857-001 FOR () OFFICERS, () CHIEF PETTY OFFICERS AND () ENLISTED PERSONNEL FOR A PERIOD OF () DAYS. THE SHIP'S COMMANDING OFFICER SHALL NEGOTIATE WITH THE NAVAL SUPERVISING ACTIVITY A FORMAL WRITTEN PRE-AVAIL AGREEMENT WHICH SHALL DEFINE AND ESTABLISH THE CRITERIA PREREQUISITE FOR CREW MOVE ON BOARD AND TURNOVER OF HABITABILITY SPACES. SUBMIT A COPY OF THE AGREEMENT TO THE TYPE COMMANDER.

Task/Abbreviation: R-86331-003- -DUTY SECT BERTHING - PROV			MJC: EXSYR092		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 22,188	ManDays: 205	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86331-003)TEMPORARY DUTY SECTION OFF-SHIP BERTHING FACILITIES ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE TEMPORARY DUTY SECTION OFF-SHIP BERTHING IN ACCORDANCE WITH SMWG STANDARD WORK TEMPLATE (SWT) 857-005 FOR () PERSONNEL, COMMENCING () AND LASTING () ON A SEVEN DAY PER WEEK BASIS. 1. SHIP SHALL PROVIDE PROJECTED DUTY SECTION MANNING AT THE WPIC OR AT APPROXIMATELY A-6 MONTHS. 2. NUMBER OF FEMALE DUTY SECTION PERSONNEL IS TO BE IDENTIFIED SEPARATELY FROM MALE DUTY SECTION PERSONNEL.

Task/Abbreviation: R-86331-004- -BERTHING BARGE SVCE - PROV**MJC:** EXSYR269**Rev Date:** 11/24/2010**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 77,516**ManDays:** 221**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(R-86331-004)BERTHING BARGE TOWING AND SUPPORT SERVICES ARE REQUIRED DURING THE AVAILABILITY.

Recommended Solution:

PROVIDE THE FOLLOWING SERVICES FOR BERTHING BARGE: A. PREPARE AND TOW BARGE TO, FROM AND WITHIN THE CONTRACTOR'S FACILITY. B. PROVIDE TEMPORARY SERVICES. C. ACCOMPLISH REPAIRS TO THE BARGE. NOTE: THE SHIP'S COMMANDING OFFICER SHALL NEGOTIATE WITH THE NAVAL SUPERVISING ACTIVITY A FORMAL WRITTEN PRE-AVAIL AGREEMENT WHICH SHALL DEFINE AND ESTABLISH THE CRITERIA PREREQUISITE FOR CREW MOVE ONBOARD AND TURNOVER OF HABITABILITY SPACES. SUBMIT A COPY OF THE AGREEMENT TO THE TYPE COMMANDER. NOTE 1: USE SWT 992-01 AND SWT 992-13 FOR GUIDANCE IN DEVELOPING SPEC FOR AVAILABILITIES ACCOMPLISHED AT THE CONTRACTOR'S FACILITY. NOTE 2: USE SWT 992-01 AND SWT 992-32 FOR GUIDANCE IN DEVELOPING SPEC FOR AVAILABILITIES ACCOMPLISHED AT A GOVERNMENT FACILITY. NOTE 3: USE SWT 857-50 FOR GUIDANCE IN DEVELOPING SPEC FOR AVAILABILITIES ACCOMPLISHED AT A CONTRACTOR'S FACILITY IN SAN DIEGO, CA.

Task/Abbreviation: R-86331-010- -OFFICES AND PARKING - PROV			MJC: EXSYR258		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 17,440	ManDays: 87	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86331-010)OFFICE AND TRAINING FACILITIES FOR USE BY SHIP'S FORCE ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE SECURE OFFICE, TRAINING AND PARKING FACILITIES ASHORE FOR USE BY SHIP'S FORCE DURING THE ENTIRE AVAILABILITY TO INCLUDE HEAT, LIGHT, POWER, AIR CONDITIONING AND SANITARY FACILITIES: A. ONE - () SQUARE FEET FOR OFFICE SPACE. B. () SQUARE FEET FOR CLASSROOM AND () CHAIRS WITH WRITING ARMS, BLACKBOARD, TABLE AND LECTERN. C. () PARKING SPACES (MINIMUM) NEAR THE OFFICE FACILITIES. D. () SQUARE FEET FOR TEMPORARY RELOCATION OF ADP SYSTEM TO INCLUDE INTER CONNECTING CABLES.

Task/Abbreviation: R-86331-011- -SHIP - DEFUEL				MJC: EXSYR259		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 3,136	ManDays: 72	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86331-011)OFF-LOAD AND TESTING OF PETROLEUM FUELS AND LUBRICANTS IS REQUIRED.	DEFUEL SHIP - OFF-LOAD PETROLEUM FUELS AND LUBRICANTS FROM THE SHIP'S TANKS IN THE FOLLOWING APPROXIMATE AMOUNTS. SAMPLE AND ANALYZE PRIOR TO OFF-LOAD. DISTILLATE FUEL (MARINE) - () GAL. JP-5 - () GAL. LUBRICATING OIL - () GAL. CONTAMINATED SEAWATER - () GAL. NOTE: USE APPLICABLE PORTIONS OF SWT 992-31 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86331-012- -SF PARKING AREA - PROV**MJC:** EXSYR264**Rev Date:** 10/6/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 18,851**ManDays:** 208**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86331-012)PARKING FOR SHIP'S FORCE PERSONNEL IS REQUIRED DURING THE AVAILABILITY.

PROVIDE AND MAINTAIN PARKING AREA FOR SF PERSONNEL IN CLOSE PROXIMITY TO SHIP FOR ENTIRE CONTRACT PERIOD IN ACCORDANCE WITH THE FOLLOWING: A. PARKING AREA SHALL BE LEVEL, WELL LIGHTED, SPACED AND PARTITIONED TO ACCOMMODATE () AUTOMOBILES. B. PARKING AREA SHALL BE A PAVED OR GRAVEL SURFACE AND ENCLOSED BY SIX FOOT HIGH CHAIN-LINK FENCE WITH A MINIMUM OF TWO LOCKABLE ACCESSSES FOR VEHICLES. C. PROVIDE SHUTTLE BUS SERVICE BETWEEN SHIP AND THE PARKING AREA (7 DAYS/WEEK BETWEEN HOURS OF 0600 AND 0200 IF DISTANCE IS GREATER THAN 1/4 MILE). BUS SERVICE SHALL BE CAPABLE OF TRANSPORTING () PERSONS (EACH WAY) EVERY HALF HOUR. D. PROVIDE ADDITIONAL PARKING ADJACENT TO SHIP. AREA SHALL BE WELL LIGHTED AND SPACED TO ACCOMMODATE () AUTOMOBILES. E. PROVIDE 24 HOUR A DAY, 7 DAY A WEEK SECURITY GUARD(S), AS AUTHORIZED. F. PROVIDE WATCH HUT, EQUIPPED WITH HEAT, TELEPHONE & LIGHTS, ADJACENT TO PRIMARY PARKING AREA ACCESS. NOTE: USE SWT 992-12 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86331-014- -SM BOAT WORK AREA - PROV				MJC: EXSYR275		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 3,988		ManDays: 26		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86331-014)A COVERED SMALL BOAT WORK AREA FOR USE BY SHIP'S FORCE DURING THE AVAILABILITY IS REQUIRED.	PROVIDE A COVERED SMALL BOAT WORK AREA WITH CRADLES SUFFICIENT FOR ____ BOATS FOR SHIP'S FORCE USE WITH A MINIMUM OF ____ SQUARE FEET WITH 100 PSI AIR AND 115 VOLTS AC SERVICE

Task/Abbreviation: R-86331-015- -SM BOAT STOR AREA - PROV			MJC: EXSYR301		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 1,333	ManDays: 17	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86331-015)THE SHIP'S SMALL BOATS MUST BE STORED PIERSIDE DURING THE AVAILABILITY.	PROVIDE SMALL BOAT CRADLES AND PROTECTIVE COVERING ON THE PIER FOR _____ BOATS. REMOVE BOATS FROM THE SHIP, PLACE ON CRADLES AND REINSTALL ON THE SHIP AS DIRECTED BY THE SUPERVISOR. NOTE: USE SWT 992-21 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86331-019- -SF HAZ MATL/FLMB LIQ STOR-PROV		MJC: EXSYR312	Rev Date: 4/23/2010		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 25,074	ManDays: 40	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86331-019)HAZARDOUS MATERIAL STORAGE AND FLAMMABLE LIQUIDS STORAGE FOR USE BY SHIP'S FORCE ARE NEEDED DURING THE AVAILABILITY.	TEMPORARY STORAGE SPACES - ACCOMPLISH THE FOLLOWING: A. PROVIDE THE FOLLOWING WEATHERPROOF, LOCKED, TEMPORARY STORAGE SPACES ASHORE, FURNISHED WITH LIGHTS, 120 VAC (24 HOUR SERVICE), VENTILATION, SHELVING AND TWO (2) EACH 15 LB. CO2 FIRE EXTINGUISHERS AT EACH LOCATION FOR SHIP'S FORCE USE DURING THE ENTIRE CONTRACT PERIOD: 1. HAZARDOUS MATERIAL STORAGE - MINIMUM OF 320 SQ. FT. OF FLOOR SPACE. 2. FLAMMABLE LIQUIDS STORAGE (PAINT, FLAMMABLE AND CORROSIVE LIQUIDS) - MINIMUM OF 320 SQ. FT. OF FLOOR SPACE. B. PROVIDE A PORTABLE EYE WASH STATION LOCATED ADJACENT TO THESE TWO STORAGE SPACES. IF THE TWO STORAGE SPACES ARE NOT LOCATED TOGETHER, PROVIDE A PORTABLE EYE WASH STATION FOR EACH STORAGE SPACE. NOTES: 1. EACH STORAGE SPACE SHALL BE LOCATED WITHIN CLOSE PROXIMITY TO THE SHIP AS APPROVED BY LOCAL CODES AND REGULATIONS. 2. SEPARATE EACH STORAGE SPACE FROM OTHER STRUCTURES BY A MINIMUM OF 25 FEET. 3. USE SWT 993-01 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86331-020- -SF WAREHOUSE SPACE - PROV			MJC: EXSYR166		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 8,358	ManDays: 14	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86331-020)WAREHOUSE SPACE FOR USE BY SHIP'S FORCE IS NEEDED DURING THE AVAILABILITY.	PROVIDE A SECURE, WEATHERPROOF, LOCKED, TEMPORARY WAREHOUSE SPACE ASHORE, FURNISHED WITH LIGHTS, 120 VAC (24 HOUR SERVICE), SHELVING, HEAT AND TWO (2) EACH 15 LB. CO2 FIRE EXTINGUISHERS FOR SHIP'S FORCE USE DURING THE ENTIRE AVAILABILITY. PROVIDE A MINIMUM OF (___) SQ. FT. OF FLOOR SPACE. NOTE: USE APPLICABLE PORTIONS OF SWT 993-03 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86331-021- -NAVY CASH PERS BARGE SVCE-PROV			MJC: EXSYR355		Rev Date: 6/9/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 750	ManDays: 16	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86331-021)NAVY CASH MUST BE MOVED TO THE BERTHING BARGE DURING THE AVAILABILITY.	L3 COMMUNICATIONS WILL CONTACT THE SHIP NO LATER THAN 45 DAYS PRIOR TO THE START OF THE AVAILABILITY TO ARRANGE FOR THE MOVEMENT OF NAVY CASH TO THE ASSIGNED BERTHING BARGE FOR THE SHIP'S AVAILABILITY. NAVSUP WILL PROVIDE THIS SERVICE FOR CONUS CNO AVAILABILITIES PER NAVY CASH FLASH 09-013. NOTE 1: THE POINT OF CONTACTS FOR SERVICES ARE: STEVE WIDDEN, 757-366-4422, EXT. 4507, STEVE.WIDDEN@L-3COM.COM OR BOB HUMSTON, 858-552-9964, BOB.HUMSTON@L-3COM.COM.

Task/Abbreviation: R-86331-022- -BERTHING BARGE TOW SVCE - PROV**MJC:** EXSYR368**Rev Date:** 11/24/2010**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 5,000**ManDays:** 60**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:**

MARMC

(R-86331-022)BERTHING BARGE TOWING REQUIRED DURING THE AVAILABILITY.

Recommended Solution:

ACCOMPLISH THE REQUIREMENTS OF MARMC LOCAL WORK TEMPLATE (LWT) 992-004 TO PROVIDE SERVICES AND TOW A CREW LIVING BARGE FROM A LOCATION TO BE DESIGNATED BY THE SUPERVISOR AND TO RETURN THE BARGE TO A LOCATION TO BE DESIGNATED BY THE SUPERVISOR UPON COMPLETION OF THE AVAILABILITY. PROVIDE AND MAINTAIN LIGHTS, PUMPS, FLOODING ALARMS, AND A 2-WAY RADIO FOR USE DURING THE TOWS. PRIOR TO TOWING THE BARGE, DEWATER ALL BILGES AND MAKE THE BARGE READY FOR A LOCAL TOW BY SECURING ALL FURNITURE, EQUIPMENT, HATCHES, DOORS, AND OPENINGS; LOCK ALL SEA VALVES CLOSED. ACCOMPLISH A PRE-TOW INSPECTION AND PROVIDE A REPORT TO THE NSA. FOR OPEN OCEAN TOWS, UTILIZE STANDARD WORK TEMPLATE (SWT) 992-025.

Reason:**Problem Description:**

BASELINE

(R-86331-022)BERTHING BARGE TOWING REQUIRED DURING THE AVAILABILITY.

Recommended Solution:

PREPARE AND TOW BERTHING BARGE TO, FROM AND WITHIN THE CONTRACTOR'S FACILITY.

Task/Abbreviation: R-86331-023- -BERTHING BARGE SVCE & RPR-PROV**MJC:** EXSYR369**Rev Date:** 11/24/2010**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 001 **Matl Cost:** 72,516 **ManDays:** 161 **Alt No:****Referenced Authority:** **Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86331-023)BERTHING BARGE SUPPORT SERVICES ARE REQUIRED DURING THE AVAILABILITY.

