
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:** 70**Equip/Task:** 1**Matl Cost:****ManDays:** 17**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

MCM-MHC SHIPS

(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. INSPECTION TO BE ACCOMPLISHED BY PORT ENGINEER, FTSC, SHIP'S FORCE, NAVAL SUPERVISING ACTIVITY AND THE REPAIR FACILITY. NOTE: 1. ACCOMPLISH FIRST INSPECTION WITHIN 24 HOURS OF DRYDOCKING AND AFTER HIGH PRESSURE WATER CLEANING OF THE HULL. 2. SUPSHIP UTILIZE SWI/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:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

MCM-MHC SHIPS

(I-11011-002)THE UNDERWATER HULL INCLUDING
APPENDAGES (WATERBORNE) REQUIRES
INSPECTIONACCOMPLISH A WATERBORNE UNDERWATER HULL INSPECTION TO
INCLUDE ALL APPENDAGES - FROM BOOT TOP (PORT/STARBOARD)
TO SHIP'S CENTERLINE (KEEL) AND FROM STEM TO STERN.
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-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: 8		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:** 520 **ManDays:** 10 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 2**Reason:**

MCM 1 CLASS

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. REPAIR A TOTAL OF ____ SQUARE FEET OF DEFECTIVE GRP SHEATHING AND A TOTAL OF ____ LINEAL FEET OF HULL PLANKING FOUND TO BE DAMAGED/DEFECTIVE. ACCOMPLISH REPAIRS IN ACCORDANCE WITH MCM REPAIR MANUAL. B. REPAIR ____ LINEAL FEET OF DAMAGED AND DEFECTIVE TRANSOM VERTICAL CHAFING PIECES AND MARGIN PIECES. C. REPAIR ____ LINEAL FEET OF DAMAGED/DEFECTIVE KEEL SHOE. NOTE: SUPSHIP UTILIZE CSWT NO. 110-013, "TRANSOM HULL PLANKING AND SHEATHING/GLASS REINFORCED PLASTIC GRP; REPAIR"

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: 70		Equip/Task: 1		Matl Cost:		ManDays: 8		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
MCM 1 CLASS REQ	(I-11011-009)NSTM REQUIREMENT DUE	IAW NSTM CH-997, PARA. 997-4.1, INSPECT THE BILGE KEELS AND SKEGS. 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-11011-011- -STRUT PADS AND BOLTS - INSP				MJC: EXECI340		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: X		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: X		Matl Cost:		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-11011-011)WOODEN HULL STRUT PADS REQUIRE INSPECTION	INSPECT STRUT PADS AND BOLTS FOR TIGHTNESS AND DETERIORATION. INSPECT PADS, FAIRING PIECES AND FILLER BLOCKS FOR DETERIORATION OF WOOD AROUND BOLTS. REPORT CONDITIONS FOUND TO THE NSA. NOTE: TASK APPLICABLE TO WOODEN HULLS ONLY. PROVIDE "AS-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:**

BASELINE

Problem Description:(Q-11011-045)UNDERWATER HULL COATING
REQUIRES REPAIR**Recommended Solution:**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:** 0**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 REPAIRACCOMPLISH 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-11021-010- -WOOD HULL/STRUCT - MRC A5H5**MJC:** EXECIEY5**Rev Date:** 7/7/2009**RCM Analysis:** 1/3/2005**Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 48**Equip/Task:** 1**Matl Cost:****ManDays:** 12**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-11021-010)THE HULL AND SUPPORTING
STRUCTURE FOR WOOD VESSELS (MCM 1 CLASS)
REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE HULL AND SUPPORTING STRUCTURE FOR WOOD
VESSELS (MCM 1 CLASS) ASSESSMENT IN ACCORDANCE WITH MRC
A5H5 AS FOLLOWS: 1. CONDUCT ASSESSMENT OF GRP SHEATHED
AND WOOD STRUCTURES, HULL AND DECKHOUSE STRUCTURE. 2.
CONDUCT ASSESSMENT OF ALL EXTERNAL HULL, DECK AND
DECKHOUSE FITTINGS AND MISCELLANEOUS COMPONENTS. 3.
CONDUCT ASSESSMENT OF ALL INTERIOR SPACES AND VOIDS. 4.
CONDUCT ASSESSMENT OF MAST AND ATTACHED 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-11021-013- -TIE RODS - INSP, TIGHTEN & RPR				MJC: EXECQCF2		Rev Date: 4/7/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: TBD		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-11021-013)TIE RODS REQUIRE REPAIR	SEARCH AND RECORD THE LOCATION OF EACH TIE ROD. VISUALLY INSPECT DESIGNATED TIE RODS FOR DAMAGE AND TIGHTNESS. TIGHTEN TIE RODS. ACCOMPLISH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-37 FOR WOODWORKING AREAS AFFECTED BY THIS TASK. REPORT CONDITIONS FOUND TO THE NAVAL SUPERVISING AUTHORITY. PROVIDE ___ MANDAYS OF LABOR AND \$___ OF MATERIAL TO ACCOMPLISH REPAIRS TO THE TIE RODS FOUND TO BE DAMAGED. ACCOMPLISH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-32.

Task/Abbreviation: Q-12311-040- -FO TK (GRP) - INSP & RPR**MJC:** EXECI428**Rev Date:** 7/30/2007**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 3**Removal Required:****Lvl of Maint:** 1**Freq:** 70**Equip/Task:** 1**Matl Cost:** 325**ManDays:** 7**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12311-040)THE FUEL OIL TANK REQUIRES
CLEANING AND INSPECTION.

RMV ACCESS COVERS & RETAIN FOR REINSTALL. RMV & DISPOSE OF OIL/WASTE LIQUIDS IN TANK. CLN INTERIOR SURFACES & EACH TLI SYS XMTR INCLUDING SOUNDING TUBES AND PIPING TERMINATING INSIDE TANK. ENSURE FLOATS SLIDE FREELY. INSPECT XMTR & ASSOCIATED CABLE & PLUG ASSEMBLIES FOR DEFECTS. ENSURE XMTR TRANSMITS ELECTRICAL SIGNALS THROUGHOUT VERTICAL RANGES. ACCOMP VISUAL INSPECTION FOR STRUCTURAL DAMAGE/DETERIORATION, INCLUDING SOUNDING TUBES, VENTS/OVERFLOWS, PIPING, FASTENERS, & INTERIOR STRUCTURAL MEMBERS & SURFACES. MAINTAIN GAS-FREE CONDITION. REPAIR DEFECTIVE GLASS REINFORCED PLASTIC FOUND BY THE INSPECTION. ACCOMP REQUIREMENTS OF NAVSEA SI 009-25 FOR AIR TEST. INSPECT FOR CLEANLINESS PRIOR TO FINAL CLOSING. REINSTALL ACCESS COVERS USING EXISTING FASTENERS & NEW GASKETS. ACCOMP REQUIREMENTS OF NAVSEA SI 009-32 FOR NEW & DISTURBED SURFACES TO MATCH SURROUNDING 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.

Task/Abbreviation: A-12311-116- -AER MCM1-00736 - ACCOMP				MJC: EXTAAA71		Rev Date: 6/1/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 3,500		ManDays: 190		Alt No: TYMCM 00736	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-12311-116) AER MCM1-00736, FUEL OIL TANK MODS, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00736 WHICH IMPROVES THE FUEL OIL TANKS.

Task/Abbreviation: Q-12314-005- -POTW TK (GRP) - INSP & RPR**MJC:** EXECI434**Rev Date:** 7/30/2007**RCM Analysis:** **Scheduled:** Y **Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1 **Freq:** 70 **Equip/Task:** 1 **Matl Cost:** 325 **ManDays:** 7 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 2**Reason:**

BASELINE

Problem Description:(Q-12314-005)THE POTABLE WATER TANK
REQUIRES CLEANING AND INSPECTION .**Recommended Solution:**

RMV ACCESS COVERS & RETAIN FOR REINSTALL. RMV & DISPOSE OF WATER. HAND CLEAN INTERIOR SURFACES & EACH TLI SYS XMTR. ENSURE FLOATS SLIDE FREELY. INSP XMTRS & ASSOCIATED CABLE & PLUG ASSEMBLIES FOR DEFECTS. ENSURE XMTR TRANSMITS ELEC SIGNALS THRU-OUT VERTICAL RANGES. VISUALLY INSPECT FOR STRUCTURAL DAMAGE/DETERIORATION, INCLUDING SOUNDING TUBES, VENTS/OVERFLOWS, PPG, FASTENERS, & INT/EXT STRUCTURAL MEMBERS & SURFACES. MAINTAIN GAS-FREE CONDITION. REPAIR __ SQUARE FEET OF DEFECTIVE GLASS REINFORCED PLASTIC FOUND BY THE INSPECTION. ACCOMP REQMTS OF NAVSEA SI 009-25 FOR AIR TEST. INSP FOR CLEANLINESS PRIOR TO CLOSING. CLEAN/INSTALL ACCESS COVERS. CHLORINATE TANK/PIPING BACK TO & INCLUDING THE FIRST FRESH WATER PUMP. TAKE WATER SAMPLES FROM EACH POTABLE WATER TAP & DELIVER TO CHEM LAB FOR ANALYSIS/CERTIFICATION. DISPOSE OF WATER GENERATED IN CHLORINATION PROCESS IAW FEDERAL, STATE & LOCAL REG. ACCOMP REQMTS OF NAVSEA SI 009-32 FOR NEW/DISTURBED SURFACES TO MATCH SURROUNDING 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.

Task/Abbreviation: Q-12315-014- -LO TANK (GRP) - INSP & RPR**MJC:** EXECI429**Rev Date:** 7/30/2007**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 3**Removal Required:****Lvl of Maint:** 1**Freq:** 70**Equip/Task:** 1**Matl Cost:** 325**ManDays:** 7**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12315-014)THE LUBE OIL TANK REQUIRES
CLEANING AND INSPECTION.

RMV ACCESS COVERS & RETAIN FOR REINSTALL. RMV & DISPOSE OF OIL/WASTE LIQUIDS. CLEAN INTERIOR SURFACES & EACH TLI SYS XMTR INCLUDING SOUNDING TUBES AND PIPING TERMINATING INSIDE TANK. ENSURE FLOATS SLIDE FREELY. INSPECT XMTR & ASSOCIATED CABLE & PLUG ASSEMBLIES FOR DEFECTS. ENSURE XMTR TRANSMITS ELECTRICAL SIGNALS THROUGHOUT VERTICAL RANGES. ACCOMPLISH VISUAL INSPECTION FOR STRUCTURAL DAMAGE/DETERIORATION, INCLUDING SOUNDING TUBES, VENTS/OVERFLOWS, PIPING, FASTENERS, & INTERIOR/EXTERIOR STRUCTURAL MEMBERS & SURFACES. MAINTAIN GAS-FREE CONDITION. REPAIR __ SQUARE FEET OF DEFECTIVE GLASS REINFORCED PLASTIC FOUND BY THE INSPECTION. ACCOMP REQUIREMENTS OF NAVSEA SI 009-25 FOR AIR TEST. INSPECT FOR CLEANLINESS PRIOR TO CLOSING. REINSTALL ACCESS COVERS. ACCOMP REQUIREMENTS OF NAVSEA SI 009-32 FOR NEW & DISTURBED SURFACES TO MATCH SURROUNDING 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.