PROVIDE TEMPORARY SERVICES, EQUIPMENT/SYSTEMS TESTS AND INSPECTIONS, AND REQUIRED REPAIRS TO THE BERTHING BARGE WHILE IN THE CONTRACTOR'S FACILITY. NOTE: THE SHIP'S COMMANDING OFFICER SHALL NEGOTIATE WITH THE NAVAL SUPERVISING ACTIVITY A FORMAL WRITTEN PRE-AVAILABILITY AGREEMENT WHICH SHALL DEFINE AND ESTABLISH THE CRITERIA PREREQUISITE FOR CREW MOVE ONBOARD AND TURNOVER OF HABITABILITY SPACES. SUBMIT A COPY OF THE AGREEMENT TO THE TYPE COMMANDER.

Reason:**Problem Description:****Recommended Solution:**

MARMC

(R-86331-023)TEMPORARY SERVICES AND EQUIPMENT REPAIRS FOR CREW LIVING BARGE REQUIRED.

ACCOMPLISH THE REQUIREMENTS OF SWT 992-13 TO PROVIDE TEMPORARY SERVICES, EQUIPMENT/SYSTEMS TESTS AND INSPECTIONS, AND REQUIRED REPAIRS TO A CREW LIVING BARGE IN THE CONTRACTOR'S PLANT. TEMPORARY SERVICES SHALL BE PROVIDED STARTING TWO WEEKS PRIOR TO THE AVAILABILITY AND CONTINUE FOR THE ENTIRE CONTRACT PERIOD. TEMPORARY SERVICES TO INCLUDE BASIC CABLE TV SERVICE. TEST AND INSPECT THE BARGE EQUIPMENT/SYSTEMS TO VERIFY PROPER OPERATION IMMEDIATELY UPON CONNECTION OF SERVICES. PRIOR TO SHIP'S FORCE MOVE ABOARD, PROVIDE 100 MANDAYS LABOR AND 20,000 DOLLARS OF MATERIAL TO REPAIR THE CREW LIVING BARGE EQUIPMENT/SYSTEMS AS DIRECTED BY THE SUPERVISOR. MAINTAIN THE BARGE DURING SHIP'S FORCE OCCUPANCY AS DIRECTED BY THE NSA. TEST AND INSPECT THE BARGE EQUIPMENT/ SYSTEMS AGAIN TEN DAYS PRIOR TO SCHEDULED CREW MOVE OFF AND ACCOMPLISH REQUIRED REPAIRS AS DIRECTED BY THE SUPERVISOR. THOROUGHLY CLEAN THE BARGE AFTER CREW MOVE OFF TO INCLUDE FUMIGATION AND WINTERIZING.

Task/Abbreviation:		R-86331-024- -BERTHING BARGE TEMP SVCE- PROV		MJC:	EXSYR370	Rev Date:	11/6/2009				
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	001	Removal Required:					
Lvl of Maint:	1	Freq:	0	Equip/Task:	001	Matl Cost:	14,503	ManDays:	113	Alt No:	
Referenced Authority:		Repair Pool:		MCC:		3					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86331-024)BERTHING BARGE TEMPORARY SERVICES ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE TEMPORARY SERVICES FOR THE BERTHING BARGE WHILE IN THE CONTRACTOR'S FACILITY. NOTE: THE SHIP'S COMMANDING OFFICER SHALL NEGOTIATE WITH THE NAVAL SUPERVISING ACTIVITY A FORMAL WRITTEN PRE-AVAILABILITY AGREEMENT WHICH SHALL DEFINE AND ESTABLISH THE CRITERIA PREREQUISITE FOR CREW MOVE ONBOARD AND TURNOVER OF HABITABILITY SPACES. SUBMIT A COPY OF THE AGREEMENT TO THE TYPE COMMANDER.

Task/Abbreviation: R-86331-025- -BERTHING BARGE TST/REPAIR-PROV		MJC: EXSYR371	Rev Date: 11/6/2009		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 58,013	ManDays: 48	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86331-025)BERTHING BARGE TEMPORARY SERVICES ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE EQUIPMENT/SYSTEMS TESTS AND INSPECTIONS, AND REQUIRED REPAIRS TO THE BERTHING BARGE WHILE IN THE CONTRACTOR'S FACILITY. NOTE: THE SHIP'S COMMANDING OFFICER SHALL NEGOTIATE WITH THE NAVAL SUPERVISING ACTIVITY A FORMAL WRITTEN PRE-AVAILABILITY AGREEMENT WHICH SHALL DEFINE AND ESTABLISH THE CRITERIA PREREQUISITE FOR CREW MOVE ONBOARD AND TURNOVER OF HABITABILITY SPACES. SUBMIT A COPY OF THE AGREEMENT TO THE TYPE COMMANDER.

Task/Abbreviation: R-86341-001- -SHIP - DOCK/UNDOCK				MJC: EXSYR111		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs: D/D	Qty: 001		Removal Required:	
Lvl of Maint: 1		Freq: 0	Equip/Task: 001	Matl Cost: 194,939	ManDays: 314	Alt No:	
Referenced Authority:			Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86341-001)SERVICES TO DOCK AND UNDOCK THE SHIP DURING THE AVAILABILITY ARE REQUIRED.	DOCK AND UNDOCK THE SHIP IN ACCORDANCE WITH THE DOCKING PLAN AS FOLLOWS: A. FURNISH CERTIFIED DRYDOCK, QUALIFIED PERSONNEL AND EQUIPMENT. B. PROVIDE A DOCKMASTER, PILOTS AND PERSONNEL FOR COMPLETE TRANSFER, DOCKING AND UNDOCKING. C. PROVIDE, SET AND ALIGN BLOCKS IN ACCORDANCE WITH DOCKING PLAN POSITION _____. D. CALCULATE STABILITY. E. PROVIDE BLOCKING LOCATION DOCUMENTATION AND DOCKING REPORT. F. CONNECT/DISCONNECT STATIC GROUND LEADS. G. MAINTAIN WATERTIGHT INTEGRITY. H. PRESSURE WASH THE UNDERWATER HULL AND FITTINGS, RUDDER(S), PROPELLER(S) AND PROPULSION SHAFTING WITHIN 8 HOURS AFTER DOCKING. NOTE: USE SWT 997-02 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86341-002- -SHIP -DOCK/UNDOCK (FDNF SHIPS)**MJC:** EXSYR302**Rev Date:** 6/9/2009**RCM Analysis:** **Scheduled:** N **Sit Reqs:** D/D**Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 194,939**ManDays:** 314**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:**

BASELINE

Problem Description:

(R-86341-002)SERVICES TO DOCK AND UNDOCK THE SHIP DURING THE AVAILABILITY ARE REQUIRED.

Recommended Solution:

DOCK AND UNDOCK THE SHIP IN ACCORDANCE WITH THE DOCKING PLAN AS FOLLOWS: A. FURNISH CERTIFIED DRYDOCK, QUALIFIED PERSONNEL AND EQUIPMENT. B. PROVIDE A DOCKMASTER, PILOTS AND PERSONNEL FOR COMPLETE TRANSFER, DOCKING AND UNDOCKING. C. PROVIDE, SET AND ALIGN BLOCKS IN ACCORDANCE WITH DOCKING PLAN POSITION _____. D. CALCULATE STABILITY. E. PROVIDE BLOCKING LOCATION DOCUMENTATION AND DOCKING REPORT. F. CONNECT/DISCONNECT STATIC GROUND LEADS. G. MAINTAIN WATERTIGHT INTEGRITY. H. PRESSURE WASH THE UNDERWATER HULL AND FITTINGS, RUDDER(S), PROPELLER(S) AND PROPULSION SHAFTING WITHIN 8 HOURS AFTER DOCKING. NOTE: USE SWT 997-02 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86351-001- -TEMP SVCE - PROV**MJC:** EXSYR079**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 194,885**ManDays:** 461**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86351-001)TEMPORARY SERVICES ARE
REQUIRED DURING THE AVAILABILITY.PROVIDE TEMP SERVICES DURING AVAIL TO INCLUDE CONNECT
AND DISCONNECT OF THE FOLLOWING SERVICES FROM SHIPS
ARRIVAL TO DEPARTURE FOR PERIODS RELATED SHIP'S SYSTEMS
ARE RESTRICTED OR INOPERATIVE DUE TO REPAIRS: CAMELS,
GANGWAYS AND BROWS; WATCH HUT; POTABLE WATER;
FIREFIGHTING, FLUSHING AND COOLING WATER; STEAM (IF APPL);
FEEDWATER (___-GALLONS), IF APPL; ELECTRONIC COOLING WATER
(___-GALLONS) IF APPL; ELECTRIC POWER, 440-VOLT, 3-PHASE,
___-AMPS, 60-HZ; TELEPHONE (___) LINES: COMPRESSED AIR (___)(___)
DECK MANIFOLDS; CLIMATE CONTROL (CAPABLE OF MAINTAINING A
50-75 DEGREE F TEMPERATURE WITHIN ELECTRONIC AND OFFICE
SPACES; PIPING SYSTEMS (PREVENT FREEZING); FIRE ZONE
BOUNDARIES; GARBAGE/TRASH COLLECTION FACILITIES AND
DISPOSAL; CO2 FIRE EXTINGUISHERS FOR FIRE WATCH; SOIL
CONNECTIONS/EFFLUENT WASTE DISPOSAL; TUG/PILOT SERVICES
FOR SHIPS ARRIVAL, TRANSFERS AND DEPARTURE; MOORING
LINES FOR SECURING SHIP TO PIER, INCLUDING GUARDS; BASIC
CABLE TV; SANITARY FACILITIES. NOTE: USE SWT 992-02 FOR
GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86351-002- -TEMP REFR STOR - PROV			MJC: EXSYR081		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 10,029	ManDays: 11	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86351-002)TEMPORARY REFRIGERATED STORAGE IS REQUIRED DURING THE AVAILABILITY.	PROVIDE AND MAINTAIN THE FOLLOWING TEMPORARY REFRIGERATED STORAGE (CHILLER AND FREEZER) FOR USE DURING PERIODS WHEN THE SHIP'S FACILITIES ARE NOT USEABLE. A. ONE (1) CHILLER 3500 CU FT B. ONE (1) FREEZER 3500 CU FT. NOTE: USE SWT 992-23 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86351-003- -SHIP - REFUEL ASSIST**MJC:** EXSYR084**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 6,287**ManDays:** 73**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 4**Reason:****Problem Description:****Recommended Solution:**

MARMC

(R-86351-003)FUELING ASSIST REQUIRED

ACCOMPLISH THE REQUIREMENTS OF SPORT LOCAL WORK TEMPLATE (LWT) 992-27 TO PROVIDE FUEL ASSISTANCE AND TOWBOAT SERVICES FOR FUEL BARGES. ALLOW 2 DAYS FOR THE GOVT TO REFUEL THE SHIP PRIOR TO MACHINERY SPACE TURNOVER. PROVIDE PILOT, TOWING BRIDLE, AND TOWBOAT SERVICES TO TOW TWO FUEL BARGES FROM CRANEY ISLAND FUEL DEPOT TO THE CONTRACTOR'S PLANT ADJACENT TO THE SHIP. UPON COMPLETION OF FUELING EVOLUTION, RETURN THE BARGES TO CRANEY ISLAND.

Reason:**Problem Description:****Recommended Solution:**

BASELINE

(R-86351-003)REFUEL SHIP SERVICES REQUIRED

REFUEL SHIP - ACCOMPLISH THE FOLLOWING: A. PROVIDE TWO (2) DAYS SERVICES TO REFUEL DISTILLATE FUEL, JP-5 AND LUBRICATING OIL. B. PROVIDE SERVICES TO TRANSPORT AND RETURN FUEL OIL BARGE TO AND FROM CONTRACTOR'S FACILITY. NOTE: 1. FOR SHIPS WITH UNCOMPENSATED FUEL OIL STORAGE TANKS, NO TANK SHOULD BE FILLED BEYOND 95 PERCENT CAPACITY. 2. FOR SHIPS WITH COMPENSATED FUEL OIL STORAGE TANKS, DO NOT FILL THE LAST TANK IN A BANK BEYOND 85 PERCENT FULL WHEN IN-PORT OR BEYOND 95 PERCENT FULL WHEN AT SEA.

Task/Abbreviation: R-86351-004- -HURRICANE PREP - ACCOMP				MJC: EXSYR097		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 12,000		ManDays: 150		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86351-004)SERVICES TO PREPARE THE VESSEL FOR HURRICANE CONDITIONS DURING THE AVAILABILITY ARE REQUIRED.	HURRICANE PREPARATIONS - PROVIDE SERVICES TO PREPARE/RESTORE VESSEL FOR HURRICANE CONDITIONS IN ACCORDANCE WITH SHIPYARD GUIDELINES. NOTE: FOR PRIVATE SECTOR AVAILABILITIES, ACCOMPLISH IAW REQUIREMENTS OF THE HEAVY WEATHER PLAN DEVELOPED PER NAVSEA STANDARD ITEM 009-69.

Task/Abbreviation: R-86351-009- -TEMP A/C - PROV			MJC: EXSYR162		Rev Date: 6/9/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10,835	ManDays: 73	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86351-009)VARIOUS ELECTRONICS/ELECTRICAL SPACES AND OFFICE SPACES REQUIRE TEMPORARY AIR CONDITIONING SERVICE DURING THE AVAILABILITY TO SUPPORT SHIP'S FORCE ADMINISTRATIVE WORK, ADP AND SHIP'S COMMUNICATIONS.	PROVIDE, INSTALL AND MAINTAIN TEMPORARY AIR CONDITIONING FOR VARIOUS ELECTRONICS/ELECTRICAL SPACES AND OFFICE SPACES AS DESIGNATED. DISCONNECT AND REMOVE TEMPORARY AIR CONDITIONING WHEN DIRECTED BY THE NAVAL SUPERVISING ACTIVITY. NOTE 1: KEY SPACES THAT REQUIRE TEMPORARY AIR CONDITIONING DURING THE AVAILABILITY ARE TO BE IDENTIFIED BY SHIP'S FORCE NO LATER THAN THE WORK PACKAGE INTEGRATION CONFERENCE (WPIC). NOTE 2: TYPICAL SPACES THAT MAY REQUIRE TEMPORARY AIR CONDITIONING INCLUDE :(1) SNAP/ADP ROOM/LAN OFFICE, (2) DC CENTRAL/CENTRAL CONTROL STATION, (3) COMM CENTER/RADIO CENTRAL/RADIO ROOM, (4) IC/GYRO ROOM (5) CENTRAL OFFICE COMPLEX.