Task/Abbreviation: D-12315-036- -SA 10778 ACCOMPLISH**MJC:** EXSAD758**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:** 10778 D**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

SA 10778 LUBE OIL STORAGE TANK , NOT
ACCOMPLISHED

SEGREGATE THE STORAGE OF LUBE OIL SO THAT THERE IS
SEPARATE STORAGE FOR THE DIESELS AND THE MAIN REDUCTION
GEAR AND CONTROLLABLE PITCH PROPELLER SYSTEM.
REPURPOSE THE LUBE OIL STORAGE TANK FOR STORAGE OF
DIESEL LUBE OIL AND THE LUBE OIL SETTLING TANK FOR STORAGE
OF MRG AND CPP LUBE OIL. ADD A NEW TANK TO SUPPLEMENT
MRG AND CPP LUBE OIL STORAGE. TOTAL REQUIRED CAPACITY
FOR MRG/CPP OIL STORAGE SHALL BE SUFFICIENT TO FILL ONE
MRG SUMP AND CPP TANK PLUS AN ADDITIONAL 25% OF THIS
TOTAL. PROVIDE SEGREGATED FILL CAPABILITY FOR DIESEL AND
MRG/CPP LUBE OIL STORAGE TANKS. ADD HAND-OPERATED
TRANSFER PUMP TO ENABLE TRANSFER OF LUBE OIL FROM DIESEL
LUBE OIL STORAGE TANK TO DIESEL LUBE OIL SUMPS. BROWN,PAUL
NAVAL SURFACE FORCE U S PACIFIC FLEET, NAVAL AMPHIBIOUS
BASE 6194372371
PAUL.E.BROWN@NAVY.MIL

Task/Abbreviation: Q-12317-018- -CONTAM OIL TK (GRP)-INSP & RPR**MJC:** EXECI430**Rev Date:** 7/30/2007**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 3**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 150**ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-12317-018)THE CONTAMINATED OIL TANK
REQUIRES CLEANING AND INSPECTIONRMV ACCESS COVERS & RETAIN FOR REINSTALL. RMV & DISPOSE
OF OIL/WASTE LIQUIDS. CLEAN INTERIOR SURFACES & EACH TLI
SYS XMTR INCLUDING SOUNDING TUBES AND PIPING TERMINATING
INSIDE TANK. ENSURE FLOATS SLIDE FREELY. INSPECT XMTR &
ASSOCIATED CABLE & PLUG ASSEMBLIES FOR DEFECTS. ENSURE
XMTR TRANSMITS ELECTRICAL SIGNALS THROUGHOUT VERTICAL
RANGES. ACCOMP VISUAL INSPECTION FOR STRUCTURAL
DAMAGE/DETERIORATION, INCLUDING SOUNDING TUBES,
VENTS/OVERFLOWS, PIPING, FASTENERS, & INTERIOR/EXTERIOR
STRUCTURAL MEMBERS & SURFACES. MAINTAIN GAS-FREE
CONDITION. REPAIR __ SQUARE FEET OF DEFECTIVE GLASS
REINFORCED PLASTIC FOUND BY THE INSPECTION. ACCOMP
REQUIREMENTS OF NAVSEA SI 009-25 FOR AIR TEST. INSPECT FOR
CLEANLINESS PRIOR TO CLOSING. REINSTALL ACCESS COVERS.
ACCOMP REQUIREMENTS OF NAVSEA SI 009-32 FOR NEW &
DISTURBED SURFACES TO MATCH SURROUNDING 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.

Task/Abbreviation: I-12321-004- -FLOODABLE VOID - INSP & RPR**MJC:** EXECI435**Rev Date:** 7/30/2007**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 3**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 850 **ManDays:** 3 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 1**Reason:**

BASELINE

Problem Description:

(I-12321-004)THE ACCESSIBLE VOID REQUIRES INSPECTION

Recommended Solution:

REMOVE ACCESS COVERS & RETAIN FOR REINSTALLATION. REMOVE & DISPOSE OF FLUIDS/SLUDGE EXISTING IN VOID. HAND CLEAN FREE OF OIL, GREASE, DIRT, FOREIGN MATTER, LOOSE PAINT, WATER, SLUDGE, RUST AND SALT DEPOSITS. MAINTAIN VOID IN A GAS-FREE CONDITION. ACCOMPLISH AN INSPECTION OF THE VOID SEARCHING FOR DAMAGE TO STRUCTURE, MISSING OR DAMAGED BRACING, FITTINGS, PENETRATIONS, LIMBER CHAINS, AND HARDWARE INCLUDING THE CONDITION OF PAINT SYSTEM. REPAIR__ SQUARE FEET OF DEFECTIVE GLASS REINFORCED PLASTIC FOUND BY THE INSPECTION. INSPECT FOR CLEANLINESS PRIOR TO FINAL CLOSING. REINSTALL ACCESS COVERS USING EXISTING FASTENERS & NEW GASKETS. ACCOMPLISH REQUIREMENTS OF NAVSEA SI 009-32 FOR NEW & DISTURBED SURFACES TO MATCH SURROUNDING AREAS. NOTE: ENSURE VOID IS 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: Q-12321-016- -AHR CHAIN LKR/SUMP - RPR			MJC: OXECQ033		Rev Date: 2/20/2009	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	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:
MCM	(Q-12321-016)ANCHOR CHAIN LOCKER/SUMP REQUIRES REPAIR AND PRESERVATION	ACCOMPLISH THE STRUCTURAL REPAIRS TO THE ANCHOR CHAIN LOCKER/SUMP AS DETERMINED BY ASSESSMENT TASK I-12321-25. ACCOMPLISH REQUIRED PRESERVATION WORK IN ACCORDANCE WITH S9086-VD-STM-000 CH631.

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: 1	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:
MCM	(Q-12321-017)ANCHOR CHAIN LOCKER/SUMP REQUIRES PRESERVATION.	CLEAN AND PRESERVE THE ENTIRE ANCHOR CHAIN LOCKER/SUMP INTERNALS IN ACCORDANCE WITH S9086-VD-STM-000 CH631.

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: 1	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:
MCM	(Q-12321-018)ANCHOR CHAIN LOCKER/SUMP REQUIRES CLEANING AND TOUCH UP PRESERVATION.	CLEAN AND PRESERVE (TOUCH UP) ANCHOR CHAIN LOCKER/SUMP IN ACCORDANCE WITH S9086-VD-STM-000 CH631.

Task/Abbreviation: Q-12321-021- -AHR CHAIN LKR - GAS FREE			MJC: OXECI062		Rev Date: 4/24/2009
RCM Analysis:		Scheduled: Y	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 70	Equip/Task: 1	Matl Cost: 250	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
MCM1 CLASS	(I-12321-021) ANCHOR CHAIN LOCKER VOID REQUIRES TO BE OPEN, CLEAN, AND GAS FREE TO FACILITATE ASSESSMENT.	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: I-12321-025- -AHR CHAIN LKR/SUMP - INSP**MJC:** EXECIIK5**Rev Date:** 6/3/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

THE ANCHOR CHAIN LOCKER/SUMP REQUIRES INSPECTION.

INSPECT THE ANCHOR CHAIN LOCKER/SUMP TO INCLUDE ALL INTERNAL SURFACES, ALL SUPPORTING STRUCTURES AND BRACING ATTACHED THERETO; ALL FITTINGS AND PENETRATIONS, FITTINGS FOR LOCAL AND REMOTE LEVEL MONITORS AND ACCESS MANHOLES AND ASSOCIATED HARDWARE. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE THE FOLLOWING, AS APPLICABLE: A. COATING SYSTEM B. LADDERS AND ASSOCIATED HARDWARE C. PIPING TRANSVERSING LOCKER AND ATTACHED BRACKETS D. SOUNDING TUBES AND ATTACHED BRACKETS E. TERMINATING PIPING WITHIN LOCKER AND ATTACHED BRACKETS. NOTE: ENSURE LOCKER IS 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: D-15011-019- -SHIPALT MCM1-00300D - ACCOMP			MJC: EXSAD336		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:	ManDays:	Alt No: SAMCM 00300 D
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-15011-19) SHIPALT MCM1-00300D, SIGNAL SHELTER REMOVAL, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-00300D WHICH REMOVES SIGNAL SHELTER (03-38-0-C). CHANGE MAY HAVE BEEN ACCOMPLISHED ON SOME SHIPS VIA SHIPALT 131K.

Task/Abbreviation: D-15011-029- -SHIPALT MCM1-74614D - ACCOMP			MJC: EXSAD646		Rev Date: 1/14/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: SAMCM 74614 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-15011-29) SHIPALT MCM1-74614D, MCM CLASS 03 LEVEL AWNING, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-74614D WHICH INSTALLS AN AWNING ON THE 03 LEVEL. THIS IMPROVES CREW WORKING CONDITIONS IN THE BAHRAIN ENVIRONMENT. THE AWNING CONSIST OF 990 SQUARE FEET OF SUN PROTECTION CLOTH. THE STRUCTURE CONSISTS OF CARBOR FIBER IN EPOXY COMPOSIT TUBING WITH ALUMINUM CAPS AND BASES. THE STRUCTURE COVERS APPROXIEMATELY 2/3 OF THE 03 LEVEL LEAVING THE FORWARD PORTION UNCOVERED. THE FORWARD PORTION OF THE 03 LEVEL CANNOT SUPPORT COVERING DUE TO INTEFERENCES WITH ESSENTIAL EQUIPMENT. NO CHANGES TO ANTENNA ARRANGEMENT, COMBAT SYSTEM EQUIPMENT LOCATIONS OR WEAPON FIRING ARCS.

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: 0	Equip/Task: 1	Matl Cost: 195	ManDays: 4	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:			
MCM/MHC	(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 GRP HULL 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 REPAIRS, REPLACE SPLITTER BARS AND STRAINER PLATES USING NEW FASTENERS. TO INCLUDE (AS APPLICABLE): A. GRATINGS B. SPLITTER BARS C. AIR BLOWDOWN CONNECTION (TO FIRST FLANGE) D. STRAINER PLATES E. ZINC ANODES, AS REQUIRED F. ULTRASONICALLY TEST AS 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: Q-16311-011- -GRP HULL SEA CHESTS (DD) - RPR				MJC: EXECQAW1		Rev Date: 7/30/2007		
RCM Analysis:		Scheduled: N	Sit Reqs: D/D		Qty: X		Removal Required:	
Lvl of Maint: 1		Freq: 0	Equip/Task: X	Matl Cost: 3,510	ManDays: 78		Alt No:	
Referenced Authority:			Repair Pool:		MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-16311-011)SEA CHEST REQUIRES REPAIR	REMOVE THE SEA CHESTS AND ACCOMPLISH THE FOLLOWING REPAIRS PER CONDITION ASSESSMENT AUTHORIZED RECOMMENDATIONS. REINSTALL SEA CHESTS UPON COMPLETION OF REPAIRS. TO INCLUDE (AS APPLICABLE): A. CLAD WELD _____ SQUARE FEET. B. VEE OUT AND REWELD _____ FEET OF WASTED SEAMS. C. CROP AND INSERT _____ SQUARE FEET OF DISTORTED AND/OR WASTED PLATE. D. REPLACE ZINC ANODES.

Task/Abbreviation: O-16711-017- -MACHALT 538 - ACCOMP			MJC: EXSAO024		Rev Date: 7/16/2002
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 538
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-16711-17) MACHALT 538, AT/WT DOOR HINGE UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH MACHALT 538, WHICH INSTALLS NEW HINGE DESIGN UPGRADE TO ELIMINATE THE RAPID WEAR PROBLEM CURRENTLY EXPERIENCED ON HIGH TRAFFIC QAWT/AT STEEL DOORS WITH BRASS HINGE HARDWARE.

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-16711-028- -WTRTT/AIRTIGHT DRS - MRC 9KEA**MJC:** EXECIC07**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-16711-028)THE GLASS REINFORCED PLASTIC (GRP) WATERTIGHT DOOR (QUICK-ACTING) STRUCTURE REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE HULL STRUCTURE ASSESSMENT IN ACCORDANCE WITH MRC 9KEA AS FOLLOWS: 1. INSPECT, CLEAN AND LUBRICATE GLASS REINFORCED PLASTIC (GRP) WATERTIGHT 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-16711-029- -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-16711-035- -HULL STRUCT - MRC 9MWH**MJC:** EXECIC22**Rev Date:** 11/16/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 22**Removal Required:****Lvl of Maint:** 4**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-16711-35) THE HULL STRUCTURE REQUIRES ASSESSMENT.

ACCOMPLISH THE HULL STRUCTURE ASSESSMENT IN ACCORDANCE WITH MRC 9MWH AS FOLLOWS: 1. INSPECT AND LUBRICATE RAISED ALUMINUM WATERTIGHT HATCHES AND SCUTTLES (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-16711-036- -HULL STRUCT - MRC 9MWJ				MJC: EXECIC23		Rev Date: 11/16/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 6		Removal Required:			
Lvl of Maint: 4		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-16711-36) THE HULL STRUCTURE REQUIRES ASSESSMENT.	ACCOMPLISH THE HULL STRUCTURE ASSESSMENT IN ACCORDANCE WITH MRC 9MWJ AS FOLLOWS: 1. INSPECT AND LUBRICATE FLUSH AND RAMPED LOW PROFILE (RLP) ALUMINUM WATERTIGHT HATCHES AND SCUTTLES (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: D-16711-041- -SHIPALT MCM1-00145D - ACCOMP			MJC: EXSAD526		Rev Date: 7/7/2009
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 7	Alt No: SA MCM1 00145D
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-16711-41) SHIPALT MCM1-00145D, SMALL ARM LOCKER DOOR, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-00145D WHICH INSTALLS A COVER FOR THE FIXED LIGHT IN THE DOOR TO THE SMALL ARMS MAGAZINE.

Task/Abbreviation: A-23310-014- -AER MCM1-00832 - ACCOMP			MJC: EXT YA515		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:	ManDays:	Alt No: TYMCM 00832
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-23310-14) AER MCM1-00832, DIESEL ENG JW DEMINERALIZER, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00832 WHICH INSTALLS DIESEL ENGINE JACKET WATER DEMINERALIZER TO IMPROVE THE RELIABILITY OF THE DIESEL ENGINE JACKET WATER COOLING SYSTEM.

Task/Abbreviation: A-23310-019- -AER MCM1-00828 - ACCOMP			MJC: EXTYA852		Rev Date: 6/23/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: TYMCM 00828
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-23310-19) AER MCM1-00828, IF ENGINE FITTED BOLTS, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00828 WHICH INSTALLS IF ENGINE FITTED BOLTS.

Task/Abbreviation: A-23310-020- -AER MCM1-60026 - ACCOMP				MJC: EXTYA854	Rev Date: 6/23/2005
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: TYMCM 60026
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-23310-20) AER MCM1-60026, VIBRACON SPHERICAL CHOCKS, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-60026 WHICH INSTALLS VIBRACON SPHERICAL CHOCKS.

Task/Abbreviation: A-23310-021- -AER MCM1-60205 - ACCOMP				MJC: EXT YA855		Rev Date: 6/23/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:		Alt No: TYMCM 60205	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(A-23310-21) AER MCM1-60205, INSTALL SEPAR FUEL SEPARATOR, NOT ACCOMPLISHED				ACCOMPLISH AER MCM1-60205 WHICH INSTALLS SEPAR FUEL SEPARATOR.					

Task/Abbreviation: A-23310-022- -AER MCM1-60206 - ACCOMP			MJC: EXTYA856		Rev Date: 6/23/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:	Alt No: TYMCM 60206	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-23310-22) AER MCM1-60206, INSTALL FILTREX LUBE OIL FILTER, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-60206 WHICH INSTALLS A FILTREX LUBE OIL FILTER.

Task/Abbreviation: K-23310-025- -SHIPALT MCM1-72306K - ACCOMP				MJC: EXSAK718		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: 10		Alt No: SAMCM 72306 K	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-23310-25) SHIPALT MCM1-72306K, IF ENGINE PPIP, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-72306K, IF ENGINE PPIP, WHICH THE RELIABILITY, MAINTAINABILITY, AND AVAILABILITY OF THE ISOTTA FRASCHINI 6V DIESEL ENGINE DOES NOT MEET MINIMUM FLEET READINESS STANDARDS. THIS CHANGE WILL COMPLETE THE PRODUCT IMPROVEMENT UPGRADE ACROSS THE MCM CLASS. POC, JIM FAZIO, 202-781-4372, JAMES.FAZIO@NAVY.MIL.

Task/Abbreviation: I-23311-001- -PRPLN DSL ENG - INSP/OP TST			MJC: EXECICV5		Rev Date: 7/20/2011					
RCM Analysis: 2/5/2007		Scheduled: Y		Sit Reqs:		Qty: 4	Removal Required:			
Lvl of Maint: 3		Freq: 18		Equip/Task: 1		Matl Cost:		ManDays: 3	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				
JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 4.3 GC:283600,MA:1363										

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-23311-001)JOINT FLEET MAINTENANCE MANUAL INST 4790.3 REQUIREMENT DUE.	ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE PROPULSION DIESEL 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-23311-002- -PRPLN DSL ENG - RPR**MJC:** EXECQ063**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 11,700**ManDays:** 260**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23311-002)DIESEL ENGINE REQUIRES REPAIR

REPAIR MAIN PROPULSION DIESEL ENGINE (MPDE) PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE MPDE 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 REDUCTION GEAR. 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-23311-003- -ELECTRO/MECH-HYDR GOV - RPR**MJC:** EXECQA26**Rev Date:** 7/20/2011**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:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23311-003) GOVERNOR REQUIRES REPAIR

ACCOMPLISH AUTHORIZED REPAIRS TO ELECTRO/MECHANICAL-HYDRAULIC SPEED GOVERNOR SYSTEM OF THE PROPULSION DIESEL ENGINE 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-23311-005- -PRPLN DSL ENG FW CLR - RPR**MJC:** EXECQA38**Rev Date:** 7/20/2011**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:** 3**Reason:** **Problem Description:**

BASELINE (Q-23311-005)COOLER REQUIRES REPAIR

Recommended Solution:

ACCOMPLISH THE FOLLOWING REPAIRS TO THE FRESH WATER COOLERS OF THE PROPULSION DIESEL ENGINE 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 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. REPLACE COOLER TUBES. B. REPLACE COOLER ZINCS. C. REMOVE FRESH WATER COOLER(S) TO SHOP FOR REPAIRS.

Task/Abbreviation: Q-23311-008- -PRPLN ENG AIR STG MOT - RPR				MJC: EXECQA56		Rev Date: 8/15/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 2,500		ManDays: 25		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-23311-008)AIR START MOTOR REQUIRES REPAIR				REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE AIR START MOTOR OF THE PROPULSION DIESEL ENGINE. REPLACE WORN AND DAMAGED PARTS. REASSEMBLE START MOTOR USING NEW GASKETS AND SEALS. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.					

Task/Abbreviation: Q-23311-010- -ATCHD JKT WTR PMP - RPR			MJC: EXECQA68		Rev Date: 7/20/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 950	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23311-010)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. 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.

Task/Abbreviation: Q-23311-011- -ATCHD SW PMP - RPR			MJC: EXECQA74		Rev Date: 7/20/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 515	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23311-011)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. 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. ACOMPLISH SATISFACTORY OPERATIONAL TESTS. A. REPLACE SHAFT B. REPLACE IMPELLER. C. REPLACE WEARING RING(S). D. REPLACE DRIVE GEAR. E. REPLACE SHAFT SLEEVE.

Task/Abbreviation: Q-23311-036- -PRPLN ENG CRIT HOSE - REPL**MJC:** EXECQAF8**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:****Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3

NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265

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

BASELINE

(Q-23311-036) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE PROPULSION ENGINE 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 PROPULSION ENGINE 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: Z-23311-039- -PRPLN ENG FDN BOLTS - TORQUE			MJC: EXECZ012		Rev Date: 8/26/1998
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	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:
MCM 1 AND 2	TBD	INSPECT AND TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/005-B0, MRC 41 8CRV N.

Reason:	Problem Description:	Recommended Solution:
MCM 3 THROUGH 4	TBD	TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/008-11, MRC B5 8HJB N.

Task/Abbreviation: Z-23311-041- -EXH TEMP THERMOCOUPLE-CLN/INSP			MJC: EXECZ043		Rev Date: 2/3/1999
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: X	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: X	Matl Cost: 250	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
MCM 3 THROUGH 7	TBD	CLEAN AND INSPECT PROPULSION DIESEL ENGINE EXHAUST TEMPERATURE THERMOCOUPLES IN ACCORDANCE WITH MIP 2331/008-11, MRC C8 8HJC N.

Task/Abbreviation: Z-23311-042- -PRPLN ENG FUEL INJ NOZ - TST				MJC: EXECZ045		Rev Date: 2/3/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 24		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 6		Matl Cost: 50		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
MCM 3 THROUGH 7		TBD				TEST THE MAIN PROPULSION DIESEL ENGINE FUEL INJECTION NOZZLES IN ACCORDANCE WITH MIP 2331/008, MRC A0 8TYZ Y.					

Task/Abbreviation: Z-23311-043- -PRPLN ENG CYL - BORESCOPE INSP			MJC: EXECZ047		Rev Date: 2/3/1999
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
MCM 3 THROUGH 7	TBD	INSPECT THE MAIN PROPULSION DIESEL ENGINE CYLINDER WITH BORESCOPE IN ACCORDANCE WITH MIP 2331/008-11, MRC A0 8TYZ Y.

Task/Abbreviation: Z-23311-045- -PRPLN ENG -PREP FOR INACTIVITY			MJC: EXECZ051		Rev Date: 2/3/1999
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 200	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
MCM 1 AND 2	TBD	PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/005-B0 MRC C8 8CRY N.

Reason:	Problem Description:	Recommended Solution:
MCM 3 THROUGH 7	TBD	PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/008-11, MRC 47 8HJL N.

Task/Abbreviation: Z-23311-046- -PRPLN ENG - PREP FOR OPN				MJC: EXECZ053		Rev Date: 2/3/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 200		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
MCM 1 AND 2		TBD				PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR OPERATION IN ACCORDANCE WITH MIP 2331/005-B0 MRC C8 8CRZ N.					

Task/Abbreviation: I-23311-058- -POST DSL ENG OVHL INSP- ACCOMP**MJC:** EXECI436**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**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-23311-058)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: Z-23311-059- -PRPLN DENG PRFM TST - CNDCT				MJC: EXECZ099		Rev Date: 9/6/2001					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		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		TBD				CONDUCT MAIN PROPULSION DIESEL ENGINE PERFORMANCE TEST IN ACCORDANCE WITH MIP 2331/005-B0, MRC A0 8TWG N (APPLICABLE TO MCM 1 AND 2 ONLY).					

Task/Abbreviation: Z-23311-060- -PRPLN DSL ENG FUEL INJ - TST				MJC: EXECZ100		Rev Date: 7/13/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 48		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 12		Matl Cost: 50		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				TEST PROPULSION DIESEL ENGINE FUEL INJECTORS IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRU Y (APPLICABLE TO MCM 1 AND 2 ONLY)					

Task/Abbreviation: Z-23311-061- -PRPLN ENG FW PUMP - RMV & DEL			MJC: EXECZ101		Rev Date: 9/11/2001
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	TBD	REMOVE & DELIVER PROPULSION DIESEL ENGINE FRESHWATER PUMP TO REPAIR ACTIVITY FOR OVERHAUL. RECEIVE OVERHAULED FRESHWATER PUMP FROM REPAIR ACTIVITY AND REINSTALL. ACCOMPLISH THE ABOVE WORK IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRW Y (APPLICABLE TO MCM 1 AND 2 ONLY).			

Task/Abbreviation: Z-23311-062- -PRPLN ENG SW PMP - RMV & DEL			MJC: EXECZ102		Rev Date: 9/13/2001
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	TBD	REMOVE & DELIVER PROPULSION DIESEL ENGINE SEAWATER PUMP TO REPAIR ACTIVITY FOR OVERHAUL. RECEIVE OVERHAULED SEAWATER PUMP FROM REPAIR ACTIVITY AND REINSTALL. ACCOMPLISH THE ABOVE WORK IN ACCORDANCE WITH MIP 2331/005-B0, MRC 56 8CRX Y.			

Task/Abbreviation: Z-23311-063- -DENG OIL PRESS REG VLV - REPL				MJC: EXECZ103		Rev Date: 9/18/2001					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 250		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				REPLACE PROPULSION DIESEL ENGINE OIL PRESSURE REGULATOR VALVE IN ACCORDANCE WITH MIP 2331/008-11, MRC C8 8VZG Y (MCM 3 THROUGH 14 ONLY).					