Task/Abbreviation:		R-86351-014- -WATERWAY SECURITY BARRIER-PROV		MJC: EXSYR183		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 300		ManDays: 25		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86351-014)WATERWAY BARRIER SECURITY BOOM REQUIRED DURING THE SHIPYARD AVAILABILITY.	PICK UP APPROX 600 FEET OF TUFFLOAT 2 WATERWAY BARRIER SECURITY BOOM FROM A LOCATION TO BE DESIGNATED BY THE SUPERVISOR AND TRANSPORT TO CONTRACTOR'S FACILITY. TRANSPORT WILL NOT EXCEED 35 MILES. INSTALL WATERWAY BARRIER SECURITY BOOM WITHIN ONE DAY OF VESSEL ARRIVAL. MODIFY BARRIER AS REQUIRED AND AS DIRECTED BY THE SUPERVISOR. UTILIZE ANCHORED BUOYS AT EACH END OF THE BARRIER AND AT 150 FOOT INTERVALS TO KEEP THE BARRIER IN ESTABLISHED POSITION. DISCONNECT AND RECONNECT BARRIER FOUR TIMES TO ALLOW CRANES, BARGES, SMALL CRAFT, ETC. TO ENTER THE SECURED AREA. MAINTAIN BARRIER FOR DURATION OF CONTRACT. WHEN DIRECTED BY THE SUPERVISOR, DISCONNECT AND REMOVE THE BARRIER. POWER WASH THE REMOVED BARRIER AND TRANSPORT TO A LOCATION TO BE DESIGNATED BY THE SUPERVISOR WITHIN 35 MILES OF CONTRACTOR'S FACILITY. NOTE: THIS ITEM IS ONLY APPLICABLE TO CNO AVAILABILITIES WITHIN THE NORFOLK HOMEPORT AREA.

Task/Abbreviation: R-86351-015- -T-1 LINE - PROV**MJC:** EXSYR151**Rev Date:** 6/9/2009**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 560 **ManDays:** 8 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86351-015)A DEDICATED T-1 LINE CONNECTION IS NEEDED TO PROVIDE NIPRNET AND SIPRNET SERVICE FOR SHIPS IN AN AVAILABILITY AT A COMMERCIAL SHIPYARD.

PROVIDE A DEDICATED T-1 LINE CONNECTION FOR NIPRNET AND SIPRNET SERVICE TO THE SHIP ON A CONTINUOUS BASIS, 24 HOURS PER DAY, DURING THE ENTIRE AVAILABILITY. CONDUCT AN INITIAL TEST OF THE T-1 CIRCUIT TO ENSURE THAT IT IS CAPABLE OF SUPPORTING COMMUNICATIONS TRAFFIC. NOTE 1: IF THE SHIP WILL BE MOORED AT MORE THAN ONE LOCATION/FACILITY DURING THE AVAILABILITY, PROVIDE A T-1 LINE CONNECTION AT EACH LOCATION/FACILITY. NOTE 2: THIS TASK IS ONLY APPLICABLE TO PRIVATE SECTOR AVAILABILITIES AT A COMMERCIAL SHIPYARD.

Reason:**Problem Description:****Recommended Solution:**

MARMC

(R-86351-015)T-1 LINE CONNECTIVITY FOR NIPRNET/SIPRNET SUPPORT REQUIRED DURING AVAILABILITY AT A COMMERCIAL SHIPYARD

UTILIZE SMWG STANDARD WORK TEMPLATE (SWT) 992-09 TO PROVIDE A TRANSPORT CONTROL PROTOCOL/INTERNET PROTOCOL (TCP/IP) BASED T-1 TYPE COMPUTER NETWORK POINT TO POINT CONNECTION FOR DIRECT LINE CONNECTIVITY FROM THE PIERSIDE RISER SUPPORTING THE SHIP TO THE LOCAL GOVT COMMUNICATIONS FACILITY THAT CAN CONNECT TO THE UNIFIED ATLANTIC REGION NETWORK OPERATIONS CENTER (UARNOC) . TEST THE T-1 CIRCUIT FROM THE RISER TO THE LOCAL GOVT COMMUNICATIONS FACILITY TO ENSURE THE CIRCUIT IS STABLE AND CAPABLE OF SUPPORTING COMMUNICATIONS TRAFFIC. RELOCATE THE T-1 CONNECTION EACH TIME THE SHIP IS MOVED AND NOTIFY THE SHIP THAT CONNECTIVITY IS COMPLETE.

Task/Abbreviation:		R-86351-016- -TRANSP SVCE (SHIP-NAVSTA)-PROV		MJC:	EXSYR362	Rev Date:	6/8/2009				
RCM Analysis:		Scheduled:	N	Sit Reqs:	Qty:	001	Removal Required:				
Lvl of Maint:	1	Freq:	0	Equip/Task:	001	Matl Cost:	15,000	ManDays:	115	Alt No:	
Referenced Authority:		Repair Pool:		MCC:		3					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86351-016)CREW TRANSPORTATION IS REQUIRED.	PROVIDE CREW TRANSPORTATION TO AND FROM THE SHIP AND TO AND FROM THE NAVAL STATION WHILE THE SHIP IS AT THE CONTRACTOR'S FACILITY. NUMBER OF TRIPS AND TIMES TO BE DETERMINED.
Reason:	Problem Description:	Recommended Solution:
SWRMC	(R-86351-016)CREW TRANSPORTATION IS REQUIRED.	PROVIDE CREW TRANSPORTATION TO AND FROM THE SHIP AND TO AND FROM THE NAVAL STATION WHILE THE SHIP IS AT THE CONTRACTOR'S FACILITY. NUMBER OF TRIPS AND TIMES TO BE DETERMINED. NOTE: THIS ITEM IS ONLY APPLICABLE TO DRYDOCKING AVAILABILITIES ACCOMPLISHED IN THE SAN DIEGO HOMEPORT AREA OR SAN DIEGO HOMEPORT AREA NON-DRYDOCKING AVAILABILITIES NOT ACCOMPLISHED AT THE NAVAL STATION.

Task/Abbreviation: R-86351-017- -TRANSPORTATION SERVICES - PROV		MJC: EXSYR363	Rev Date: 6/8/2009		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 2,562	ManDays: 29	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86351-017)CREW TRANSPORTATION IS REQUIRED FOR CNO AVAILABILITIES WITHIN THE SAN DIEGO HOMEPORT AREA.	PROVIDE CREW TRANSPORTATION.
Reason:	Problem Description:	Recommended Solution:
MARMC	(R-86351-017)TRANSPORTATION SERVICES FOR PERSONNEL AND EQUIPMENT ARE REQUIRED TO SUPPORT SHIPYARD WORK DURING THE DEPOT LEVEL AVAILABILITY.	PROVIDE TRANSPORTATION SERVICES BETWEEN THE CONTRACTOR'S PLANT AND THE SHIP FOR PERSONNEL AND EQUIPMENT IN SUPPORT OF SHIPYARD WORK DURING THE DEPOT LEVEL AVAILABILITY.

Task/Abbreviation: R-86352-001- -HAND AND PWR TOOLS - PROV				MJC: EXSYR285		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 976		ManDays: 57		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86352-001)HAND AND POWER TOOLS FOR TEMPORARY USE BY SHIP'S FORCE DURING THE AVAILABILITY ARE REQUIRED.	PROVIDE HAND AND POWER TOOLS OF INDUSTRIAL QUALITY, MEETING OSHA SAFETY REQUIREMENTS, IN A LIKE NEW CONDITION FOR TEMPORARY USE BY SHIP'S FORCE DURING THE AVAILABILITY IN ACCORDANCE WITH SHIPYARD PROCEDURES.

Task/Abbreviation: R-86352-002- -GOVT ACT TEMP STOR SPACES-PROV**MJC:** EXSYR314**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 26,746**ManDays:** 43**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86352-002)NEED GOVT ACTIVITIES TEMP STOR SPACES DURING AVLBL

TEMP STORAGE SPACES - ACCOMPLISH FOLLOWING: A. PROVIDE FOLLOWING WEATHERPROOF, LOCKED, TEMP STORAGE SPACES ASHORE, FURNISHED WITH LIGHTS, 120 VAC (24 HOUR SERVICE), SHELVING & TWO EACH 15 LB. CO2 FIRE EXTINGUISHERS AT EACH LOCATION FOR OTHER GOVT ACTIVITIES (AIT, TIGER TEAMS, ETC.) USE AS REQUIRED: 1. HAZARDOUS MATERIAL STORAGE - (____) SQ. FT. MINIMUM FLOOR SPACE 2. FLAMMABLE LIQUIDS STORAGE (PAINT, FLAMMABLE & CORROSIVE LIQUIDS) - (____) SQ. FT. MINIMUM FLOOR SPACE. 3. SECURE, HEATED WAREHOUSE SPACE - (____) SQ. FT. MINIMUM FLOOR SPACE. B. PROVIDE FOLLOWING FOR HAZ MATERIAL & FLAMMABLE LIQUIDS STORAGE SPACES: 1. VENTILATION. 2. PORTABLE EYE WASH STATION LOCATED ADJACENT TO THESE TWO SPACES. IF THE TWO SPACES ARE NOT LOCATED TOGETHER, PROVIDE A PORTABLE EYE WASH STATION FOR EACH SPACE. NOTES: 1. THE HAZ MATERIAL & FLAMMABLE LIQUIDS STORAGE SPACES SHALL BE LOCATED WITHIN CLOSE PROXIMITY TO THE SHIP AS APPROVED BY LOCAL CODES & REGULATIONS. SEPARATE EACH OF THESE SPACES FROM OTHER STRUCTURES BY A MINIMUM OF 25 FEET. 2. TO PROVIDE HAZ MATERIAL & FLAMMABLE LIQUIDS STORAGE USE SWT 993-01 FOR GUIDANCE IN DEVELOPING SPEC

Task/Abbreviation: R-86361-001- -TEMPORARY ACCESSES - PROV**MJC:** EXSYR380**Rev Date:** 4/23/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 2,160**ManDays:** 57**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86361-001)TEMPORARY ACCESSES REQUIRED DURING THE AVAILABILITY.

PROVIDE TEMPORARY ACCESSES AS FOLLOWS: A. PROVIDE TEMPORARY ACCESS OPENINGS FOR REMOVAL AND INSTALLATION OF EQUIPMENT AND MACHINERY FOR AUTHORIZED REPAIRS AND TO PROVIDE FOR GENERAL PERSONNEL ACCESS. B. REMOVE AND REINSTALL ASSOCIATED INTERFERENCES. C. PROVIDE, INSTALL, MAINTAIN AND REMOVE TEMPORARY SAFETY RAILS AND COAMING FOR TEMPORARY ACCESS OPENINGS. D. PROVIDE AND MAINTAIN TEMPORARY CLOSURES TO PRESERVE SHIP'S WATERTIGHT INTEGRITY AND TO PROTECT THE SHIP FROM THE WEATHER AND CONTAMINATION. INSTALL CLOSURES WHENEVER THE ACCESS IS NOT IN USE. NOTE 1: ANY ACCESS OPENING WHICH IS SOLELY FOR THE PURPOSE OF SUPPORTING REPAIR WORK REQUIRED BY A SINGLE REPAIR WORK ITEM SHALL BE CHARGED TO THE WORK ITEM REQUIRING THAT ACCESS EVEN THOUGH THE ACCOMPLISHMENT OF OTHER WORK ITEMS MAY BENEFIT FROM THE EXISTENCE OF THAT ACCESS WHILE IT IS OPEN. NOTE 2: ANY ACCESS OPENING WHICH IS SOLELY FOR THE PURPOSE OF SUPPORTING ACCOMPLISHMENT OF AN ALTERATION SHALL BE CHARGED TO THE ALTERATION REQUIRING THAT ACCESS. NOTE 3: THIS TASK IS NOT REQUIRED WHEN NAVSEA CATEGORY 1 STANDARD ITEM 009-05 IS INVOKED AS PART OF THE SOLICITATION.

Task/Abbreviation:		R-86371-001- -ADV PLNG TECH SPRT (TYC) -PROV		MJC:	EXSYR043	Rev Date:	6/10/2009				
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	001	Removal Required:					
Lvl of Maint:	1	Freq:	0	Equip/Task:	001	Matl Cost:	4,443	ManDays:	40	Alt No:	
Referenced Authority:		Repair Pool:		MCC:		3					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86371-001)TECHNICAL LIBRARY AND REPRODUCTION SUPPORT SERVICES ARE REQUIRED DURING THE ADVANCE PLANNING PHASE OF THE AVAILABILITY.	PROVIDE AT THE CONTRACTOR'S FACILITY THE FOLLOWING TECHNICAL SUPPORT DURING THE ADVANCE PLANNING PHASE: A. A TECHNICAL LIBRARY CONTAINING DATA AND DRAWINGS NECESSARY TO SUPPORT THE PLANNING EFFORT. THIS SHOULD INCLUDE GENERAL TECHNICAL INFORMATION (MILITARY STANDARDS, INDUSTRY STANDARDS, APPLICABLE NAVY AND DOD DIRECTIVES) AS WELL AS TECHNICAL MANUALS, SHIP'S INFORMATION BOOKS AND SHIP'S DRAWINGS. B. A CAPABILITY FOR BLUEPRINT REPRODUCTION. C. A CAPABILITY FOR MICROFICHE/APERTURE CARD READING AND REPRODUCTION. D. A WORD PROCESSING CAPABILITY. TYCOM PORTION

Task/Abbreviation:		R-86371-002- -AVLBL TECH SPRT (TYC) - PROV		MJC: EXSYR227		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 10,106		ManDays: 50		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86371-002)TECHNICAL LIBRARY AND REPRODUCTION SUPPORT SERVICES ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE AT THE CONTRACTOR'S FACILITY THE FOLLOWING TECHNICAL SUPPORT DURING THE AVAILABILITY PERIOD: A. A TECHNICAL LIBRARY CONTAINING DATA AND DRAWINGS NECESSARY TO SUPPORT THE PLANNING EFFORT. THIS SHOULD INCLUDE GENERAL TECHNICAL INFORMATION (MILITARY STANDARDS, INDUSTRY STANDARDS, APPLICABLE NAVY AND DOD DIRECTIVES) AS WELL AS TECHNICAL MANUALS, SHIP'S INFORMATION BOOKS AND SHIP'S DRAWINGS. B. A CAPABILITY FOR BLUEPRINT REPRODUCTION. C. A CAPABILITY FOR MICROFICHE/APERTURE CARD READING AND REPRODUCTION. D. A WORD PROCESSING CAPABILITY. TYCOM PORTION

Task/Abbreviation: R-86371-003- -ADV PLNG TECH SPRT (NSSC)-PROV			MJC: EXSYR045		Rev Date: 6/10/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 1,333	ManDays: 12	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86371-003)TECHNICAL LIBRARY AND REPRODUCTION SUPPORT SERVICES ARE REQUIRED DURING THE ADVANCE PLANNING PHASE OF THE AVAILABILITY.	PROVIDE AT THE CONTRACTOR'S FACILITY THE FOLLOWING TECHNICAL SUPPORT DURING THE ADVANCE PLANNING PHASE: A. A TECHNICAL LIBRARY CONTAINING DATA AND DRAWINGS NECESSARY TO SUPPORT THE PLANNING EFFORT. THIS SHOULD INCLUDE GENERAL TECHNICAL INFORMATION (MILITARY STANDARDS, INDUSTRY STANDARDS, APPLICABLE NAVY AND DOD DIRECTIVES) AS WELL AS TECHNICAL MANUALS, SHIP'S INFORMATION BOOKS AND SHIP'S DRAWINGS. B. A CAPABILITY FOR BLUEPRINT REPRODUCTION. C. A CAPABILITY FOR MICROFICHE/APERTURE CARD READING AND REPRODUCTION. D. A WORD PROCESSING CAPABILITY. NAVSEA PORTION

Task/Abbreviation: R-86371-004- -AVLBL TECH SPRT (NSSC) - PROV				MJC: EXSYR229		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 3,032		ManDays: 15		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86371-004)TECHNICAL LIBRARY AND REPRODUCTION SUPPORT SERVICES ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE AT THE CONTRACTOR'S FACILITY THE FOLLOWING TECHNICAL SUPPORT DURING THE AVAILABILITY PERIOD: A. A TECHNICAL LIBRARY CONTAINING DATA AND DRAWINGS NECESSARY TO SUPPORT THE PLANNING EFFORT. THIS SHOULD INCLUDE GENERAL TECHNICAL INFORMATION (MILITARY STANDARDS, INDUSTRY STANDARDS, APPLICABLE NAVY AND DOD DIRECTIVES) AS WELL AS TECHNICAL MANUALS, SHIP'S INFORMATION BOOKS AND SHIP'S DRAWINGS. B. A CAPABILITY FOR BLUEPRINT REPRODUCTION. C. A CAPABILITY FOR MICROFICHE/APERTURE CARD READING AND REPRODUCTION. D. A WORD PROCESSING CAPABILITY. NAVSEA PORTION

Task/Abbreviation: R-86411-001- -SF - ASSIST			MJC: EXSYR055		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 8,580	ManDays: 147	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86411-001)SERVICES TO PROVIDE INDUSTRIAL ASSISTANCE IN SUPPORT OF SHIP'S FORCE WORK ARE REQUIRED.	ASSIST SHIPS FORCE (ASF): PROVIDE INDUSTRIAL ASSISTANCE IN SUPPORT OF SHIP'S FORCE WORK LIMITED BY FUNDS AUTHORIZED. ASSISTANCE TO BE PROVIDED ONLY WHEN REQUESTED BY THE COMMANDING OFFICER AND AUTHORIZED BY THE NAVAL SUPERVISING ACTIVITY. PROVIDE () MANDAYS AND (\$) MATERIAL.

Task/Abbreviation: R-86411-002- -GOVT REPS - ASSIST				MJC: EXSYR236		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 9,279	ManDays: 27	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86411-002)SERVICES TO PROVIDE INDUSTRIAL ASSISTANCE IN SUPPORT OF WORK BY GOVERNMENT REPRESENTATIVES ARE REQUIRED.	PROVIDE INDUSTRIAL ASSISTANCE IN SUPPORT OF GOVERNMENT REPRESENTATIVES TO THE LIMIT OF FUNDS AUTHORIZED. ASSISTANCE TO BE PROVIDED AS AUTHORIZED BY THE NAVAL SUPERVISING ACTIVITY. PROVIDE () MANDAYS AND (\$) MATERIAL. NOTE 1: THIS ITEM REQUIRED TO SUPPORT THIRD PARTY ALTERATIONS AND REPAIRS. NOTE 2: FOR INDUSTRIAL ASSISTANCE TO ALTERATION INSTALLATION TEAM (AIT), USE APPLICABLE PORTIONS OF SWT 980-04 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86411-003- -HAB SELF-HELP PROJ - SPRT				MJC: EXSYR057		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 1,700		ManDays: 62		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86411-003)SERVICES TO PROVIDE INDUSTRIAL ASSISTANCE TO SUPPORT THE SELF-HELP HABITABILITY IMPROVEMENT PROJECT ARE REQUIRED.	ACCOMPLISH THE FOLLOWING IN SUPPORT OF SELF-HELP HABITABILITY IMPROVEMENT PROJECT: A. PROVIDE () SQ. FT. OF SECURE STORAGE SPACE. B. TEST AND REMOVE HAZARDOUS MATERIAL (ASBESTOS, LEAD BASED AND ZINC CHROMATE PAINTS, PCB GASKETS, ETC.) IN AREAS AFFECTED BY THE SELF-HELP HABITABILITY IMPROVEMENT PROJECT. C. PROVIDE AUTHORIZED DESIGNATED TRADE SUPPORT. NOTE: STORAGE, TRANSPORT AND DISPOSAL OF HAZARDOUS WASTE MATERIAL IS COVERED UNDER TASK R-86591-01.

Task/Abbreviation: R-86411-004- -LIGHT-OFF ASSISTANCE - PROV		MJC: EXSYR238	Rev Date: 6/9/2009		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 11,681	ManDays: 128	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86411-004)SERVICES TO PROVIDE LIGHT-OFF ASSISTANCE IN SUPPORT OF SHIP'S FORCE WORK ARE REQUIRED.	PROVIDE LIGHT-OFF ASSISTANCE IN SUPPORT OF SHIP'S FORCE LIMITED BY FUNDS AUTHORIZED. ASSISTANCE TO BE PROVIDED AS AUTHORIZED BY THE NAVAL SUPERVISING ACTIVITY. PROVIDE (__) MANDAYS AND (\$____) MATERIAL. NOTE: FOR LOA, THIS TASK IS NOT TO BE INCLUDED IN WORK PACKAGES FOR COMNAVSURFPAC STANDARD NINE-WEEK AVAILABILITIES.

Task/Abbreviation: R-86411-005- -OMPC ASSIST - PROV**MJC:** EXSYR324**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 3,000**ManDays:** 88**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86411-005)ON-SITE MAINTENANCE PROCESS COORDINATION (OMPC) TO SUPPORT SHIP'S FORCE MAINTENANCE EFFORTS IS REQUIRED DURING CNO AVAILABILITY.

ACCOMPLISH ON-SITE MAINTENANCE PROCESS COORDINATION (OMPC) PROGRAM TO SUPPORT SHIP'S FORCE MAINTENANCE EFFORTS WITH TECHNICAL EXPERTISE, MATERIALS, SPECIAL TOOLS, SPECIALIZED TRADE LABOR, AND HANDS-ON ASSISTANCE DURING CNO AVAILABILITY. OMPC TO INCLUDE: A) REVIEW CSMP WITH S/F TO IDENTIFY JOBS REQUIRING OMPC ASSIST; B) IDENTIFY AND ARRANGE FOR MATL, SERVICES, SPECIAL TOOLS, REQUIRED SKILLS, ETC. C) ASSIST S/F IN ACCOMPLISHING REQUIRED REPAIRS; D) ASSIST S/F TO ACCOMPLISH REQUIRED OPERATIONAL AND/OR WEIGHT TESTING; E) PROVIDE TECHNICAL INFO, ASSISTANCE, AND GUIDANCE TO PERFORMING CONTRACTORS AS DIRECTED BY PORT ENGINEER; F) AT AVAILABILITY END, ASSIST S/F IN OPERATIONAL TESTING, ADJUSTMENT, AND GROOMING OF H, M, AND E SYSTEMS. NOTE: SCREEN TO NSWC-CD SSES CODE 9733; POC IS BYRON WALKER, PHONE 757-312-0542, EXT. 31.

Task/Abbreviation: R-86411-006- -SF SECURITY PERS SPRT - PROV				MJC: EXSYR325		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 9,800		ManDays: 25		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86411-006)SHIPYARD SUPPORT FOR SHIP'S FORCE SECURITY PERSONNEL REQUIRED.	PROVIDE SUPPORT TO SHIP'S FORCE SECURITY PERSONNEL FOR THE ENTIRE CONTRACT PERIOD. SHIPYARD SUPPORT TO INCLUDE: (A) BERTHING SPACE AND FUEL FOR SHIP'S FORCE PROTECTION SECURITY BOAT; (B) A BARRICADED AREA AT THE FOOT OF THE BROW CONTAINING A SUITABLE ENCLOSED COVERED SECURITY CHECKPOINT WITH SIDES THAT CAN BE LOWERED TO PROTECT WATCHSTANDERS AND PERSONNEL BEING INSPECTED FROM THE WEATHER; (C) A SECURITY CHECKPOINT WITH PORTABLE HEATER AND A 6 FOOT TABLE SUITABLE FOR INSPECTING PARCELS; (D) A SECURITY WATCH SHELTER, SIMILAR TO QUARTERDECK SHELTER, FURNISHED WITH HEATER AND DIRECT TELEPHONE SERVICE. NOTE: THIS ITEM IS ONLY APPLICABLE TO CNO AVAILABILITIES WITHIN THE NORFOLK HOMEPORT AREA.

Task/Abbreviation: R-86411-007- -AIT SUPPORT - PROV			MJC: EXSYR359		Rev Date: 6/4/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 9,279	ManDays: 27	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86411-007)SERVICES TO PROVIDE INDUSTRIAL ASSISTANCE IN SUPPORT OF ALTERATION INSTALLATION TEAMS (AIT) ARE REQUIRED.	PROVIDE INDUSTRIAL ASSISTANCE IN SUPPORT OF ALTERATION INSTALLATION TEAMS (AIT) TO THE LIMIT OF FUNDS AUTHORIZED. ASSISTANCE TO BE PROVIDED AS AUTHORIZED BY THE NAVAL SUPERVISING ACTIVITY. PROVIDE () MANDAYS LABOR AND (\$) MATERIAL. NOTE 1: THIS ITEM REQUIRED TO SUPPORT THIRD PARTY ALTERATIONS. NOTE 2: USE APPLICABLE PORTIONS OF SWT 980-04 FOR GUIDANCE IN DEVELOPING SPEC.
Reason:	Problem Description:	Recommended Solution:
SWRMC	(R-86411-007)SERVICES TO PROVIDE INDUSTRIAL ASSISTANCE IN SUPPORT OF ALTERATION INSTALLATION TEAMS (AIT) ARE REQUIRED.	PROVIDE INDUSTRIAL ASSISTANCE IN SUPPORT OF ALTERATION INSTALLATION TEAMS (AIT) TO THE LIMIT OF FUNDS AUTHORIZED. ASSISTANCE TO BE PROVIDED AS AUTHORIZED BY THE NAVAL SUPERVISING ACTIVITY. PROVIDE 25 MANDAYS LABOR AND \$10,000 MATERIAL. NOTE 1: THIS ITEM REQUIRED TO SUPPORT THIRD PARTY ALTERATIONS.

Task/Abbreviation:		R-86411-008- -RMC INDUSTRIAL SUPPORT - PROV		MJC:	EXSYR372	Rev Date:	11/25/2009				
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	001	Removal Required:					
Lvl of Maint:	1	Freq:	0	Equip/Task:	001	Matl Cost:	5,000	ManDays:	115	Alt No:	
Referenced Authority:		Repair Pool:		MCC:		2					

Reason:	Problem Description:	Recommended Solution:
BIG DECK HULLS	(R-86411-008)INDUSTRIAL SUPPORT IAW SWT 980-04 REQUIRED FOR MARMC PRODUCTION TEAM ACCOMPLISHING SHIPBOARD REPAIRS AND ALTERATIONS DURING THE SHIPYARD AVAILABILITY.	PROVIDE INDUSTRIAL SERVICES IN SUPPORT OF MARMC PRODUCTION TEAM ACCOMPLISHING SHIPBOARD REPAIRS AND ALTERATIONS DURING THE SHIPYARD AVAILABILITY. SERVICES REQUIRED 8 HOURS/DAY, 5 DAYS/WEEK. REQUIRED SERVICES TO INCLUDE: (A) 15 CRANE LIFTS WITH OPERATOR, RIGGING, AND TRANSPORTATION SERVICES; (B) 100 MANDAYS LABOR AND \$5,000 MATERIAL AS DESIGNATED BY THE NSA; INCLUDES 20 MANDAYS WELDER/BURNER/BRAZER SERVICES AND 40 MANDAYS FIREWATCH SERVICES; (C) 25 MANDAYS LABOR AND \$2500 MATERIAL FOR PRESERVATION SERVICES; (D) 15 MANDAYS LABOR AND \$2500 MATERIAL FOR LAGGING/INSULATION SERVICES. POC TO BE IDENTIFIED AT THE WPIC.

Task/Abbreviation: R-86421-001- -SAMS SPRT - PROV				MJC: EXSYR201		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost:		ManDays: 29		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86421-001)SHIP AVAILABILITY MAINTENANCE SYSTEM SUPPORT SERVICES ARE REQUIRED.	PROVIDE SERVICES AND MATERIAL NECESSARY TO IMPLEMENT SHIP AVAILABILITY MAINTENANCE SYSTEM (SAMS) PROJECT EVALUATION REVIEW TECHNIQUE (PERT) CRITICAL PATH METHOD (CPM) INTEGRATION IN SUPPORT OF SHIP'S COH. UPDATE PER SUPSHIP'S PROPOSED SAMS MILESTONES AS NECESSARY. PROVIDE LIAISON BETWEEN SHIPYARD, SHIP'S FORCE AND SUPSHIP OFFICE CONCERNING ACTIVITIES.