Task/Abbreviation: Q-23311-064- -PRPLN DSL FW CLR - PLUG TB			MJC: EXECJ479		Rev Date: 8/15/2011
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23311-064)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-23311-065- -PRPLN DSL FW CLR - REPL BUNDLE			MJC: EXECJ483		Rev Date: 8/15/2011	
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23311-065)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-23311-066- -PRPLN DSL FW CLR - REPL TB				MJC: EXECJ487		Rev Date: 8/15/2011					
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: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23311-066)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-23311-067- -PRPLN DSL FW CLR - REPL ZINCS			MJC: EXECJ491		Rev Date: 8/15/2011
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23311-067)DSL ENG FW CLR REQUIRES CLEANING.	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-23311-068- -PRPLN DSL FW CLR - REROLL TB			MJC: EXECJ495		Rev Date: 8/15/2011
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23311-068)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-23311-069- -PRPLN DSL FW CLR - RPR TB SH			MJC: EXECJ499		Rev Date: 8/15/2011	
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: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23311-069)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-23311-070- -PRPLN DSL FW CLR-RPR TB SPRTS			MJC: EXECJ503		Rev Date: 8/15/2011
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23311-070)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-23311-079- -ATCHD JKT WTR PMP - REPL		MJC: EXECJBG7	Rev Date: 8/15/2011		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 9,500	ManDays: 4	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-23311-079) PUMP REQUIRES REPLACEMENT	REPLACE THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: Q-23311-083- -ATCHD SW PMP - REPL			MJC: EXECJBM6		Rev Date: 8/15/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 5,150	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-23311-083) PUMP REQUIRES REPLACEMENT	REPLACE THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: Q-23311-189- -MPDE - OVHL**MJC:** EXECQE33**Rev Date:** 8/15/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 90,000**ManDays:** 260**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23311-189) THE MAIN PROPULSION DIESEL ENGINE REQUIRES OVERHAUL.

AT 10,000 HOURS OF OPERATION, OVERHAUL MAIN PROPULSION DIESEL ENGINE PER TRS S9233-B9-TRS-010. ON COMPLETION OF OVERHAUL ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND REDUCTION GEAR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

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

MCM 1 AND MCM 2

(Q-23311-189) THE MAIN PROPULSION DIESEL ENGINE REQUIRES OVERHAUL.

AT 10,000 HOURS OF OPERATION, OVERHAUL MAIN PROPULSION DIESEL ENGINE PER TRS S9233-BM-TRS-010. ON COMPLETION OF OVERHAUL ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND REDUCTION GEAR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

Task/Abbreviation: O-23311-190- -SCD 07972 - ACCOMP**MJC:** EXSAK871**Rev Date:** 6/1/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:****Alt No:** SCD 07972**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-23311-190) SCD 07972, REPLACE DIESEL
EXHAUST FLANGES, NOT ACCOMPLISHEDACCOMPLISH SCD 07972 WHICH REPLACES 1/2 INCH THICK CRES 347
FLAT-FACED FLANGES ON ALL DIESEL EXHAUST FLANGE
ASSEMBLIES WITH RAISED FACE WELDED FLANGES MADE OF CRES
347. NEW FLANGE WELDED JOINT IS CATEGORY P-1 EXCEPT X-RAY
IS NOT A REQUIREMENT PER S9074-AR-GIB-010/278. IN ADDITION,
NEW GRAFOIL GHR GASKET AND CRES 347 FASTENERS SHALL BE
INSTALLED. NEW FLEXIBLE EXPANSION JOINTS WITH RAISED FACES
SHALL BE INSTALLED. NEW FASTENERS SHALL BE TORQUED TO
PROVIDE A MINIMUM OF 2,000-PSI COMPRESSION ON GASKET.
FLANGE ASSEMBLY SHALL UTILIZE APPROPRIATE HIGH
TEMPERATURE THREAD LUBRICANT. POC: PAUL BROWN,
619-437-2371, PAUL.E.BROWN@NAVY.MIL

Task/Abbreviation: A-23311-191- -AER MCM1-77972 - ACCOMP			MJC: EXTAAA81		Rev Date: 6/15/2011	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 59,000	ManDays: 1400	Alt No: TYMCM 77972	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASLINE	(A-23311-191) AER MCM1-77972, REPLACE DIESEL EXHAUST FLANGES, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-77972 WHICH REPLACES THICK CRES 347 FLAT-FACED FLANGES ON ALL DIESEL EXHAUST FLANGE ASSEMBLIES WITH RAISED FACE WELDED FLANGES MADE OF CRES 347. NEW FLANGE WELDED JOINT IS CATEGORY P-1 EXCEPT X-RAY IS NOT A REQUIREMENT PER S9074-AR-GIB-010/278. IN ADDITION, NEW GRAFOIL GHR GASKET AND CRES 347 FASTENERS SHALL BE INSTALLED. NEW FLEXIBLE EXPANSION JOINTS WITH RAISED FACES SHALL BE INSTALLED. NEW FASTENERS SHALL BE TORQUED TO PROVIDE A MINIMUM OF 2,000-PSI COMPRESSION ON GASKET. FLANGE ASSEMBLY SHALL UTILIZE APPROPRIATE HIGH TEMPERATURE THREAD LUBRICANT. POC: PAUL BROWN, 619-437-2371, PAUL.E.BROWN@NAVY.MIL

Task/Abbreviation: I-23311-193- -MPDE RESIL MT - INSP			MJC: EXECIJ29		Rev Date: 8/15/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 0	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:
MCM 1 & 2	(I-23311-193) RESILIENT MOUNTS ON THE MAIN PROPULSION DIESEL ENGINE REQUIRES INSPECTION.	ACCOMPLISH THE PROPULSION DIESEL ENGINE ASSESSMENT IN ACCORDANCE WITH MRC 9HFF AS FOLLOWS: 1. INSPECT RESILIENT MOUNTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.
Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-23311-193) RESILIENT MOUNTS ON THE MAIN PROPULSION DIESEL ENGINE REQUIRES INSPECTION.	ACCOMPLISH THE PROPULSION DIESEL ENGINE ASSESSMENT IN ACCORDANCE WITH MRC CY5C AS FOLLOWS: 1. INSPECT RESILIENT MOUNTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-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-23311-194- -MPDE RESIL MT - REPL			MJC: EXECQEN4		Rev Date: 8/15/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,800	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23311-194) PROPULSION DIESEL ENGINE RESILIENT MOUNTS REQUIRE REPLACEMENT.	REPLACE PROPULSION DIESEL ENGINE RESILIENT MOUNTS BASED ON CONDITION ASSESSMENT. REFER TO NAVSEA S9073-A2-HBK-010, NAVY RESILIENT MOUNT HANDBOOK, FOR REPLACEMENT CRITERIA.

Task/Abbreviation: O-23311-215- -EC 76482 DIESEL ENG - ACCOMP**MJC:** EXSAO501**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:** 38**Alt No:** EC 76482**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-23311-215) EC 76482 DIESEL ENGINE, MCM
SINGLE BODY FUEL PUMP, NOT ACCOMPLISHEDACCOMPLISH EC 76482 DIESEL ENGINE, MCM SINGLE BODY FUEL
PUMP, WHICH REPLACES THE PRESENT FUEL FEED PUMP,
DISTRIBUTION VALVE, RELIEF VALVE, AND ALL ASSOCIATED PIPING
AT THE REAR OF THE ENGINE WITH A SINGLE BODIED UNIT WITH NO
PIPING EXCEPT THE INLET AND OUTLET HOSES. INCORPORATES
THE SELECTOR VALVES, PRIMING PUMP, AND FEED PUMP INTO A
SINGLE UNIT AND ELEMINATES LEAK POINTS FROM THE PIPING.
THIS SHIP CHANGE APPLIES TO IF ENGINES (MCMS 3-14). POC:
CHRIS SINGER, 202-781-3802, CHRISTOPHER.SINGER@NAVY.MIL.

Task/Abbreviation: O-23311-216- -EC 76484 DIESEL ENG - ACCOMP			MJC: EXSAO503		Rev Date: 8/11/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 32	Alt No: EC 76484
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-23311-216) EC 76484 DIESEL ENGINE, MCM-IF REPLACE TURBOCHARGERS, NOT ACCOMPLISHED	ACCOMPLISH EC 76484 DIESEL ENGINE, MCM-IF REPLACE TURBOCHARGERS, WHICH REPLACES UNSUPPORTED TURBOCHARGER CURRENTLY ON IF ENGINES WITH LOGISTICALLY SUPPORTED TURBOCHARGER. THIS SHIP CHANGE APPLIES TO IF ENGINES (MCMS 3-14). POC: CHRIS SINGER, 202-781-3802, CHRISTOPHER.SINGER@NAVY.MIL.

Task/Abbreviation: I-23312-001- -PRPLN DSL ENG - INSP/OP TST			MJC: EXECICV6		Rev Date: 7/20/2011					
RCM Analysis: 2/5/2007		Scheduled: Y		Sit Reqs:		Qty: 4	Removal Required:			
Lvl of Maint: 3		Freq: 18		Equip/Task: 1		Matl Cost:		ManDays: 3	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				
JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 4.3 GC:283600,MA:1363										

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-23312-001)JOINT FLEET MAINTENANCE MANUAL INST 4790.3 REQUIREMENT DUE.	ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE PROPULSION DIESEL 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-23312-002- -PRPLN DSL ENG - RPR**MJC:** EXECQ064**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 11,700**ManDays:** 260**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23312-002)DIESEL ENGINE REQUIRES REPAIR

REPAIR MAIN PROPULSION DIESEL ENGINE (MPDE) PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE MPDE 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 REDUCTION GEAR. 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-23312-003- -ELECTRO/MECH-HYDR GOV - RPR**MJC:** EXECQA27**Rev Date:** 7/20/2011**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:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23312-003)GOVERNOR REQUIRES REPAIR

ACCOMPLISH AUTHORIZED REPAIRS TO ELECTRO/MECHANICAL-HYDRAULIC SPEED GOVERNOR SYSTEM OF THE PROPULSION DIESEL ENGINE 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-23312-005- -PRPLN DSL ENG FW CLR - RPR			MJC: EXECQA39		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-23312-005)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-23312-008- -PRPLN ENG AIR STG MOT - RPR				MJC: EXECQA57		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 2,500		ManDays: 25		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-23312-008)AIR START MOTOR REQUIRES REPAIR				REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE AIR START MOTOR OF THE PROPULSION DIESEL ENGINE. REPLACE WORN AND DAMAGED PARTS. REASSEMBLE START MOTOR USING NEW GASKETS AND SEALS. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.					

Task/Abbreviation: Q-23312-010- -ATCHD JKT WTR PMP - RPR			MJC: EXECQA69		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: 950	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23312-010)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. 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.

Task/Abbreviation: Q-23312-011- -ATCHD SW PMP - RPR			MJC: EXECQA75		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: 515	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23312-011)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE. CLEAN AND INSPECT THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. 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.

Task/Abbreviation: Q-23312-036- -PRPLN ENG CRIT HOSE - REPL			MJC: EXECQAF9		Rev Date: 12/14/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty:	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23312-036) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE PROPULSION ENGINE 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 PROPULSION ENGINE 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: Z-23312-039- -PRPLN ENG FDN BOLTS - TORQUE			MJC: EXECZ034		Rev Date: 8/26/1998
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
MCM 1 AND 2	TBD	INSPECT AND TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/005-B0, MRC 41 8CRV N.

Reason:	Problem Description:	Recommended Solution:
MCM 3 THROUGH 4	TBD	TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/008-11, MRC B5 8HJB N.

Task/Abbreviation: Z-23312-041- -EXH TEMP THERMOCOUPLE-CLN/INSP			MJC: EXECZ044		Rev Date: 2/3/1999
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: X	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: X	Matl Cost: 250	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
MCM 3 THROUGH 7	TBD	CLEAN AND INSPECT PROPULSION DIESEL ENGINE EXHAUST TEMPERATURE THERMOCOUPLES IN ACCORDANCE WITH MIP 2331/008-11, MRC C8 8HJC N.

Task/Abbreviation: Z-23312-042- -PRPLN ENG FUEL INJ NOZ - TST				MJC: EXECZ046		Rev Date: 2/3/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 24		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 6		Matl Cost: 50		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
MCM 3 THROUGH 7		TBD				TEST THE MAIN PROPULSION DIESEL ENGINE FUEL INJECTION NOZZLES IN ACCORDANCE WITH MIP 2331/008-11, MRC A0 8TYZ Y.					

Task/Abbreviation: Z-23312-043- -PRPLN ENG CYL - BORESCOPE INSP			MJC: EXECZ048		Rev Date: 2/4/1999
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
MCM 3 THROUGH 7	TBD	INSPECT THE MAIN PROPULSION DIESEL ENGINE CYLINDER WITH BORESCOPE IN ACCORDANCE WITH MIP 2331/008-11, MRC A0 8TYZ Y.

Task/Abbreviation: Z-23312-045- -PRPLN ENG -PREP FOR INACTIVITY			MJC: EXECZ052		Rev Date: 2/8/1999
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 200	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
MCM 1 AND 2	TBD	PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRY N.

Reason:	Problem Description:	Recommended Solution:
MCM 3 THROUGH 7	TBD	PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/008-11 MRC 47 8HJL N.

Task/Abbreviation: Z-23312-046- -PRPLN ENG - PREP FOR OPN				MJC: EXECZ054		Rev Date: 2/8/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 200		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
MCM 1 AND 2	TBD	PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR OPERATION IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRZ N.

Reason:	Problem Description:	Recommended Solution:
BASELINE	TBD	PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR OPERATION IN ACCORDANCE WITH MIP 2331/013.

Task/Abbreviation: I-23312-058- -POST DSL ENG OVHL INSP- ACCOMP**MJC:** EXECI437**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**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-23312-058)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: Z-23312-059- -PRPLN DENG PRFM TST - CNDCT				MJC: EXECZ116	Rev Date: 12/16/2004
RCM Analysis:	Scheduled: N	Sit Reqs:		Qty: 4	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	TBD	CONDUCT MAIN PROPULSION DIESEL ENGINE PERFORMANCE TEST IN ACCORDANCE WITH MIP 2331/005-B0, MRC A0 8TWG N (APPLICABLE TO MCM 1 AND 2 ONLY).

Task/Abbreviation: Z-23312-060- -PRPLN DSL ENG FUEL INJ - TST				MJC: EXECZ119		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 50		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				TEST PROPULSION DIESEL ENGINE FUEL INJECTORS IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRU Y (APPLICABLE TO MCM 1 AND 2 ONLY)					

Task/Abbreviation: Z-23312-061- -PRPLN ENG FW PUMP - RMV & DEL			MJC: EXECZ122		Rev Date: 12/16/2004
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	TBD	REMOVE & DELIVER PROPULSION DIESEL ENGINE FRESHWATER PUMP TO REPAIR ACTIVITY FOR OVERHAUL. RECEIVE OVERHAULED FRESHWATER PUMP FROM REPAIR ACTIVITY AND REINSTALL. ACCOMPLISH THE ABOVE WORK IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRW Y.			

Task/Abbreviation: Z-23312-062- -PRPLN ENG SW PMP - RMV & DEL			MJC: EXECZ125		Rev Date: 12/16/2004
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:		Recommended Solution:		
BASELINE	TBD		REMOVE & DELIVER PROPULSION DIESEL ENGINE SEAWATER PUMP TO REPAIR ACTIVITY FOR OVERHAUL. RECEIVE OVERHAULED SEAWATER PUMP FROM REPAIR ACTIVITY AND REINSTALL. ACCOMPLISH THE ABOVE WORK IN ACCORDANCE WITH MIP 2331/005-B0, MRC 56 8CRX Y.		

Task/Abbreviation: Z-23312-063- -DENG OIL PRESS REG VLV - REPL				MJC: EXECZ128		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 250		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				REPLACE PROPULSION DIESEL ENGINE OIL PRESSURE REGULATOR VALVE IN ACCORDANCE WITH MIP 2331/008-11, MRC C8 8VZG Y (MCM 3 THROUGH 14 ONLY).					

Task/Abbreviation: Q-23312-064- -PRPLN DSL FW CLR - PLUG TB			MJC: EXECJ480		Rev Date: 5/16/2005
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23312-064)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-23312-065- -PRPLN DSL FW CLR - REPL BUNDLE			MJC: EXECJ484		Rev Date:
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23312-065)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-23312-066- -PRPLN DSL FW CLR - REPL TB			MJC: EXECJ488		Rev Date: 5/16/2005
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23312-066)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-23312-067- -PRPLN DSL FW CLR - REPL ZINCS				MJC: EXECJ492		Rev Date:					
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: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-23312-067)DSL ENG FW CLR REQUIRES CLEANING.				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-23312-068- -PRPLN DSL FW CLR - REROLL TB		MJC: EXECJ496	Rev Date: 7/13/2004		
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: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23312-068)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-23312-069- -PRPLN DSL FW CLR - RPR TB SH			MJC: EXECJ500		Rev Date: 7/14/2004
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23312-069)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-23312-070- -PRPLN DSL FW CLR-RPR TB SPRTS			MJC: EXECJ504		Rev Date:	
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: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23312-070)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-23312-079- -ATCHD JKT WTR PMP - REPL				MJC: EXECJBM8		Rev Date: 2/23/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 9,500		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-23312-079)PUMP REQUIRES REPLACEMENT				REPLACE THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-23312-081- -ATCHD SW PMP - REPL				MJC: EXECJBN0		Rev Date: 2/23/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 5,150		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-23312-081)PUMP REQUIRES REPLACEMENT				REPLACE THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-23312-184- -MPDE - OVHL**MJC:** EXECQE34**Rev Date:** 3/30/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 90,000**ManDays:** 260**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23312-184) THE MAIN PROPULSION DIESEL ENGINE REQUIRES OVERHAUL.

AT 10,000 HOURS OF OPERATION, OVERHAUL MAIN PROPULSION DIESEL ENGINE PER TRS S9233-B9-TRS-010. ON COMPLETION OF OVERHAUL ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND REDUCTION GEAR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

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

MCM 1 AND MCM 2

(Q-23312-184) THE MAIN PROPULSION DIESEL ENGINE REQUIRES OVERHAUL.

AT 10,000 HOURS OF OPERATION, OVERHAUL MAIN PROPULSION DIESEL ENGINE PER TRS S9233-BM-TRS-010. ON COMPLETION OF OVERHAUL ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND REDUCTION GEAR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

Task/Abbreviation: I-23312-186- -MPDE RESIL MT - INSP			MJC: EXECIJ30		Rev Date: 6/29/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	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:
MCM 1 & 2	(I-23312-186) RESILIENT MOUNTS ON THE MAIN PROPULSION DIESEL ENGINE REQUIRES INSPECTION.	ACCOMPLISH PROPULSION DIESEL ENGINE ASSESSMENT IN ACCORDANCE WITH MRC 9HFF AS FOLLOWS: 1. INSPECT RESILIENT MOUNTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.
Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-23312-186) RESILIENT MOUNTS ON THE MAIN PROPULSION DIESEL ENGINE REQUIRES INSPECTION.	ACCOMPLISH PROPULSION DIESEL ENGINE ASSESSMENT IN ACCORDANCE WITH MRC CY5C AS FOLLOWS: 1. INSPECT RESILIENT MOUNTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-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-23312-187- -MPDE RESIL MT - REPL**MJC:** EXECQEN5**Rev Date:** 6/30/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,800**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23312-187) PROPULSION DIESEL ENGINE
RESILIENT MOUNTS REQUIRE REPLACEMENT.REPLACE PROPULSION DIESEL ENGINE RESILIENT MOUNTS BASED
ON CONDITION ASSESSMENT. REFER TO NAVSEA
S9073-A2-HBK-010, NAVY RESILIENT MOUNT HANDBOOK, FOR
REPLACEMENT CRITERIA.

Task/Abbreviation: I-23313-001- -PRPLN DSL ENG - INSP/OP TST MJC: EXECICV7 Rev Date: 7/20/2011

RCM Analysis: 2/5/2007 Scheduled: Y Sit Reqs: Qty: 4 Removal Required:

Lvl of Maint: 3 Freq: 18 Equip/Task: 1 Matl Cost: ManDays: 3 Alt No:

Referenced Authority: Repair Pool: MCC: 3

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 4.3 GC:283600,MA:1363

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-23313-001)JOINT FLEET MAINTENANCE MANUAL INST 4790.3 REQUIREMENT DUE.	ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE PROPULSION DIESEL 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-23313-002- -PRPLN DSL ENG - RPR			MJC: EXECQ065		Rev Date: 9/8/2011	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 11,700	ManDays: 260	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23313-002)DIESEL ENGINE REQUIRES REPAIR	REPAIR MAIN PROPULSION DIESEL ENGINE (MPDE) PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE MPDE 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 REDUCTION GEAR. 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-23313-003- -ELECTRO/MECH-HYDR GOV - RPR**MJC:** EXECQA28**Rev Date:** 9/8/2011**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:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23313-003)GOVERNOR REQUIRES REPAIR

ACCOMPLISH AUTHORIZED REPAIRS TO ELECTRO/MECHANICAL-HYDRAULIC SPEED GOVERNOR SYSTEM OF THE PROPULSION DIESEL ENGINE 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 IN PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23313-005- -PRPLN DSL ENG FW CLR - RPR			MJC: EXECQA40		Rev Date: 3/29/2001
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-23313-005)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-23313-008- -PRPLN ENG AIR STG MOT - RPR			MJC: EXECQA58		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 2,500	ManDays: 25	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 3			
Reason:	Problem Description:		Recommended Solution:			
BASELINE	(Q-23313-008)AIR START MOTOR REQUIRES REPAIR		REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE AIR START MOTOR OF THE PROPULSION DIESEL ENGINE. REPLACE WORN AND DAMAGED PARTS. REASSEMBLE START MOTOR USING NEW GASKETS AND SEALS. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.			

Task/Abbreviation: Q-23313-010- -ATCHD JKT WTR PMP - RPR			MJC: EXECQA70		Rev Date: 5/11/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 950	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23313-010)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. 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.

Task/Abbreviation: Q-23313-011- -ATCHD SW PMP - RPR			MJC: EXECQA76		Rev Date: 5/11/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 515	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23313-011)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. 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.

Task/Abbreviation: Q-23313-036- -PRPLN ENG CRIT HOSE - REPL			MJC: EXECQAG0		Rev Date: 12/14/2009
RCM Analysis:		Scheduled: Y	Sit Reqs:	Qty:	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23313-036) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE PROPULSION ENGINE 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 PROPULSION ENGINE 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: Z-23313-039- -PRPLN ENG FDN BOLTS - TORQUE			MJC: EXECZ035		Rev Date: 8/26/1998
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
MCM 1 AND 2	TBD	INSPECT AND TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/005-B0, MRC 41 8RCV N.

Reason:	Problem Description:	Recommended Solution:
MCM 3 THROUGH 4	TBD	TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/008-11, MRC B5 8HJB N.

Task/Abbreviation: Z-23313-041- -EXH TEMP THERMOCOUPLE-CLN/INSP				MJC: EXECZ106		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: X		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: X		Matl Cost: 250		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
MCM 3 THROUGH 7		TBD				CLEAN AND INSPECT PROPULSION DIESEL ENGINE EXHAUST TEMPERATURE THERMOCOUPLES IN ACCORDANCE WITH MIP 2331/008-11, MRC C8 8HJC N.					

Task/Abbreviation: Z-23313-042- -PRPLN ENG FUEL INJ NOZ - TST				MJC: EXECZ108		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 24		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 6		Matl Cost: 50		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
MCM 3 THROUGH 7		TBD				TEST THE MAIN PROPULSION DIESEL ENGINE FUEL INJECTION NOZZLES IN ACCORDANCE WITH MIP 2331/008-11, MRC A0 8TYZ Y.					

Task/Abbreviation: Z-23313-043- -PRPLN ENG CYL - BORESCOPE INSP				MJC: EXECZ110		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 50		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
MCM 3 THROUGH 7	TBD	INSPECT THE MAIN PROPULSION DIESEL ENGINE CYLINDER WITH BORESCOPE IN ACCORDANCE WITH MIP 2331/008-11, MRC A0 8TYZ Y.

Task/Abbreviation: Z-23313-045- -PRPLN ENG -PREP FOR INACTIVITY			MJC: EXECZ112		Rev Date: 12/16/2004
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 200	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
MCM 1 AND 2	TBD	PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/005-B0 MRC C8 8CRY N.

Reason:	Problem Description:	Recommended Solution:
MCM 3 THROUGH 7	TBD	PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/008-11 MRC 47 8HJL N.

Task/Abbreviation: Z-23313-046- -PRPLN ENG - PREP FOR OPN				MJC: EXECZ114		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 200		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
MCM 1 AND 2		TBD				PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR OPERATION IN ACCORDANCE WITH MIP 2331/005-B0 MRC C8 8CRZ N.					

Task/Abbreviation: I-23313-058- -POST DSL ENG OVHL INSP- ACCOMP**MJC:** EXECI438**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**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-23313-058)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: Z-23313-059- -PRPLN DENG PRFM TST - CNDCT				MJC: EXECZ117		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		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		TBD				CONDUCT MAIN PROPULSION DIESEL ENGINE PERFORMANCE TEST IN ACCORDANCE WITH MIP 2331/005-B0, MRC A0 8TWG N (APPLICABLE TO MCM 1 AND 2 ONLY).					