Task/Abbreviation: R-86431-001- -ILO/ILR TASKS - ACCOMP				MJC: EXSYR223		Rev Date: 10/5/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 529		ManDays: 39		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86431-001)ACCOMPLISHMENT OF ILO/ILR TASKS IS REQUIRED.	ACCOMPLISH ILO/ILR TASKS IN ACCORDANCE WITH THE LATEST FMPMIS SCHEDULE REPORT, AND THE ILO POLICY AND PROCEDURES MANUAL NAVSEA SL105-AA-PRO SERIES. NOTE: QUESTIONS SHOULD BE DIRECTED TO THE TYPE COMMANDER ILO COORDINATOR.

Task/Abbreviation: R-86431-002- -ILO/ILR SPRT PERS - PROV				MJC: EXSYR041		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 4		Freq: 0		Equip/Task: 001		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86431-002)SHIP'S FORCE SUPPORT OF THE ILO/ILR ACTIVITY IS REQUIRED.	PROVIDE SHIP'S FORCE PERSONNEL TO SUPPORT THE ILO/ILR ACTIVITY IN ACCORDANCE WITH ILR POLICY AND PROCEDURES MANUAL NAVSEA SL105-AA-PRO SERIES.

Task/Abbreviation: R-86431-003- -EQPT TECH MANUALS - PROV				MJC: EXSYR225		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 88		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86431-003)SERVICES TO UPDATE SHIP'S SELECTED RECORDS ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE THE SHIP TWO (2) COPIES OF TECHNICAL MANUALS FOR EQUIPMENT INSTALLED DURING THE AVAILABILITY. SPECIFICATION: SL720-AA-MAN-010, FMP MANUAL, SECTION 8.

Task/Abbreviation: R-86431-004- -PTD (TYC) - PROV				MJC: EXSYR202		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 270		ManDays: 30		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86431-004)SERVICES TO UPDATE SHIP'S SELECTED RECORDS ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE PROVISIONING TECHNICAL DOCUMENTATION FOR ALL CONTRACTOR FURNISHED HULL, MECHANICAL AND ELECTRICAL/ELECTRONIC COMPONENTS OR EQUIPMENT. NOTE: FOR PRIVATE SECTOR AVAILABILITIES, THIS TASK IS ONLY APPLICABLE WHEN NAVSEA CATEGORY 1 STANDARD ITEM 009-19 IS NOT INVOKED AS PART OF THE SOLICITATION. (TYCOM FUNDED)

Task/Abbreviation: R-86431-005- -PTD (NSSC) - PROV			MJC: EXSYR016		Rev Date: 6/9/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 116	ManDays: 30	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86431-005)SERVICES TO UPDATE SHIP'S SELECTED RECORDS ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE PROVISIONING TECHNICAL DOCUMENTATION FOR ALL CONTRACTOR FURNISHED HULL, MECHANICAL AND ELECTRICAL/ELECTRONIC COMPONENTS OR EQUIPMENT. NOTE: FOR PRIVATE SECTOR AVAILABILITIES, THIS TASK IS ONLY APPLICABLE WHEN NAVSEA CATEGORY 1 STANDARD ITEM 009-19 IS NOT INVOKED AS PART OF THE SOLICITATION. (NAVSEA FUNDED)

Task/Abbreviation: R-86432-001- -SHIP'S COSAL - UPDATE				MJC: EXSYR039		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 462		ManDays: 14		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86432-001)SERVICES TO SUPPORT UPDATE OF THE SHIP'S COSAL IS REQUIRED.	FURNISH TECHNICAL, ENGINEERING AND CLERICAL SERVICES TO PREPARE CHANGES FOR HULL, MECHANICAL, ELECTRICAL, ORDNANCE AND ELECTRONICS SEGMENTS OF THE SHIP'S COSAL IN ACCORDANCE WITH FMP MANUAL SL720-AA-MAN-010, SECTION B.

Task/Abbreviation: R-86441-002- -GENERAL HOUSEKEEPING SVCE-PROV**MJC:** EXSYR374**Rev Date:** 12/10/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 350**ManDays:** 40**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86441-002)PROTECTION OF THE SHIP FROM CONTAMINATION AND MAINTAINING CLEANLINESS (GENERAL HOUSEKEEPING) IS REQUIRED DURING THE AVAILABILITY.

PROVIDE GENERAL HOUSEKEEPING DURING THE AVAILABILITY. PROVIDE PERSONNEL FOR GENERAL CLEANUP OF SPACES WHERE REPAIRS ARE IN PROGRESS ON A DAILY BASIS IAW DOD FAR CLAUSE 52.217-7104 AND AS FOLLOWS: KEEP THE WORK SITE ON THE VESSEL FREE FROM THE ACCUMULATION OF WASTE MATERIAL OR RUBBISH CAUSED BY CONTRACTOR EMPLOYEES OR BY THE WORK SPECIFIED BY INDIVIDUAL WORK ITEMS; AT WORK COMPLETION, REMOVE ALL RUBBISH FROM AND ABOUT THE WORK SITE; LEAVE THE WORK AREA VICINITY "BROOM CLEAN". NOTE: COLLECTIVELY ACCOUNT FOR GENERAL CLEANUP IN LIEU OF CHARGING AGAINST INDIVIDUAL WORK ITEMS.

Task/Abbreviation: R-86442-001- -GAS-FREE&BILGE CLNG SVCE -PROV**MJC:** EXSYR103**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 36,841**ManDays:** 659**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86442-001)GAS-FREE SERVICES, BILGE
CLEANING SERVICES AND
OFF-LOADING/ON-LOADING OF PETROLEUM
PRODUCTS REQUIRED DURING THE AVLBL

ACCOMPLISH THE REQUIREMENTS OF SWT 992-31 TO OPEN, VENTILATE, EMPTY, CLEAN, RENDER DRY AND MAINTAIN "SAFE FOR WORKERS" AND/OR "SAFE FOR HOT WORK" ANY TANK OR SPACE WHERE THE SCOPE OF REPAIRS WILL RESULT IN A NEED FOR CERTIFICATION DURING THE AVAILABILITY. INCLUDE ADJACENT TANKS, SPACES, AND/OR PIPING SYSTEMS. PUMP TANKS CONTAINING PETROLEUM PRODUCTS TO LOW SUCTION THROUGH A FLOW METER AND PROVIDE AN INVENTORY. INVENTORY TO INCLUDE CHEMICAL ANALYSIS FOR JP-5 AND DISTILLATE FUEL. JP-5 AND DISTILLATE FUEL TO BE STORED OR TRANSPORTED TO THE NEAREST NAVAL FUEL DEPOT. OFF-LOAD AND STORE LUBE OIL AND HYDRAULIC OIL. ON-LOAD PETROLEUM PRODUCTS WHEN DIRECTED. CLEAN ALL BILGES PRIOR TO INITIAL CERTIFICATION AND MAINTAIN EACH CLEAN AND DRY FOR THE DURATION OF THE AVAILABILITY. REMOVE, MEASURE, AND DISPOSE OF ADDITIONAL BILGE LIQUIDS GENERATED BY THE NAVY AFTER INITIAL CERTIFICATION. PRIOR TO SPACE TURNOVER, ACCOMPLISH A FINAL DETERGENT CLEANING OF EACH BILGE. ACCOMPLISH REPAIRS TO MANHOLES AND COVERS. INSPECT EACH TANK PRIOR TO FINAL CLOSE AND PROVIDE A REPORT.

Task/Abbreviation: R-86442-001- -GAS-FREE&BILGE CLNG SVCE -PROV**MJC:** EXSYR103**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 36,841**ManDays:** 659**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

MARMC

(R-86442-001)SPACES REQUIRED TO BE CLEANED,
CERTIFIED AND MAINTAINED GAS FREE

ACCOMPLISH THE REQUIREMENTS OF SWT 992-31 TO OPEN, VENTILATE, EMPTY, CLEAN, AND MAINTAIN "SAFE FOR WORKERS" AND/OR "SAFE FOR HOT WORK" ANY TANK OR SPACE WHERE THE SCOPE OF REPAIRS WILL RESULT IN A NEED FOR CERTIFICATION. INCLUDE ADJACENT TANKS, SPACES, AND/OR PIPING SYSTEMS. PUMP TANKS CONTAINING PETROLEUM PRODUCTS TO LOW SUCTION THROUGH A FLOW METER AND PROVIDE AN INVENTORY. INVENTORY TO INCLUDE CHEMICAL ANALYSIS FOR JP-5 AND DISTILLATE FUEL. JP-5 AND DISTILLATE FUEL TO BE STORED OR TRANSPORTED TO THE NEAREST NAVAL FUEL DEPOT. OFF-LOAD AND STORE LUBE OIL AND HYDRAULIC OIL. ON-LOAD PETROLEUM PRODUCTS WHEN DIRECTED. CLEAN ALL BILGES PRIOR TO INITIAL CERTIFICATION AND MAINTAIN EACH CLEAN AND DRY FOR THE DURATION OF THE AVAILABILITY. REMOVE, MEASURE, AND DISPOSE OF ADDITIONAL BILGE LIQUIDS GENERATED BY THE NAVY AFTER INITIAL CERTIFICATION. PRIOR TO SPACE TURNOVER, ACCOMPLISH A FINAL DETERGENT CLEANING OF EACH BILGE. ACCOMPLISH REPAIRS TO MANHOLES AND COVERS. INSPECT EACH TANK PRIOR TO FINAL CLOSE AND PROVIDE A REPORT. NOTE:QUANTITIES TO BE SPECIFIED AT WPIC.

Task/Abbreviation: R-86442-002- -T & V ASSESS TEAM SPRT - PROV		MJC: EXSYR160	Rev Date: 6/9/2009		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 800	ManDays: 28	Alt No:
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86442-002)COMSURFOR REQUIRES TANK AND VOID ASSESSMENTS BE CONDUCTED BY SUPSHIP WHEN TANKS AND VOIDS ARE OPENED AS PART OF OTHER WORK ITEMS DURING THE DEPOT AVAILABILITY.	PROVIDE COMSURFOR TANK & VOID (T & V) ASSESSMENT TEAM SUPPORT AS FOLLOWS: (A) WITHIN 15 DAYS AFTER CONTRACT AWARD, PROVIDE A LIST OF ALL TANKS, VOIDS, COFFERDAMS AND CONFINED SPACES BEING OPENED AND CERTIFIED BY THE CONTRACTOR/NAVAL SHIPYARD AS PART OF OTHER WORK ITEMS IN THE JOB ORDER. (B) PROVIDE AN UPDATED LIST AS CHANGES OCCUR. (C) NOTIFY THE SUPERVISOR AT LEAST 72 HOURS PRIOR TO ACCOMPLISHING FINAL INSPECTION OF EACH SPACE PRIOR TO FINAL CLOSING. NOTE: USE SWT 992-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation:		R-86442-005- -CLEANING AND PUMPING - ACCOMP		MJC: EXSYR364		Rev Date: 10/15/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 24,560		ManDays: 439		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86442-005)CLEANING AND PUMPING SERVICES REQUIRED TO MAINTAIN SPACES AND TANKS DRY.	OPEN, VENTILATE, CLEAN AND MAINTAIN DRY ANY SPACES, TANKS OR PIPING SYSTEMS THAT WILL REQUIRE CERTIFICATION.

Task/Abbreviation: R-86442-006- -CLEANING & PUMPING (DD)-ACCOMP		MJC: EXSYR365	Rev Date: 6/12/2009		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 10,325	ManDays: 336	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86442-006)LIQUID TANKS SCHEDULED FOR INSPECTION/PRESERVATION AND REPAIRS ARE REQUIRED TO BE CLEAN AND DRY.	REQUEST CONTRACTOR OPEN, CLEAN AND PUMP DRY ALL LIQUID TANKS SCHEDULED FOR INSPECTION/PRESERVATION OR REPAIRS. ALL TANKS SHOULD BE AT LOW SUCTION EXCEPT THOSE TANKS REQUIRED TO PROVIDE FOR CORRECT DRAFT COMING INTO THE DRY DOCK, FUEL OIL SERVICE TANKS AND ONE FUEL OIL STORAGE TANK.

Task/Abbreviation: R-86451-001- -EQPT PM - ACCOMP				MJC: EXSYR282		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 10,000		ManDays: 150		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86451-001)SERVICES TO PREVENT DETERIORATION OF EQUIPMENT DURING THE AVAILABILITY ARE REQUIRED.	ACCOMPLISH PREVENTIVE MAINTENANCE AS REQUIRED TO ENSURE THAT DETERIORATION OF EQUIPMENT CONDITION DOES NOT OCCUR.

Task/Abbreviation: R-86461-001- -FACIL FOR GOVT REPS - PROV

MJC: EXSYR086

Rev Date: 6/9/2009

RCM Analysis: Scheduled: N Sit Reqs:

Qty: 001

Removal Required:

Lvl of Maint: 1

Freq: 0

Equip/Task: 001

Matl Cost: 7,117

ManDays: 36

Alt No:

Referenced Authority:

Repair Pool:

MCC: 2

Reason:

Problem Description:

MARMC

(R-86461-001)NAVY/RMC (NSA) OFFICE SPACE REQUIRED DURING THE CNO AVAILABILITY.

Recommended Solution:

USING SMWG STANDARD WORK TEMPLATE (SWT) 992-30 FOR GUIDANCE, PROVIDE A NAVY OFFICE/TRAILER AND FURNISHINGS IN LIKE NEW CONDITION. OFFICE SPACE IS REQUIRED FROM FOURTEEN DAYS PRIOR TO AVAILABILITY START TO THIRTY DAYS AFTER AVAILABILITY COMPLETION. FOR IN-PLANT AVAILABILITIES THE OFFICE SPACE SHALL BE WITHIN 1/4 MILE OF THE SHIP AND FOR DOWNRIVER AVAILABILITIES IT SHALL BE AS DESIGNATED BY THE NSA. OFFICE SPACE TO INCLUDE PARKING SPACES, WORK STATIONS, FILE CABINETS, BOOKCASES, AND DRINKING FOUNTAIN. PROVIDE A COPIER, FAX MACHINE, AND A COMPUTER NETWORK INFRASTRUCTURE FOR CONNECTION TO THE METROPOLITAN AREA NETWORK (MAN). PROVIDE LIGHTING, HEATING, AIR CONDITIONING, AND ELECTRICAL POWER. PROVIDE APPROPRIATE SANITARY FACILITIES. CLEAN OFFICE SPACE AND SANITARY FACILITIES ON A DAILY BASIS. FOR DOWNRIVER AVAILABILITIES, PROVIDE, INSTALL, CONNECT, AND MAINTAIN ALL TEMPORARY LINES AND CABLES. REIMBURSE THE NAVAL BASE FOR GOVT PROVIDED POWER, WATER, AND TELEPHONE SERVICE.