Task/Abbreviation: Z-23313-060- -PRPLN DSL ENG FUEL INJ - TST				MJC: EXECZ120		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 48		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 12		Matl Cost: 50		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				TEST PROPULSION DIESEL ENGINE FUEL INJECTORS IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRU Y (APPLICABLE TO MCM 1 AND 2 ONLY)					

Task/Abbreviation: Z-23313-061- -PRPLN ENG FW PUMP - RMV & DEL				MJC: EXECZ123		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 50		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				REMOVE & DELIVER PROPULSION DIESEL ENGINE FRESHWATER PUMP TO REPAIR ACTIVITY FOR OVERHAUL. RECEIVE OVERHAULED FRESHWATER PUMP FROM REPAIR ACTIVITY AND REINSTALL. ACCOMPLISH THE ABOVE WORK IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRW Y.					

Task/Abbreviation: Z-23313-062- -PRPLN ENG SW PMP - RMV & DEL			MJC: EXECZ126		Rev Date: 12/16/2004
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:		Recommended Solution:		
BASELINE	TBD		REMOVE & DELIVER PROPULSION DIESEL ENGINE SEAWATER PUMP TO REPAIR ACTIVITY FOR OVERHAUL. RECEIVE OVERHAULED SEAWATER PUMP FROM REPAIR ACTIVITY AND REINSTALL. ACCOMPLISH THE ABOVE WORK IN ACCORDANCE WITH MIP 2331/005-B0, MRC 56 8CRX Y.		

Task/Abbreviation: Z-23313-063- -DENG OIL PRESS REG VLV - REPL				MJC: EXECZ129		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 250		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				REPLACE PROPULSION DIESEL ENGINE OIL PRESSURE REGULATOR VALVE IN ACCORDANCE WITH MIP 2331/008-11, MRC C8 8VZG Y (MCM 3 THROUGH 14 ONLY).					

Task/Abbreviation: Q-23313-064- -PRPLN DSL FW CLR - PLUG TB			MJC: EXECJ481		Rev Date: 5/16/2005
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23313-064)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-23313-065- -PRPLN DSL FW CLR - REPL BUNDLE			MJC: EXECJ485		Rev Date:	
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: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23313-065)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-23313-066- -PRPLN DSL FW CLR - REPL TB			MJC: EXECJ489		Rev Date: 5/16/2005
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23313-066)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-23313-067- -PRPLN DSL FW CLR - REPL ZINCS				MJC: EXECJ493		Rev Date:					
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: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23313-067)DSL ENG FW CLR REQUIRES CLEANING.	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-23313-068- -PRPLN DSL FW CLR - REROLL TB			MJC: EXECJ497		Rev Date: 7/13/2004
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23313-068)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-23313-069- -PRPLN DSL FW CLR - RPR TB SH				MJC: EXECJ501		Rev Date: 7/14/2004					
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: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23313-069)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-23313-070- -PRPLN DSL FW CLR-RPR TB SPRTS			MJC: EXECJ505		Rev Date:
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23313-070)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-23313-079- -ATCHD JKT WTR PMP - REPL				MJC: EXECJBN4		Rev Date: 5/11/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 9,500		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-23313-079)PUMP REQUIRES REPLACEMENT				REPLACE THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-23313-081- -ATCHD SW WTR PMP - REPL				MJC: EXECJBN6		Rev Date: 5/11/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 5,150		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-23313-081)PUMP REQUIRES REPLACEMENT				REPLACE THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-23313-126- -MPDE - OVHL**MJC:** EXECQE35**Rev Date:** 3/30/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 90,000**ManDays:** 260**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23313-126) THE MAIN PROPULSION DIESEL ENGINE REQUIRES OVERHAUL.

AT 10,000 HOURS OF OPERATION, OVERHAUL MAIN PROPULSION DIESEL ENGINE PER TRS S9233-B9-TRS-010. ON COMPLETION OF OVERHAUL ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND REDUCTION GEAR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

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

MCM 1 AND MCM 2

(Q-23313-126) THE MAIN PROPULSION DIESEL ENGINE REQUIRES OVERHAUL.

AT 10,000 HOURS OF OPERATION, OVERHAUL MAIN PROPULSION DIESEL ENGINE PER TRS S9233-BM-TRS-010. ON COMPLETION OF OVERHAUL ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND REDUCTION GEAR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

Task/Abbreviation: I-23313-128- -MPDE RESIL MT - INSP			MJC: EXECIJ31		Rev Date: 6/29/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	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:
MCM 1 & 2	(I-23313-128) RESILIENT MOUNTS ON THE MAIN PROPULSION DIESEL ENGINE REQUIRES INSPECTION.	ACCOMPLISH PROPULSION DIESEL ENGINE ASSESSMENT IN ACCORDANCE WITH MRC 9HFF AS FOLLOWS: 1. INSPECT RESILIENT MOUNTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.
Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-23313-128) RESILIENT MOUNTS ON THE MAIN PROPULSION DIESEL ENGINE REQUIRES INSPECTION.	ACCOMPLISH PROPULSION DIESEL ENGINE ASSESSMENT IN ACCORDANCE WITH MRC CY5C AS FOLLOWS: 1. INSPECT RESILIENT MOUNTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-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-23313-129- -MPDE RESIL MT - REPL			MJC: EXECQEN6		Rev Date: 6/30/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,800	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23313-129) PROPULSION DIESEL ENGINE RESILIENT MOUNTS REQUIRE REPLACEMENT.	REPLACE PROPULSION DIESEL ENGINE RESILIENT MOUNTS BASED ON CONDITION ASSESSMENT. REFER TO NAVSEA S9073-A2-HBK-010, NAVY RESILIENT MOUNT HANDBOOK, FOR REPLACEMENT CRITERIA.

Task/Abbreviation: I-23314-001- -PRPLN DSL ENG - INSP/OP TST MJC: EXECICV8 Rev Date: 7/20/2011

RCM Analysis: 2/5/2007 Scheduled: Y Sit Reqs: Qty: 4 Removal Required:

Lvl of Maint: 3 Freq: 18 Equip/Task: 1 Matl Cost: ManDays: 3 Alt No:

Referenced Authority: Repair Pool: MCC: 3

JOINT FLEET MAINTENANCE MANUAL INST 4790.3 VOLUME 4 PARA 4.3 GC:283600,MA:1363

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-23314-001)JOINT FLEET MAINTENANCE MANUAL INST 4790.3 REQUIREMENT DUE.	ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE PROPULSION DIESEL 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-23314-002- -PRPLN DSL ENG - RPR			MJC: EXECQ066		Rev Date: 9/8/2011	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 11,700	ManDays: 260	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23314-002)DIESEL ENGINE REQUIRES REPAIR	REPAIR MAIN PROPULSION DIESEL ENGINE (MPDE) PER DIESEL ENGINE INSPECTION REPORT. DISASSEMBLE THE MPDE 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 REDUCTION GEAR. 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-23314-003- -ELECTRO/MECH-HYDR GOV - RPR**MJC:** EXECQA29**Rev Date:** 9/8/2011**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:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23314-003)GOVERNOR REQUIRES REPAIR

ACCOMPLISH AUTHORIZED REPAIRS TO ELECTRO/MECHANICAL-HYDRAULIC SPEED GOVERNOR SYSTEM OF THE PROPULSION DIESEL ENGINE 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 IN PLACE ACCOMPLISHMENT OF SPEED REGULATION ADJUSTMENT AND A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23314-005- -PRPLN DSL ENG FW CLR - RPR				MJC: EXECQA41		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-23314-005)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-23314-008- -PRPLN ENG AIR STG MOT - RPR				MJC: EXECQA59		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 2,500		ManDays: 25		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-23314-008)AIR START MOTOR REQUIRES REPAIR				REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE AIR START MOTOR OF THE PROPULSION DIESEL ENGINE. REPLACE WORN AND DAMAGED PARTS. REASSEMBLE START MOTOR USING NEW GASKETS AND SEALS. ACCOMPLISH SATISFACTORY SHOP AND OPERATIONAL TESTS.					

Task/Abbreviation: Q-23314-010- -ATCHD JKT WTR PMP - RPR			MJC: EXECQA71		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 950	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23314-010)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. 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.

Task/Abbreviation: Q-23314-011- -ATCHD SW PMP - RPR			MJC: EXECQA77		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 515	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23314-011)PUMP REQUIRES REPAIR	REMOVE, DISASSEMBLE, CLEAN AND INSPECT THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. REPORT CONDITIONS FOUND TO THE NSA. 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.

Task/Abbreviation: Q-23314-036- -PRPLN ENG CRIT HOSE - REPL			MJC: EXECQAG1		Rev Date: 12/14/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty:	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23314-036) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE PROPULSION ENGINE 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 PROPULSION ENGINE 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: Z-23314-039- -PRPLN ENG FDN BOLTS - TORQUE			MJC: EXECZ036		Rev Date: 12/22/1998
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
MCM 1 AND 2	TBD	INSPECT AND TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/005-B0, MRC 41 8RCV N.

Reason:	Problem Description:	Recommended Solution:
MCM 3 THROUGH 4	TBD	TORQUE THE PROPULSION DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 2331/008-11, MRC B5 8HJB N.

Task/Abbreviation: Z-23314-041- -EXH TEMP THERMOCOUPLE-CLN/INSP				MJC: EXECZ107		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: X		Matl Cost: 250		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
MCM 3 THROUGH 7		TBD				CLEAN AND INSPECT PROPULSION DIESEL ENGINE EXHAUST TEMPERATURE THERMOCOUPLES IN ACCORDANCE WITH MIP 2331/008-11, MRC C8 8HJC N.					

Task/Abbreviation: Z-23314-042- -PRPLN ENG FUEL INJ NOZ - TST				MJC: EXECZ109		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 24		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 6		Matl Cost: 50		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
MCM 3 THROUGH 7		TBD				TEST THE MAIN PROPULSION DIESEL ENGINE FUEL INJECTION NOZZLES IN ACCORDANCE WITH MIP 2331/008-11, MRC A0 8TYZ Y.					

Task/Abbreviation: Z-23314-043- -PRPLN ENG CYL - BORESCOPE INSP			MJC: EXECZ111		Rev Date: 12/16/2004
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
MCM 3 THROUGH	TBD	INSPECT THE MAIN PROPULSION DIESEL ENGINE CYLINDER WITH BORESCOPE IN ACCORDANCE WITH MIP 2331/008-11, MRC A0 8TYZ Y.

Reason:	Problem Description:	Recommended Solution:
BASELINE	TBD	INSPECT THE MAIN PROPULSION DIESEL ENGINE CYLINDER WITH BORESCOPE.

Task/Abbreviation: Z-23314-045- -PRPLN ENG -PREP FOR INACTIVITY			MJC: EXECZ113		Rev Date: 12/16/2004
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 200	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
MCM 1 AND 2	TBD	PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/005-B0 MRC C8 8CRY N.

Reason:	Problem Description:	Recommended Solution:
MCM 3 THROUGH 7	TBD	PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR INACTIVITY IN ACCORDANCE WITH MIP 2331/008-11 MRC 47 8HJL N.

Task/Abbreviation: Z-23314-046- -PRPLN ENG - PREP FOR OPN				MJC: EXECZ115		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 200		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
MCM 1 AND 2		TBD				PREPARE THE MAIN PROPULSION DIESEL ENGINE FOR OPERATION IN ACCORDANCE WITH MIP 2331/005-B0 MRC C8 8CRZ N.					

Task/Abbreviation: I-23314-058- -POST DSL ENG OVHL INSP- ACCOMP**MJC:** EXECI439**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**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-23314-058)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: Z-23314-059- -PRPLN DENG PRFM TST - CNDCT				MJC: EXECZ118		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		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		TBD				CONDUCT MAIN PROPULSION DIESEL ENGINE PERFORMANCE TEST IN ACCORDANCE WITH MIP 2331/005-B0, MRC A0 8TWG N (APPLICABLE TO MCM 1 AND 2 ONLY).					