Reason:

Problem Description:

BASELINE

(R-86461-001)OFFICE FACILITIES FOR USE BY GOVERNMENT REPRESENTATIVES ARE REQUIRED DURING THE AVAILABILITY.

Recommended Solution:

PROVIDE OFFICE FACILITIES AND PARKING SPACES FOR ____ () GOVERNMENT REPRESENTATIVES. OFFICE FACILITIES TO INCLUDE DESKS, TELEPHONES, FILE CABINET(S) AND REPRODUCING SERVICES. A. RMC; B. PLANNING YARD; C. TYCOM/CLASSRON; D. NSWC PHD; E. NSWC CD; F. CDM; G. OTHER. NOTE 1: TO PROVIDE OFFICE FACILITIES AND PARKING FOR ALTERATION INSTALLATION TEAM (AIT), USE APPLICABLE PORTIONS OF SWT 980-01 FOR GUIDANCE IN DEVELOPING SPEC. NOTE 2: TO PROVIDE OFFICE FACILITIES (WITH COMPUTERS) AND PARKING FOR RMC, USE SWT 992-29 FOR GUIDANCE IN DEVELOPING SPEC. NOTE 3: TO PROVIDE OFFICE FACILITIES (WITHOUT COMPUTERS) AND PARKING FOR RMC, USE SWT 992-30 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86491-001- -TEMP DK COVERING - PROV				MJC: EXSYR085		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 5,934	ManDays: 69	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86491-001)SERVICES TO PROVIDE AND MAINTAIN TEMPORARY DECK COVERING THROUGHOUT THE AVAILABILITY ARE REQUIRED.	INSTALL AND MAINTAIN, AS AUTHORIZED, TEMPORARY PROTECTIVE DECK COVERING IN HIGH TRAFFIC INTERIOR AREAS OF THE SHIP INCLUDING PASSAGEWAYS AND WARDROOM/MESSING AREAS THROUGHOUT THE ENTIRE AVAILABILITY. UPON COMPLETION OF THE AVAILABILITY REMOVE AND DISPOSE OF THE TEMPORARY PROTECTIVE DECK COVERING AND TAPE. NOTE: USE SWT 993-02 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86491-002- -OIL CONTAINMENT BOOM - PROV		MJC: EXSYR265	Rev Date: 6/9/2009		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 23,171	ManDays: 51	Alt No:
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86491-002)INSTALLATION OF A CONTAINMENT BOOM IS REQUIRED DURING THE AVAILABILITY.	INSTALL OIL SPILLAGE, SAND BLASTING DEBRIS AND PAINT CONTAINMENT BOOM AROUND THE ENTIRE PERIMETER OF THE SHIP DURING PERIOD SHIP IS AFLOAT AND AROUND OIL BARGE(S) AND/OR TANKER THROUGH PERIODS OF DEFUELING AND FUELING WHILE SHIP IS IN CONFINES OF REPAIR FACILITY. INSTALL CONTAINMENT BOOM AROUND BERTHING BARGE, WHEN UTILIZED. NOTE: USE APPLICABLE PORTIONS OF SWT 992-02 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86491-004- -MN RDCN GR DEHUMIDIFIER - PROV**MJC:** EXSYR279**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 4,968**ManDays:** 95**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86491-004)TEMPORARY DEHUMIDIFICATION OF THE MAIN REDUCTION GEAR(S) IS REQUIRED DURING THE AVAILABILITY.

PROVIDE TEMPORARY DEHUMIDIFIER(S) FOR MAIN REDUCTION GEAR(S) AS FOLLOWS: A. PROVIDE, INSTALL AND MAINTAIN A TEMPORARY DEHUMIDIFICATION SYSTEM ON THE REDUCTION GEAR(S) DURING ITS ENTIRE IDLE PERIOD. B. INSTALL DESICCANT TYPE DEHUMIDIFIER AS SOON AS THE GEAR LUBE OIL SYSTEM IS SECURED. HUMID AIR INLET SHALL BE ATTACHED AT TOP OF GEAR CASE AND DRY AIR OUTLET DELIVERED AT A GEAR CASE LOW POINT WHERE CIRCULATION WILL NOT BE IMPEDED. C. SILICA GEL CONTAINERS SHALL BE INSPECTED FOR OIL CONTAMINATION PERIODICALLY AND REPLACED AS NECESSARY. D. IN CONJUNCTION WITH SHIP'S FORCE, INSPECT GEAR CASE AND ROTATING ELEMENTS EVERY TWO WEEKS FOR THE PRESENCE OF RUST AND THE CONDITION OF THE OIL FILM. SHIPYARD SHALL WET INTERNAL SURFACES WITH OIL SPRAY AS NECESSARY AND MAINTAIN A RECORD OF INSPECTION. E. DEHUMIDIFICATION SHALL BE IN EFFECT AT ALL TIMES EXCEPT WHEN LUBE OIL SYSTEM IS IN OPERATION.

Task/Abbreviation: R-86491-005- -DRY AIR LAYUP - PROV				MJC: EXSYR107		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 3,099		ManDays: 19		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86491-005)DRY AIR LAY-UP OF PRESSURIZED WAVE GUIDES IS REQUIRED DURING THE AVAILABILITY.	PROVIDE DRY AIR LAY-UP FOR ALL PRESSURIZED WAVE GUIDES AND MAINTAIN THROUGHOUT THE AVAILABILITY.

Task/Abbreviation: R-86511-001- -STAGING FOR SY WORK - PROV				MJC: EXSYR254		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 7,511		ManDays: 134		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86511-001)STAGING IS REQUIRED TO SUPPORT SHIPYARD WORK ON THE MAST.	PROVIDE SERVICES FOR INSTALLING, MAINTAINING AND REMOVING STAGING AND SCAFFOLDING FOR WORK PERFORMED BY THE SHIPYARD ON THE MAST, INCLUDING PLATFORMS AND YARDARMS.

Task/Abbreviation: R-86512-001- -STAGING FOR SF WORK - PROV				MJC: EXSYR284		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 10,375		ManDays: 115		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86512-001)STAGING IS REQUIRED TO SUPPORT SHIP'S FORCE WORK ON THE MAST, SUPERSTRUCTURE AND OTHER AREAS.	PROVIDE SERVICES FOR INSTALLING, MAINTAINING AND REMOVING STAGING AND SCAFFOLDING FOR WORK PERFORMED BY SHIP'S FORCE ON THE MAST, INCLUDING PLATFORMS AND YARDARMS, SUPERSTRUCTURE AND OTHER AREAS, AS REQUIRED. NOTE: USE SWT 991-01 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86521-001- -SY CRANE/RIGGING SVCE - PROV				MJC: EXSYR277		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost:		ManDays: 319		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86521-001)CRANE AND RIGGING SERVICES ARE REQUIRED TO SUPPORT SHIPYARD WORK DURING THE AVAILABILITY.	PROVIDE CRANE, RIGGING, FORKLIFT AND EQUIPMENT TRANSPORT SERVICES AS REQUIRED IN SUPPORT OF SHIPYARD WORK.

Task/Abbreviation: R-86521-002-A-SF CRANE/RIGGING SVCE - PROV**MJC:** EXSYR105**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 679**ManDays:** 65**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86521-002)CRANE , RIGGING, FORKLIFT AND TRANSPORTATION SERVICES ARE REQUIRED TO SUPPORT SHIP'S FORCE WORK DURING THE AVAILABILITY.

PROVIDE CRANE, RIGGING, FORKLIFT AND TRANSPORTATION SERVICES IN SUPPORT OF SHIP'S FORCE WORK AND TO LOAD/UNLOAD SHIP'S FORCE MATERIAL, EQUIPMENT AND SUPPLIES THROUGHOUT THE AVAILABILITY AUTHORIZED AS FOLLOWS: A. CRANE SERVICE (WITH OPERATOR AND RIGGERS) ON A DAILY BASIS, FIVE (5) DAYS EACH WEEK, FOR A TOTAL OF ____ LIFTS. B. FORKLIFT SERVICE (WITH OPERATOR) ON A DAILY BASIS, FIVE (5) DAYS EACH WEEK, FOR A TOTAL OF ____ LIFTS. C. TRANSPORTATION SERVICE (WITH OPERATOR) TO AND FROM THE SHIP AND STORAGE SITE FOR SHIP'S FORCE ITEMS FOR A TOTAL OF ____ ROUND TRIPS. NOTE: USE SWT 993-21 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86521-004- -SF CRANE/RIGGING SVCE - PROV		MJC: EXSYR381	Rev Date: 10/14/2010		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 3,000	ManDays: 4	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86521-004)JLG AND OPERATOR SERVICES ARE REQUIRED TO SUPPORT ABS SURVEY TEAM DURING THE AVAILABILITY.	PROVIDE JLG AND OPERATOR FOR ABS SURVEY OF UNDERWATER HULL AND OVERHEAD AREAS IAW WORK SPECIFICATION 992-11. ABS TEAM SHALL NOTIFY THE MAINTENANCE TEAM (MT) 72 HOURS PRIOR TO USE OF THE JLG AND OPERATOR. ABS SURVEY TEAM WILL NOTIFY MT WHEN JLG AND OPERATOR ARE NO LONGER REQUIRED.

Task/Abbreviation: R-86571-001- -SY FIRE WATCHES - PROV**MJC:** EXSYR270**Rev Date:** 6/9/2009**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:****ManDays:** 100**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 4**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86571-001)A FIRE WATCH IS REQUIRED DURING HOT WORK.

SHIPYARD TO PROVIDE FIRE WATCHES IN THE IMMEDIATE VICINITY OF HOT WORK PERFORMED BY THE SHIPYARD. EACH FIRE WATCH SHALL HAVE A FULLY CHARGED AND OPERABLE FIRE EXTINGUISHER IN HIS POSSESSION. NOTE: THIS ITEM IS ONLY REQUIRED IF FIRE WATCHES ARE PROVIDED BY THE SHIPYARD INSTEAD OF SHIP'S FORCE WHEN NAVSEA STANDARD ITEM 009-07 IS INVOKED. (NEGOTIATED AT WPIC OR APPROXIMATELY A-6 MONTHS).

Reason:**Problem Description:****Recommended Solution:**

MARMC

(R-86571-001)CONTRACTOR PROVIDED FIREWATCHES REQUIRED TO SUPPORT HOT WORK FOR TYCOM FUNDED REPAIRS AND ALTERATIONS DURING THE CNO AVAILABILITY.

PROVIDE CONTRACTOR FURNISHED, TRAINED, AND EQUIPPED FIREWATCHES IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA CAT I STANDARD ITEM 009-07. FIREWATCHES, OTHER THAN THE HOT WORK OPERATOR, TO BE PROVIDED AT ALL AFFECTED AREAS WHEN HOT WORK IS BEING ACCOMPLISHED. FIREWATCHES SHALL BE EQUIPPED WITH A FULLY-CHARGED AND OPERABLE FIRE EXTINGUISHER; AND SHALL REMAIN AT THE JOB SITE FOR 30 MINUTES AFTER THE HOT WORK IS COMPLETED UNLESS THE HOT WORK SUPERVISOR SURVEYS THE AFFECTED AREA AND DETERMINES THAT THERE IS NO FURTHER FIRE HAZARD. WHEN HOT WORK IS PERFORMED ON A BULKHEAD OR DECK, A FIREWATCH IS REQUIRED ON THE OPPOSITE SIDE OF THE BULKHEAD, OVERHEAD, OR DECK AS WELL AS AT THE LOCATION OF THE HOTWORK.

Task/Abbreviation: R-86571-002- -SF FIRE WATCHES - PROV				MJC: EXSYR095		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 4		Freq: 0		Equip/Task: 001		Matl Cost:		ManDays:		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86571-002)A FIRE WATCH IS REQUIRED DURING HOT WORK.	SF TO PROVIDE FIRE WATCHES IN THE IMMEDIATE VICINITY OF HOT WORK PERFORMED BY THE SHIPYARD. EACH FIRE WATCH SHALL HAVE A FULLY CHARGED AND OPERABLE FIRE EXTINGUISHER IN HIS POSSESSION. NOTE: THIS ITEM IS REQUIRED IF FIRE WATCHES ARE PROVIDED BY SHIP'S FORCE AND, FOR PRIVATE SECTOR AVAILABILITIES, WHEN NAVSEA STANDARD ITEM 009-35 IS INVOKED. (NEGOTIATED AT WPIC OR APPROXIMATELY A-6 MONTHS)

Task/Abbreviation: R-86591-001- -HAZ WSTE HDLG - ACCOMP			MJC: EXSYR256		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 29,434	ManDays: 66	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86591-001)SERVICES FOR HANDLING AND DISPOSAL OF HAZARDOUS WASTE DURING THE AVAILABILITY ARE REQUIRED.	REMOVE, HANDLE, STORE, TRANSPORT AND DISPOSE OF HAZARDOUS WASTE PRODUCED BY GOVERNMENT AND CONTRACTOR PERSONNEL IN ACCORDANCE WITH NAVSEA STANDARD WORK TEMPLATE (SWT) 077-01 OR 077-02.

Task/Abbreviation:		R-86591-004- -INDUSTRIAL HYGIENIST SVCE-PROV			MJC:	EXSYR137	Rev Date:	6/9/2009			
RCM Analysis:	Scheduled:	N	Sit Reqs:		Qty:	001	Removal Required:				
Lvl of Maint:	1	Freq:	0	Equip/Task:	001	Matl Cost:	100	ManDays:	5	Alt No:	
Referenced Authority:		Repair Pool:		MCC:		2					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86591-004)SERVICE OF AN INDUSTRIAL HYGIENIST DURING THE AVAILABILITY IS REQUIRED.	INDUSTRIAL HYGIENIST - PROVIDE THE SERVICES OF AN INDUSTRIAL HYGIENIST AS REQUIRED DURING THE AVAILABILITY TO DETERMINE THE CONTENT OF PAINT AND OTHER MATERIAL SAMPLES, INCLUDING SAMPLES SUBMITTED BY SHIP'S FORCE.