Task/Abbreviation: Z-23314-060- -PRPLN DSL ENG FUEL INJ - TST				MJC: EXECZ121		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 48		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 12		Matl Cost: 50		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				TEST PROPULSION DIESEL ENGINE FUEL INJECTORS IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRU Y (APPLICABLE TO MCM 1 AND 2 ONLY)					

Task/Abbreviation: Z-23314-061- -PRPLN ENG FW PUMP - RMV & DEL			MJC: EXECZ124		Rev Date: 12/16/2004
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:		Recommended Solution:		
BASELINE	TBD		REMOVE & DELIVER PROPULSION DIESEL ENGINE FRESHWATER PUMP TO REPAIR ACTIVITY FOR OVERHAUL. RECEIVE OVERHAULED FRESHWATER PUMP FROM REPAIR ACTIVITY AND REINSTALL. ACCOMPLISH THE ABOVE WORK IN ACCORDANCE WITH MIP 2331/005-B0, MRC C8 8CRW Y.		

Task/Abbreviation: Z-23314-062- -PRPLN ENG SW PMP - RMV & DEL			MJC: EXECZ127		Rev Date: 12/16/2004
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	TBD	REMOVE & DELIVER PROPULSION DIESEL ENGINE SEAWATER PUMP TO REPAIR ACTIVITY FOR OVERHAUL. RECEIVE OVERHAULED SEAWATER PUMP FROM REPAIR ACTIVITY AND REINSTALL. ACCOMPLISH THE ABOVE WORK IN ACCORDANCE WITH MIP 2331/005-B0, MRC 56 8CRX Y.			

Task/Abbreviation: Z-23314-063- -DENG OIL PRESS REG VLV - REPL				MJC: EXECZ130		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 250		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				REPLACE PROPULSION DIESEL ENGINE OIL PRESSURE REGULATOR VALVE IN ACCORDANCE WITH MIP 2331/008-11, MRC C8 8VZG Y (MCM 3 THROUGH 14 ONLY).					

Task/Abbreviation: Q-23314-064- -PRPLN DSL FW CLR - PLUG TB			MJC: EXECJ482		Rev Date: 5/16/2005
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23314-064)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-23314-065- -PRPLN DSL FW CLR - REPL BUNDLE			MJC: EXECJ486		Rev Date:	
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: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23314-065)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-23314-066- -PRPLN DSL FW CLR - REPL TB			MJC: EXECJ490		Rev Date: 5/16/2005
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23314-066)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-23314-067- -PRPLN DSL FW CLR - REPL ZINCS				MJC: EXECJ494		Rev Date:					
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: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-23314-067)DSL ENG FW CLR REQUIRES CLEANING.				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-23314-068- -PRPLN DSL FW CLR - REROLL TB			MJC: EXECJ498		Rev Date: 7/13/2004
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23314-068)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-23314-069- -PRPLN DSL FW CLR - RPR TB SH			MJC: EXECJ502		Rev Date: 7/14/2004
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23314-069)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-23314-070- -PRPLN DSL FW CLR-RPR TB SPRTS				MJC: EXECJ506		Rev Date:					
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: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23314-070)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-23314-079- -ATCHD JKT WTR PMP - REPL			MJC: EXECJBO0		Rev Date: 5/11/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 9,500	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-23314-079)PUMP REQUIRES REPLACEMENT	REPLACE THE JACKET WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: Q-23314-081- -ATCHD SW WTR PMP - REPL				MJC: EXECJBO2		Rev Date: 5/11/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 4		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 5,150		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-23314-081)PUMP REQUIRES REPLACEMENT				REPLACE THE SEA WATER PUMP (ATTACHED) OF THE PROPULSION DIESEL ENGINE. ENSURE SATISFACTORY PUMP ALIGNMENT TO DRIVE UNIT AND GEAR BACKLASH. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-23314-127- -MPDE - OVHL**MJC:** EXECQE36**Rev Date:** 3/30/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 90,000**ManDays:** 260**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-23314-127) THE MAIN PROPULSION DIESEL ENGINE REQUIRES OVERHAUL.

AT 10,000 HOURS OF OPERATION, OVERHAUL MAIN PROPULSION DIESEL ENGINE PER TRS S9233-B9-TRS-010. ON COMPLETION OF OVERHAUL ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND REDUCTION GEAR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

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

MCM 1 AND MCM 2

(Q-23314-127) THE MAIN PROPULSION DIESEL ENGINE REQUIRES OVERHAUL.

AT 10,000 HOURS OF OPERATION, OVERHAUL MAIN PROPULSION DIESEL ENGINE PER TRS S9233-BM-TRS-010. ON COMPLETION OF OVERHAUL ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND REDUCTION GEAR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

Task/Abbreviation: I-23314-129- -MPDE RESIL MT - INSP			MJC: EXECIJ32		Rev Date: 6/29/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	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:
MCM 1 & 2	(I-23314-129) RESILIENT MOUNTS ON THE MAIN PROPULSION DIESEL ENGINE REQUIRES INSPECTION.	ACCOMPLISH PROPULSION DIESEL ENGINE ASSESSMENT IN ACCORDANCE WITH MRC 9HFF AS FOLLOWS: 1. INSPECT RESILIENT MOUNTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.
Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-23314-129) RESILIENT MOUNTS ON THE MAIN PROPULSION DIESEL ENGINE REQUIRES INSPECTION.	ACCOMPLISH PROPULSION DIESEL ENGINE ASSESSMENT IN ACCORDANCE WITH MRC CY5C AS FOLLOWS: 1. INSPECT RESILIENT MOUNTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-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-23314-130- -MPDE RESIL MT - REPL			MJC: EXECQEN7		Rev Date: 6/30/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,800	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-23314-130) PROPULSION DIESEL ENGINE RESILIENT MOUNTS REQUIRE REPLACEMENT.	REPLACE PROPULSION DIESEL ENGINE RESILIENT MOUNTS BASED ON CONDITION ASSESSMENT. REFER TO NAVSEA S9073-A2-HBK-010, NAVY RESILIENT MOUNT HANDBOOK, FOR REPLACEMENT CRITERIA.

Task/Abbreviation: Q-23711-014- -LIGHT LD MOT-RWND				MJC: EXECJC12		Rev Date:					
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-23711-014)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE LIGHT LOAD PROPULSION ELECTRIC MOTOR IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-23711-015- -LIGHT LD MOT-RPR				MJC: EXECJC13		Rev Date:					
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-23711-015)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE LIGHT LOAD PROPULSION 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-23711-016- -LIGHT LD MOT BRG-REPL			MJC: EXECJC14		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: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55151-073)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT.	DISASSEMBLE THE SELF CONTAINED BREATHING APPARATUS (SCBA) COMPRESSOR ELECTRIC MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

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-24111-002- -PRPLN RDCN GR RESIL MT - REPL				MJC: EXECQ075		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: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-24111-002)RESILIENT MOUNT REQUIRES REPLACEMENT				REPLACE THE PROPULSION REDUCTION GEAR RESILIENT MOUNTS IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUAL.					

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: 10,920	ManDays: 83	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24111-004)REDUCTION GEAR REQUIRES REPAIR	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.

Task/Abbreviation: I-24111-005- -PRPLN PED BRG - INSP/RPR				MJC: EXECI251		Rev Date:					
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-24111-005)THE PEDESTAL BEARING OF THE PROPULSION REDUCTION GEAR REQUIRES INSPECTION AND REPAIR	INSPECT THE PEDESTAL BEARING OF THE PROPULSION REDUCTION GEAR. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS OR REPLACE PEDESTAL BEARING PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE "AS-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-24111-006- -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: 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: D-24111-097- -MCM 10772 D ACCOMPLISH**MJC:** EXSAD760**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:** 50**Alt No:** 10772 D**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

MCM 10772 D MRG DEHUMIDIFIER NOT
ACCOMPLISHED

MCM MAIN REDUCITON GEARS ARE EXPERIENCING AN UNACCEPTABLE ACCUMULATION OR FRESH WATER INSIDE OF THE GEAR CASING. THIS OCCURS BOTH ON THE CASING AND AS EVIDENCED BY THE EMULSIFICATION OF THE LUBE OIL. MCM MAIN REDUCTION GEARS ARE THE ONLY MRGS IN THE SURFACE NAVY THAT DO NOT HAVE DEHUMIDIFIERS INSTALLED. INSTALL EITHER A PERMANENT OR A TEMPORARY DEHUMIDIFICATION SYSTEM TO REDUCE THE ACCUMULATION OF CONDENSATION INSIDE OF THE REDUCTION GEAR. (TEMPORARY WOULD BE FOR USE INPORT FOR MORE THAN A FEW DAYS.) FLEXIBLE HOSE/BELLOWS ASSEMBLIES SHALL USED TO CONNECT DEHUMIDIFIER PIPING TO RESILIENTLY MOUNTED MRG. SECURITY PROVISIONS SHALL BE INSTALLED ON MODIFIED MRG ACCESS COVERS AND PIPING COMPONENTS WHICH ALLOW DIRECT ENTRY INTO THE GEAR HOUSING.

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-24112-002- -PRPLN RDCN GR RESIL MT - REPL				MJC: EXECQ078		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: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-24112-002)RESILIENT MOUNT REQUIRES REPLACEMENT				REPLACE THE PROPULSION REDUCTION GEAR RESILIENT MOUNTS IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUAL.					

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:** 10,920**ManDays:** 83**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-24112-004)REDUCTION GEAR REQUIRES REPAIR

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.

Task/Abbreviation: I-24112-005- -PRPLN PED BRG - INSP/RPR		MJC: EXECI252		Rev Date:	
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-24112-005)THE PEDESTAL BEARING OF THE PROPULSION REDUCTION GEAR REQUIRES INSPECTION AND REPAIR	INSPECT THE PEDESTAL BEARING OF THE PROPULSION REDUCTION GEAR. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS OR REPLACE PEDESTAL BEARING PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE "AS-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-24112-006- -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:**

BASELINE

Problem Description:

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

Recommended Solution:

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: 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-24211-001- -RDCN GR FLEX CPLG - INSP/RPR**MJC:** EXECI253**Rev Date:** 6/18/2008**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:**

BASELINE

Problem Description:(I-24211-001)THE FLEXIBLE COUPLING
(PROPULSION DIESEL ENGINE TO REDUCTION
GEAR) REQUIRES INSPECTION AND REPAIR**Recommended Solution:**INSPECT THE FLEXIBLE COUPLING (PROPULSION DSL ENG TO
REDUCTION GEAR). REPORT CONDITIONS FOUND TO THE SHIP'S
CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION
ASSESSMENT RECOMMENDATIONS. PROVIDE "AS-FOUND MATERIAL
CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION
TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-24211-002- -LIGHT LD FLEX CPLG - INSP/RPR			MJC: EXECI255		Rev Date:
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-24211-002)THE FLEXIBLE COUPLING (LIGHT LOAD PROPULSION ELECTRIC MOTOR TO REDUCTION GEAR) REQUIRES INSPECTION AND REPAIR	INSPECT THE FLEXIBLE COUPLING (LIGHT LOAD PROPULSION ELECTRIC MOTOR TO REDUCTION GEAR). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMENDATIONS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-24211-003- -SFT FLEX CPLG - INSP/RPR			MJC: EXECI257		Rev Date:
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-24211-003)THE PROPULSION SHAFT FLEXIBLE COUPLING (REDUCTION GEAR TO SOUND ISOLATION COUPLING) REQUIRES INSPECTION AND REPAIR	INSPECT THE PROPULSION SHAFT FLEXIBLE COUPLING (REDUCTION GEAR TO SOUND ISOLATION COUPLING). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-24211-004- -SFT ISOLATION CPLG - INSP/RPR			MJC: EXECI259		Rev Date:
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-24211-004)THE PROPULSION SHAFT SOUND ISOLATION COUPLING (FLEXIBLE COUPLING TO THRUST SHAFT) REQUIRES INSPECTION AND REPAIR	INSPECT THE PROPULSION SHAFT SOUND ISOLATION COUPLING (FLEXIBLE COUPLING TO THRUST SHAFT). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-24211-005- -OKF-TYPE SFT CPLG - INSP/RPR			MJC: EXECI261		Rev Date:
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-24211-005)THE OKF-TYPE SHAFT COUPLING (THRUST SHAFT TO INTERMEDIATE SHAFT) REQUIRES INSPECTION AND REPAIR	INSPECT THE OKF-TYPE SHAFT COUPLING (THRUST SHAFT TO INTERMEDIATE SHAFT). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE "AS-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-24211-006- -PRPLN CLUTCHES - INSP/RPR**MJC:** EXECQ263**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:** 900**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-24211-006)PROPULSION CLUTCH REQUIRES REPAIR

DISASSEMBLE THE PROPULSION CLUTCHES (PROPULSION ENGINE TO REDUCTION GEAR) FOR INSPECTION OF FRICTION SHOE ASSEMBLY AND AIR MANIFOLD HUB BEARING. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE ROTORSEAL SEALS AND BEARINGS AND MISSING AND/OR UNSERVICEABLE FASTENERS. A. REPLACE DESIGNATED TORQUE BARS. B. REPLACE FRICTION BLOCK LINING. C. REPLACE BACKING PLATE. D. REPLACE RELEASE SPRINGS. E. REPLACE SYNCHRONIZING CLUTCH FRICTION PACK. F. RESURFACE AND HONE SYNCHRONIZING CLUTCH DENTAL CLUTCH ASSEMBLY CYLINDER. G. REPLACE SYNCHRONIZING CLUTCH DENTAL CLUTCH ASSY. H. REPLACE DESIGNATED SYNCHRONIZING CLUTCH GEAR(S). I. REPLACE SYNCHRONIZING CLUTCH SLEEVE. J. REPLACE SYNCHRONIZING CLUTCH HYDRAULIC BALANCE AND FRICTION RETURN PISTON.