Task/Abbreviation:		R-86591-005- -042-37 NAVBASE WK REQT- ACCOMP		MJC:	EXSYR331	Rev Date:	6/9/2009				
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	001	Removal Required:					
Lvl of Maint:	1	Freq:	0	Equip/Task:	001	Matl Cost:	2,000	ManDays:	50	Alt No:	
Referenced Authority:		Repair Pool:		MCC:		4					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86591-005)ENVIRONMENTAL MANAGEMENT PROCEDURE REQUIRED FOR WORK WITHIN NAVAL STATION NORFOLK AND NAVAL AMPHIBIOUS BASE LITTLE CREEK.	ACCOMPLISH THE REQUIREMENTS OF NSSA LOCAL WORK TEMPLATE (LWT) 042-37 FOR WORK TO BE ACCOMPLISHED WITHIN NAVAL STATION NORFOLK AND NAVAL AMPHIBIOUS BASE LITTLE CREEK.

Task/Abbreviation: R-86591-007- -LWT 042-32 HVY MET CTG- ACCOMP				MJC: EXSYR366		Rev Date: 10/22/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 2,430		ManDays: 28		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86591-007)LEVEL OF EFFORT FOR REMOVAL AND DISPOSAL OF MARINE COATINGS CONTAINING HEAVY METALS MATERIALS REQUIRED DURING INDUSTRIAL AVAILABILITY.	ACCOMPLISH THE REQUIREMENTS OF LOCAL WORK TEMPLATE (LWT) 042-32 TO REMOVE AND DISPOSE OF MARINE COATINGS CONTAINING HEAVY METALS MATERIALS (E.G. LEAD) DURING INDUSTRIAL AVAILABILITY. PROVIDE A MANDAY AND MATERIAL DOLLAR RESERVATION FOR ACCOMPLISHING PARAGRAPH 3.1 OF NAVSEA STD ITEM 009-03 FOR MARINE COATINGS NOT PREVIOUSLY IDENTIFIED AS CONTAINING HEAVY METALS BY ANOTHER WORK ITEM . RESERVATION AMOUNTS WILL BE AGREED TO BY THE PORT ENGINEER AND THE NSA NOT LATER THAN THE WPIC.

Task/Abbreviation: R-86621-001- -QA SVCE (TYC) - PROV			MJC: EXSYR075		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 2,937	ManDays: 202	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86621-001)QUALITY ASSURANCE SERVICES ARE REQUIRED TO SUPPORT THE AVAILABILITY.	PROVIDE QUALITY ASSURANCE SERVICES TO SUPPORT THE ACCOMPLISHMENT OF ALL AUTHORIZED PRODUCTION WORK, TO INCLUDE: A. DEVELOP AND MAINTAIN A QUALITY ASSURANCE INSPECTION SYSTEM IAW NAVSEA STANDARD ITEM 009-04. B. DEVELOP TEST AND INSPECTION DOCUMENTATION IAW NAVSEA STANDARD ITEM 009-04. C. PREPARE AND SUBMIT REQUIRED QUALITY ASSURANCE REPORTS. D. NOTIFY THE NAVAL SUPERVISING ACTIVITY OF THE DATE AND TIME OF ALL QUALITY CHECK POINTS. E. ENSURE THE AVAILABILITY OF AND PROVIDE ALL REQUIRED CALIBRATED TEST AND INSPECTION EQUIPMENT. F. INSPECT INCOMING MATERIAL AS REQUIRED TO ENSURE COMPLIANCE WITH APPLICABLE SPECIFICATIONS. NOTE: THIS TASK IS ONLY APPLICABLE TO PUBLIC SECTOR AVAILABILITIES AND TO PRIVATE SECTOR AVAILABILITIES WHEN THESE REQUIREMENTS ARE NOT INVOKED BY NAVSEA CATEGORY 1 STANDARD ITEM 009-04 IN THE SOLICITATION. (TYCOM PORTION)

Task/Abbreviation: R-86621-002- -QA SVCE (NSSC) - PROV**MJC:** EXSYR077**Rev Date:** 6/9/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 881**ManDays:** 60**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86621-002)QUALITY ASSURANCE SERVICES ARE REQUIRED TO SUPPORT THE AVAILABILITY.

PROVIDE QUALITY ASSURANCE SERVICES TO SUPPORT THE ACCOMPLISHMENT OF ALL AUTHORIZED PRODUCTION WORK, TO INCLUDE: A. DEVELOP AND MAINTAIN A QUALITY ASSURANCE INSPECTION SYSTEM IAW NAVSEA STANDARD ITEM 009-04. B. DEVELOP TEST AND INSPECTION DOCUMENTATION IAW NAVSEA STANDARD ITEM 009-04. C. PREPARE AND SUBMIT REQUIRED QUALITY ASSURANCE REPORTS. D. NOTIFY THE NAVAL SUPERVISING ACTIVITY OF THE DATE AND TIME OF ALL QUALITY CHECK POINTS. E. ENSURE THE AVAILABILITY OF AND PROVIDE ALL REQUIRED CALIBRATED TEST AND INSPECTION EQUIPMENT. F. INSPECT INCOMING MATERIAL AS REQUIRED TO ENSURE COMPLIANCE WITH APPLICABLE SPECIFICATIONS. NOTE: THIS TASK IS ONLY APPLICABLE TO PUBLIC SECTOR AVAILABILITIES AND TO PRIVATE SECTOR AVAILABILITIES WHEN THESE REQUIREMENTS ARE NOT INVOKED BY NAVSEA CATEGORY 1 STANDARD ITEM 009-04 IN THE SOLICITATION. (NAVSEA PORTION)

Task/Abbreviation: R-86631-001- -LUBE AND HYDR OIL SAMPLES-TST**MJC:** EXSYR073**Rev Date:** 6/10/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 114**ManDays:** 23**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86631-001)TESTING OF LUBE OIL AND
HYDRAULIC OIL SAMPLES IS REQUIRED.TEST/ANALYZE REPRESENTATIVE SAMPLES OF LUBE OIL AND
HYDRAULIC OIL IN ACCORDANCE WITH CURRENT SECTION OF NSTM
CHAPTER 9450 AS FOLLOWS: A. TEST LUBE OIL, AS APPLICABLE,
FOR NEUTRALIZATION NUMBER, MODIFIED NEUTRALITY,
PRECIPITATION NUMBER AND FUEL DILUTION. SHIP'S FORCE DRAW
ONE (1) QUART SAMPLES FROM THE FOLLOWING EQUIPMENT AS
APPLICABLE: MN TURBINE/REDUCTION GEAR, SPRING BRGS
(SHAFT), SSTG'S, EMER/SHIP'S SERV DIESEL, MN DIESEL ENGINES,
FDB'S, FOSP'S, FO TRANSFER PUMPS, MN CIRC PUMPS, MAIN FEED
PUMPS, BALLAST PUMPS, AIR COMPRESSORS, REFRIGERATION
COMPRESSORS AND LO STOWAGE TANKS. B. TEST HYDRAULIC OIL
FROM THE FOLLOWING EQUIPMENT AS APPLICABLE TO DETERMINE
CONFORMITY WITH THE SPECIFICATIONS PRESCRIBED FOR THE OIL
THAT IS BEING USED: ANCHOR WINDLASS, STEERING GEAR, B&A
CRANE, DECK WINCHES, STERN GATE AND WEAPONS SYSTEMS. C.
SUBMIT REPORT OF ANALYSIS, INCLUDING STATEMENT OF
SUITABILITY FOR CONTINUED USE.

Task/Abbreviation: R-86721-001- -RESERVATION FOR CS RPR - PROV				MJC: EXSYR219		Rev Date: 6/10/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 2,529		ManDays: 24		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86721-001)REPAIR OF COMBAT SYSTEM TESTING DISCREPANCIES IS REQUIRED.	PROVIDE ___ MANDAYS OF TECHNICAL SERVICES AND \$___ OF MATERIAL TO CORRECT DEFECTS OR TO ACCOMPLISH GOVERNMENT-RESPONSIBLE REPAIRS DURING COMBAT SYSTEM TESTING. NOTE: TYCOM ESTABLISH AMOUNTS

Task/Abbreviation: R-86721-002- -CS INTEGD TSTG (TYC) - ACCOMP				MJC: EXSYR037		Rev Date: 6/10/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 2,092		ManDays: 140		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86721-002)COMBAT SYSTEMS INTEGRATED TESTING IS REQUIRED.	ACCOMPLISH COMBAT SYSTEMS INTEGRATED TESTING IN ACCORDANCE WITH NAVSEA COMBAT SYSTEMS TEST AND CERTIFICATION MANUAL (T9093-AB-TRQ-010/SURFCOMB) AND INTEGRATED TEST PLAN PROVIDED. (TYCOM PORTION)

Task/Abbreviation: R-86721-003- -CS INTEGD TSTG (NSSC) - ACCOMP				MJC: EXSYR221		Rev Date: 6/10/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 837		ManDays: 56		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86721-003)COMBAT SYSTEMS INTEGRATED TESTING IS REQUIRED.	ACCOMPLISH COMBAT SYSTEMS INTEGRATED TESTING IN ACCORDANCE WITH NAVSEA COMBAT SYSTEMS TEST AND CERTIFICATION MANUAL (T9093-AB-TRQ-010/SURFCOMB) AND INTEGRATED TEST PLAN PROVIDED. NAVSEA PORTION

Task/Abbreviation: R-86731-001- -TOTAL SHIP TSTG (TYC) - MANAGE**MJC:** EXSYR145**Rev Date:** 6/10/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 3,480**ManDays:** 675**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86731-001)TESTING MANAGEMENT SERVICES
ARE REQUIRED TO SUPPORT THE AVAILABILITY.PROVIDE SERVICES TO MANAGE INTEGRATED TOTAL SHIP TESTING
IAW NAVSEA STANDARD ITEM 009-67: A. PREPARE AND MANAGE AN
INTEGRATED TOTAL SHIP TEST MANAGEMENT PLAN. (1) INCLUDE
PROCEDURE FOR REPORTING PROBLEMS IN DELIVERY DATES OF
CFM, GFM, GFE & GFI. B. DEVELOP AN INTEGRATED TOTAL SHIP
TEST PLAN USING GFI FOR GUIDANCE. (1) INCLUDE SY TEST
SEQUENCE NETWORK, TEST SCHEDULE & REQUIRED EXTERNAL
SERVICES WITH GOVT & CONTRACTOR RESPONSIBILITIES DEFINED.
(2) INCLUDE LIST OF TEST EQPT & SOFTWARE. (3) INCLUDE
PROCEDURES FOR SUBMITTAL OF TEST PROBLEM REPORTS, TEST
PROCEDURES, TEST FAILURE REPORTS & TEST STATUS. (4)
DEFINE REQMTS OF BOTH CONTRACTOR & GOVT FOR GENERAL &
SPECIAL PURPOSE TEST EQPT, WEAPON TEST SHAPES, DUMMY
LOADS & TEST WEIGHTS. C. DEVELOP AND MANAGE A TOTAL SHIP
TESTING TASK GROUP. D. MANAGE TOTAL SHIP TESTING. (1)
ACCOMPLISH REQMTS OF THE TEST PLAN. (2) COORDINATE
TESTING, PERFORMANCE OF EACH TEST PROCEDURE &
PREPARATIONS FOR SEA TRIALS. (3) DEVELOP A TEST STATUS
REPORT TO SUMMARIZE TEST RESULTS. NOTE: THIS TASK IS
ONLY APPLICABLE TO PUBLIC SECTOR AVAILABILITIES. (TYCOM
PORTION)

Task/Abbreviation: R-86731-002- -TOTAL SHIP TSTG (NSSC) -MANAGE**MJC:** EXSYR297**Rev Date:** 6/10/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 1,392**ManDays:** 269**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86731-002)TESTING MANAGEMENT SERVICES
ARE REQUIRED TO SUPPORT THE AVAILABILITY.

PROVIDE SERVICES TO MANAGE INTEGRATED TOTAL SHIP TESTING IAW NAVSEA STANDARD ITEM 009-67: A. PREPARE AND MANAGE AN INTEGRATED TOTAL SHIP TEST MANAGEMENT PLAN. (1) INCLUDE PROCEDURE FOR REPORTING PROBLEMS IN DELIVERY DATES OF CFM, GFM, GFE & GFI. B. DEVELOP AN INTEGRATED TOTAL SHIP TEST PLAN USING GFI FOR GUIDANCE. (1) INCLUDE SY TEST SEQUENCE NETWORK, TEST SCHEDULE & REQUIRED EXTERNAL SERVICES WITH GOVT & CONTRACTOR RESPONSIBILITIES DEFINED. (2) INCLUDE LIST OF TEST EQPT & SOFTWARE. (3) INCLUDE PROCEDURES FOR SUBMITTAL OF TEST PROBLEM REPORTS, TEST PROCEDURES, TEST FAILURE REPORTS & TEST STATUS. (4) DEFINE REQMTS OF BOTH CONTRACTOR & GOVT FOR GENERAL & SPECIAL PURPOSE TEST EQPT, WEAPON TEST SHAPES, DUMMY LOADS & TEST WEIGHTS. C. DEVELOP AND MANAGE A TOTAL SHIP TESTING TASK GROUP. D. MANAGE TOTAL SHIP TESTING. (1) ACCOMPLISH REQMTS OF THE TEST PLAN. (2) COORDINATE TESTING, PERFORMANCE OF EACH TEST PROCEDURE & PREPARATIONS FOR SEA TRIALS. (3) DEVELOP A TEST STATUS REPORT TO SUMMARIZE TEST RESULTS. NOTE: THIS TASK IS ONLY APPLICABLE TO PUBLIC SECTOR AVAILABILITIES. (NAVSEA PORTION)

Task/Abbreviation: R-86731-003- -HM&E TSTG (TYC)-MANAGE/ACCOMP**MJC:** EXSYR298**Rev Date:** 6/10/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 870**ManDays:** 169**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86731-003)HM&E TESTING SERVICES ARE
REQUIRED TO SUPPORT THE AVAILABILITY.PROVIDE HM&E TEST MANAGEMENT, COORDINATION AND
ACCOMPLISHMENT AS FOLLOWS: A. PROVIDE THE SERVICES OF A
HM&E TEST MANAGER TO MANAGE AND CONDUCT HM&E TESTING.
THE HM&E TEST MANAGER WILL ALSO ASSIST SHIP'S CHIEF
ENGINEER IN PREPARING FOR LOA/LOE INSPECTIONS, OTHER KEY
EVENTS AND MILESTONES. B. DEVELOP A MANAGEMENT PLAN FOR
ACCOMPLISHING PRODUCTION AND FINAL ACCEPTANCE TESTING.
C. ACCOMPLISH SHIPYARD RESPONSIBLE HM&E TESTING THAT IS
NOT ALREADY INCLUDED IN INDIVIDUAL WORK ITEMS. (1) PROVIDE
CALIBRATED TEST EQUIPMENT, DOCUMENTATION AND TEMPORARY
SERVICES REQUIRED TO SUPPORT TESTING. (2) ACCOMPLISH
REPAIR, ALIGNMENT AND RETESTING RESULTING FROM
CONTRACTOR RESPONSIBLE DEFECTS OR CASUALTIES
DISCOVERED DURING HM&E INSPECTION/TESTING. (3) PROVIDE ____
MANDAYS AND ____ DOLLARS OF MATERIAL TO CORRECT GOVT ____
RESPONSIBLE DEFECTS OR CASUALTIES DISCOVERED DURING
HM&E INSPECTION/TESTING. NOTE: USE SWT 841-01 FOR GUIDANCE
IN DEVELOPING SPEC. (TYCOM PORTION)

Task/Abbreviation: R-86731-004- -HM&E TSTG (NSSC)-MANAGE/ACCOMP**MJC:** EXSYR299**Rev Date:** 6/10/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 001**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 001**Matl Cost:** 348**ManDays:** 67**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(R-86731-004)HM&E TESTING SERVICES ARE
REQUIRED TO SUPPORT THE AVAILABILITY.PROVIDE HM&E TEST MANAGEMENT, COORDINATION AND
ACCOMPLISHMENT AS FOLLOWS: A. PROVIDE THE SERVICES OF A
HM&E TEST MANAGER TO MANAGE AND CONDUCT HM&E TESTING.
THE HM&E TEST MANAGER WILL ALSO ASSIST SHIP'S CHIEF
ENGINEER IN PREPARING FOR LOA/LOE INSPECTIONS, OTHER KEY
EVENTS AND MILESTONES. B. DEVELOP A MANAGEMENT PLAN FOR
ACCOMPLISHING PRODUCTION AND FINAL ACCEPTANCE TESTING.
C. ACCOMPLISH SHIPYARD RESPONSIBLE HM&E TESTING THAT IS
NOT ALREADY INCLUDED IN INDIVIDUAL WORK ITEMS. (1) PROVIDE
CALIBRATED TEST EQUIPMENT, DOCUMENTATION AND TEMPORARY
SERVICES REQUIRED TO SUPPORT TESTING. (2) ACCOMPLISH
REPAIR, ALIGNMENT AND RETESTING RESULTING FROM
CONTRACTOR RESPONSIBLE DEFECTS OR CASUALTIES
DISCOVERED DURING HM&E INSPECTION/TESTING. (3) PROVIDE ____
MANDAYS AND ____ DOLLARS OF MATERIAL TO CORRECT GOVT ____
RESPONSIBLE DEFECTS OR CASUALTIES DISCOVERED DURING
HM&E INSPECTION/TESTING. NOTE: USE SWT 841-01 FOR GUIDANCE
IN DEVELOPING SPEC. (NAVSEA PORTION)

Task/Abbreviation: R-86811-001- -HM&E DISCREP CORR WK ITEM-PROV		MJC: EXSYR361	Rev Date: 6/4/2009		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 64,125	ManDays: 426	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86811-001)A HM&E DISCREPANCY CORRECTION WORK ITEM IS REQUIRED IN SUPPORT OF THE DEPOT AVAILABILITY.	REQUEST THE CONTRACTOR PROVIDE A HM&E DISCREPANCY CORRECTION WORK ITEM IN THE DEPOT AVAILABILITY WORK PACKAGE.

Task/Abbreviation: R-86831-001- -LOA SF PREP PERIOD - PROV				MJC: EXSYR065		Rev Date: 6/10/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86831-001)SHIP'S FORCE REQUIRES A PERIOD OF TIME PRIOR TO LOA FOR PREPARATION AND TRAINING NECESSARY TO SUPPORT LOA.	THE SHIPYARD WILL SCHEDULE A MINIMUM PERIOD OF () DAYS BETWEEN COMPLETION OF SHIPYARD WORK IN THE ENGINEERING SPACES AND THE LIGHT-OFF ASSESSMENT (LOA) FOR SHIP'S FORCE PREPARATION AND TRAINING NECESSARY TO SUPPORT LOA. NOTE: THIS TASK IS NOT TO BE INCLUDED IN WORK PACKAGES FOR COMNAVSURFPAC STANDARD NINE-WEEK AVAILABILITIES.

Task/Abbreviation:		R-86831-002- -PRELIM LOA/LOE INSP - CONDUCT		MJC:	EXSYR243	Rev Date:	6/10/2009				
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	001	Removal Required:					
Lvl of Maint:	1	Freq:	0	Equip/Task:	001	Matl Cost:	25,233	ManDays:	272	Alt No:	
Referenced Authority:		Repair Pool:		MCC:				3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86831-002)A PRELIMINARY LOA/LOE INSPECTION MUST BE CONDUCTED AND IDENTIFIED DEFICIENCIES CORRECTED.	ACCOMPLISH THE FOLLOWING - A. CONDUCT PRELIMINARY LOA/LOE INSPECTION. B. CORRECT GOVERNMENT RESPONSIBLE DEFICIENCIES IDENTIFIED DURING PRELIMINARY LOA/LOE INSPECTION. NOTE: USE APPLICABLE PORTIONS OF SWT 982-02 AND SWT 982-12 FOR GUIDANCE IN DEVELOPING A SPEC. NOTE: FOR LOA, THIS TASK IS NOT TO BE INCLUDED IN WORK PACKAGES FOR COMNAVSURFPAC STANDARD NINE-WEEK AVAILABILITIES.

Task/Abbreviation: R-86831-003- -LOE SF PREP PERIOD - PROV				MJC: EXSYR067		Rev Date: 6/10/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86831-003)SHIP'S FORCE REQUIRES A PERIOD OF TIME TO PREPARE FOR AND COMPLETE LOE.	PROVIDE DEDICATED 14 DAY TIME FRAME AFTER MAIN SPACE TURNOVER AND PLANT STARTUP/TESTING FOR SHIP'S FORCE TO REMOVE FIRE HAZARDS, CORRECT SAFETY DEFICIENCIES, PERFORM MINOR HOUSE CLEANING CHORES AND COMPLETE LIGHT OFF EXAMINATION IN MACHINERY SPACES.

Task/Abbreviation: R-86831-004- -PRE-LOA DEFIC CORR FUNDS-PROV		MJC: EXSYR378	Rev Date: 2/10/2010		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 2,500	ManDays: 25	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86831-004)PRELIMINARY LOA INSPECTION DEFICIENCIES MUST BE CORRECTED.	PROVIDE 25 MANDAYS OF LABOR AND \$2500 MATERIAL TO CORRECT GOVERNMENT RESPONSIBLE DEFICIENCIES IDENTIFIED DURING PRELIMINARY LOA INSPECTION. TOTAL COST OF DEFICIENCIES GREATER OR LESS THAN THE ABOVE MANDAY AND DOLLAR AMOUNTS WILL BE THE SUBJECT OF AN EQUITABLE ADJUSTMENT.

Task/Abbreviation: R-86832-001- -LOA/LOE DEFIC CORR FUNDS -PROV				MJC: EXSYR245		Rev Date: 12/11/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 5,465		ManDays: 96		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86832-001)DEFICIENCIES IDENTIFIED DURING LOA/LOE REQUIRE CORRECTION.	PROVIDE ___ MANDAYS OF LABOR AND \$___ MATERIAL TO CORRECT GOVERNMENT RESPONSIBLE DEFICIENCIES IDENTIFIED DURING LOA/LOE. NOTE 1: USE APPLICABLE PORTIONS OF SWT 982-02 AND SWT 982-10 FOR GUIDANCE IN DEVELOPING A SPEC. NOTE 2: FOR LOA, THIS TASK IS NOT TO BE INCLUDED IN WORK PACKAGES FOR COMNAVSURFPAC STANDARD NINE-WEEK AVAILABILITIES.

Task/Abbreviation: R-86832-002- -SF LOA/LOE DEFIC - CORR				MJC: EXSYR069		Rev Date: 6/10/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 4		Freq: 0		Equip/Task: 001		Matl Cost:		ManDays:		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86832-002)DEFICIENCIES IDENTIFIED DURING LOA/LOE REQUIRE CORRECTION.	CORRECT SHIPS FORCE RESPONSIBLE ITEMS IDENTIFIED DURING LOA/LOE.

Task/Abbreviation:		R-86832-006- -MCHRY SP-COMPL/LOA DEFIC-CORR		MJC:	EXSYR375	Rev Date:	12/11/2009				
RCM Analysis:	Scheduled:	N	Sit Reqs:	Qty:	001	Removal Required:					
Lvl of Maint:	1	Freq:	0	Equip/Task:	001	Matl Cost:	5,000	ManDays:	25	Alt No:	
Referenced Authority:		Repair Pool:		MCC:		3					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86832-006)MACHINERY SPACE PRODUCTION WORK COMPLETION AND SUPPORT FOR LIGHT-OFF REQUIRED.	COMPLETE ALL CONTRACTOR RESPONSIBLE WORK, THAT CAN BE ACCOMPLISHED WITHOUT ACTUALLY LIGHTING OFF THE PLANT, 2 WORKING DAYS PRIOR TO PLANT LIGHT-OFF. THIS INCLUDES WORK IN MAIN PROPULSION MACHINERY SPACES, AUXILIARY MACHINERY ROOMS, STEERING GEAR ROOM, SHAFT ALLEYS, PUMP ROOMS, AFFF STATIONS, FO TANKS, LO TANKS, JP-5 TANKS, FEED TANKS, AND CHT TANKS. IT INCLUDES ALL CONTRACTOR RESPONSIBLE TESTING THAT CAN BE ACCOMPLISHED WITHOUT LIGHTING OFF THE PLANT. PROVIDE 25 MANDAYS LABOR AND 5,000 DOLLARS MATERIAL TO CORRECT GOVERNMENT RESPONSIBLE LIGHT-OFF RELATED DEFICIENCIES AS DESIGNATED BY THE NSA/PORT ENGINEER. NOTE: RESERVATION AMOUNTS WILL BE AGREED TO BY THE PORT ENGINEER AND THE NSA NOT LATER THAN THE WPIC.

Task/Abbreviation: R-86841-001- -FAST CRUIS,DOCK/SEA TRIAL-SPRT				MJC: EXSYR247		Rev Date: 6/10/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 7,693		ManDays: 118		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86841-001)INDUSTRIAL SUPPORT FOR DOCK TRIALS, FAST CRUISE AND SEA TRIALS IS REQUIRED.	PROVIDE SUPPORT FOR DOCK TRIALS, FAST CRUISE AND SEA TRIALS AS FOLLOWS: A. DOCK TRIALS - ASSIST IN SECURING THE SHIP TO PIER AND STAND-BY DOCK TRIALS TO MAKE REPAIRS AND ADJUSTMENTS NECESSARY FOR OPERATION OF CONTRACTOR-REPAIRED EQUIPMENT. DISCONNECT SERVICES AND REMOVE BROWS AS DIRECTED BY THE NAVAL SUPERVISING ACTIVITY. B. FAST CRUISE - DISCONNECT ALL SERVICES AND BROWS FOR A () HOUR PERIOD PRIOR TO SEA TRIALS. WORK WILL BE ALLOWED DURING THIS PERIOD ONLY AS AUTHORIZED BY THE NAVAL SUPERVISING ACTIVITY. C. POST REPAIR SEA TRIALS - PROVIDE () PERSONNEL AND ACCOMPANY THE SHIP ON A () DAY SEA TRIAL. NOTE: USE SWT 982-50 FOR GUIDANCE IN DEVELOPING SPEC.

Task/Abbreviation: R-86842-001- -DISCREP FROM TRIALS - CORR				MJC: EXSYR071		Rev Date: 6/10/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 6,270		ManDays: 82		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86842-001)PRE-TRIAL DICSCREPANCIES REQUIRE CORRECTION.	CORRECT MINOR DISCREPANCIES WHICH RESULT FROM PRE-TRIAL MACHINERY OPERATIONAL TESTING AND TRIALS. PROVIDE (__) MANDAYS AND (\$____) FOR MATERIAL. NOTE: TYCOM TO PROVIDE FUNDING LIMIT

Task/Abbreviation: R-86842-002- -SF POST-TRIAL WORK - ACCOMP			MJC: EXSYR249		Rev Date: 6/10/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 001	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 001	Matl Cost: 86	ManDays: 16	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86842-002)WORK BY SHIP'S FORCE IS REQUIRED AFTER COMPLETION OF MAIN SPACE TURNOVER AND PLANT STARTUP/TESTING.	AFTER MAIN SPACE TURNOVER AND PLANT STARTUP/TESTING HAS BEEN COMPLETED, REMOVE FIRE HAZARDS, CORRECT SAFETY DEFICIENCIES, PERFORM MINOR HOUSE CLEANING CHORES AND COMPLETE MASTER LIGHT OFF CHECKS (MLOC) IN MACHINERY SPACES.

Task/Abbreviation: R-88111-001- -GROWTH WORK RESERVE - PROV		MJC: EXSYR115	Rev Date: 6/10/2009		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 001	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 001	Matl Cost: 159,975	ManDays: 1200	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-88111-001)A RESERVATION FOR GROWTH DURING THE AVAILABILITY IS REQUIRED.	FUNDS RESERVATION - PROVIDE ____ MANDAYS AND \$ ____ MATERIAL TO COVER GROWTH IN SCOPE OF AUTHORIZED REPAIRS DURING THE AVAILABILITY. FUNDS SHOULD BE APPLIED TO THE APPROPRIATE SWLIN AS AUTHORIZED GROWTH OCCURS.

Task/Abbreviation:		R-88121-001- -NEW WORK RESERVE - PROV		MJC: EXSYR116		Rev Date: 6/10/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 001		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 001		Matl Cost: 67,850		ManDays: 509		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-88121-001)A RESERVATION FOR NEW WORK DURING THE AVAILABILITY IS REQUIRED.	FUNDS RESERVATION - PROVIDE ____ MANDAYS AND \$ ____ MATERIAL TO COVER EMERGENT NEW WORK DURING THE AVAILABILITY. FUNDS SHOULD BE APPLIED TO THE APPROPRIATE SWLIN AS NEW WORK IS AUTHORIZED.