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: 3,200	ManDays: 21	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
AMPHIB/MCM	(Q-24211-011) REDUCTION GEAR BRAKE ASSEMBLY REQUIRES REPAIR.	DISASSEMBLE THE BRAKE ASSEMBLY OF THE PROPULSION REDUCTION GEAR FOR INSPECTION OF FRICTION BLOCK LINING AND FRICTION SHOE ASSEMBLY. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. UPON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE MISSING AND/OR UNSERVICEABLE FASTENERS: A). REPLACE DESIGNATED TORQUE BARS. B). REPLACE FRICTION BLOCK LINING. C). REPLACE BACKING PLATE. D). REPLACE RELEASE SPRINGS. E). REPLACE 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: I-24212-001- -RDCN GR FLEX CPLG - INSP/RPR				MJC: EXECI254		Rev Date: 6/18/2008					
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-24212-001)THE FLEXIBLE COUPLING (PROPULSION DIESEL ENGINE TO REDUCTION GEAR) REQUIRES INSPECTION AND REPAIR	INSPECT THE FLEXIBLE COUPLING (PROPULSION DSL ENG TO REDUCTION GEAR). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-24212-002- -LIGHT LD FLEX CPLG - INSP/RPR				MJC: EXECI256		Rev Date:					
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-24212-002)THE FLEXIBLE COUPLING (LIGHT LOAD PROPULSION ELECTRIC MOTOR TO REDUCTION GEAR) REQUIRES INSPECTION AND REPAIR	INSPECT THE FLEXIBLE COUPLING (LIGHT LOAD PROPULSION ELECTRIC MOTOR TO REDUCTION GEAR). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-24212-003- -SFT FLEX CPLG - INSP/RPR		MJC: EXECI258		Rev Date:	
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-24212-003)THE PROPULSION SHAFT FLEXIBLE COUPLING (REDUCTION GEAR TO SOUND ISOLATION COUPLING) REQUIRES INSPECTION AND REPAIR	INSPECT THE PROPULSION SHAFT FLEXIBLE COUPLING (REDUCTION GEAR TO SOUND ISOLATION COUPLING). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-24212-004- -SFT ISOLATION CPLG - INSP/RPR			MJC: EXECI260		Rev Date:
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-24212-004)THE PROPULSION SHAFT SOUND ISOLATION COUPLING (FLEXIBLE COUPLING TO THRUST SHAFT) REQUIRES INSPECTION AND REPAIR	INSPECT THE PROPULSION SHAFT SOUND ISOLATION COUPLING (FLEXIBLE COUPLING TO THRUST SHAFT). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-24212-005- -OKF-TYPE SFT CPLG - INSP/RPR				MJC: EXECI262		Rev Date:					
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-24212-005)THE OKF-TYPE SHAFT COUPLING (THRUST SHAFT TO INTERMEDIATE SHAFT) REQUIRES INSPECTION AND REPAIR	INSPECT THE OKF-TYPE SHAFT COUPLING (THRUST SHAFT TO INTERMEDIATE SHAFT). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. ACCOMPLISH AUTHORIZED REPAIRS PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE "AS-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-24212-006- -PRPLN CLUTCHES - INSP/RPR**MJC:** EXECQ071**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:** 900**ManDays:** 20**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-24212-006)PROPULSION CLUTCH REQUIRES REPAIR

DISASSEMBLE THE PROPULSION CLUTCHES (PROPULSION ENGINE TO REDUCTION GEAR) FOR INSPECTION OF FRICTION SHOE ASSEMBLY AND AIR MANIFOLD HUB BEARING. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL COMPONENTS AND REPLACE ROTORSEAL SEALS AND BEARINGS AND MISSING AND/OR UNSERVICEABLE FASTENERS. A. REPLACE DESIGNATED TORQUE BARS. B. REPLACE FRICTION BLOCK LINING. C. REPLACE BACKING PLATE. D. REPLACE RELEASE SPRINGS. E. REPLACE SYNCHRONIZING CLUTCH FRICTION PACK. F. RESURFACE AND HONE SYNCHRONIZING CLUTCH DENTAL CLUTCH ASSEMBLY CYLINDER. G. REPLACE SYNCHRONIZING CLUTCH DENTAL CLUTCH ASSY. H. REPLACE DESIGNATED SYNCHRONIZING CLUTCH GEAR(S). I. REPLACE SYNCHRONIZING CLUTCH SLEEVE. J. REPLACE SYNCHRONIZING CLUTCH HYDRAULIC BALANCE AND FRICTION RETURN PISTON.

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:** 3,200**ManDays:** 21**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

AMPHIB/MCM

(Q-24212-011) REDUCTION GEAR BRAKE ASSEMBLY
REQUIRES REPAIR.DISASSEMBLE THE BRAKE ASSEMBLY OF THE PROPULSION
REDUCTION GEAR FOR INSPECTION OF FRICTION BLOCK LINING
AND FRICTION SHOE ASSEMBLY. REPORT CONDITIONS FOUND TO
THE SHIP'S CSMP. UPON COMPLETION OF REPAIRS, AS
AUTHORIZED FROM THE FOLLOWING LIST, REINSTALL
COMPONENTS AND REPLACE MISSING AND/OR UNSERVICEABLE
FASTENERS: A). REPLACE DESIGNATED TORQUE BARS. B).
REPLACE FRICTION BLOCK LINING. C). REPLACE BACKING PLATE.
D). REPLACE RELEASE SPRINGS. E). REPLACE 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-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:** 70 **Equip/Task:** 1 **Matl Cost:** 2,655 **ManDays:** 59 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:** **Problem Description:**
MCM (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. 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. RESTORE SHAFT SURFACE IN WAY OF SEAL LAND USING APPROVED PROCEDURE. 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: SUPSHIP UTILIZE SWI/SWT 243-50, STERN TUBE SEAL REPAIR AND TEST, FOR GUIDANCE IN DEVELOPING THIS ITEM. 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: I-24311-012- -(M)MCM PRPLN SFT (DD)-RMV/INSP**MJC:** EXECM020**Rev Date:** 5/31/2000**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:** 75 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:** **Problem Description:**

BASELINE (I-24311-012) NSTM REQUIREMENT DUE.

Recommended Solution:

IAW NSTM CH-243, PARA. 243-1.1.4 & PARA. 243-1.1.7.1 & PARA. 243-1.1.7.2, UNSHIP WATERBORNE SHAFTING AND REMOVE TO SHOP. MEASURE SHAFT RUNOUTS. ACCOMPLISH A MAGNETIC PARTICLE TEST OR DYE PENETRANT CHECK OF ALL EXPOSED SHAFT AREAS AND KEYWAYS. REPORT CONDITIONS FOUND TO THE NSA. UPON COMPLETION OF REPAIRS, REINSTALL SHAFTING AND REFIT FAIRWATERS AND ROPE GUARDS USING NEW GASKETS, SEALING COMPOUND, AND FASTENERS. **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: Q-24311-014- -MCM PRPLN SFT INPLACE (DD)-RPR				MJC: EXECQAW7		Rev Date: 5/31/2000		
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-24311-014)PROPULSION SHAFTING REQUIRES REPAIR	ACCOMPLISH INPLACE THE FOLLOWING INPLACE REPAIRS AS APPLICABLE TO THE PROPULSION SHAFTING PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. A. CHASE AND DRESS PROPELLER NUT THREADS. B. REPLACE ZINC ANODES. C. PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: 1. ACCOMPLISH CONCURRENT WITH BEARING REPAIRS OF TASK Q-24411-2. 2. SUPSHIP UTILIZE SWI/SWT 243-02, OUTBOARD PROPULSION SHAFTING, BEARINGS AND SEALS, FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: I-24311-034- -PRPLN INF SFT SEAL - MRC C4WF**MJC:** EXECICM0**Rev Date:** 9/14/2007**RCM Analysis:** 3/6/2006**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-24311-034)THE JOHN CRANE MX-9 STERN TUBE SHAFT SEAL (INFLATABLE) REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE JOHN CRANE MX-9 STERN TUBE SHAFT SEAL (INFLATABLE) ASSESSMENT IN ACCORDANCE WITH MRC C4WF 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: 595	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-24311-088- -PRPLN SFT(DD) CERAMIC COAT-RPR**MJC:** HXECQ001**Rev Date:** 8/31/2006**RCM Analysis:** **Scheduled:** N **Sit Reqs:** D/D**Qty:** 1**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-24311-088) 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. CERAMIC COAT THE SHAFT. 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. **NOTE2: FOR FIBERGLASS WRAPPING OF PROPULSION SHAFTING INSTEAD OF CERAMIC COATING OF PROPULSION SHAFTING, USE ICMP TASK Q-24311-004.

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: A-24311-103- -SA 79244 D**MJC:** EXTYYAAY5**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:** 79244 D**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

SA 79244 D STERN TUBE SEAL SEAWATER COOLING, NOT ACCOMPLISHED

THE EXISTING SEAWATER COOLING WATER PIPING SYSTEM TO THE MCM-1 CLASS STERN TUBE SEALS DOES NOT PROVIDE SUFFICIENT PRESSURE TO THE SEALS AND CORRESPONDING STERN TUBE BEARINGS. DESIGN BEARING/SEAL PRESSURE REQUIREMENTS TO THE INLET OF THE SEALS ARE 15 TO 20 PSIG NORMAL, 30 PSIG MAX. HOWEVER, MEASURED INLET SEAWATER PRESSURES TO THE SEALS ARE BETWEEN 0.5 AND 2 PSIG (STBD/PORT). SEAWATER FLOW REQUIREMENT TO THE INLET OF THE SEAL IS 5.33 GPM (MINIMUM). THE STERN TUBE SEAL COOLING WATER PIPING SYSTEM CURRENTLY MEETS THE MINIMUM FLOW REQUIREMENT. HOWEVER, AUXILIARY SEAWATER SYSTEM (I.E. SUPPLY) LOAD FLUCTUATIONS AND SHIPS OPERATING CONDITIONS ADVERSELY IMPACT SUPPLY PERFORMANCE (I.E. FLOW/PRESSURE DROPS).

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:** 70 **Equip/Task:** 1 **Matl Cost:** 2,655 **ManDays:** 59 **Alt No:****Referenced Authority:** **Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

MCM (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. RESTORE SHAFT SURFACE IN WAY OF SEAL LAND USING APPROVED PROCEDURE. 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: SUPSHIP UTILIZE SWI/SWT 243-50, STERN TUBE SEAL REPAIR AND TEST, FOR GUIDANCE IN DEVELOPING THIS ITEM. 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:**

BASELINE

Problem Description:

(Q-24312-006)STERN TUBE REQUIRES REPAIR

Recommended Solution:

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: I-24312-012- -(M)MCM PRPLN SFT (DD)-RMV/INSP				MJC: EXECM022		Rev Date: 5/31/2000		
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: 75		Alt No:
Referenced Authority:			Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-24312-012) NSTM REQUIREMENT DUE.	IAW NSTM CH-243, PARA. 243-1.1.4 & PARA. 243-1.1.7.1 & PARA. 243-1.1.7.2, UNSHIP WATERBORNE SHAFTING AND REMOVE TO SHOP. MEASURE SHAFT RUNOUTS. ACCOMPLISH A MAGNETIC PARTICLE TEST OR DYE PENETRANT CHECK OF ALL EXPOSED SHAFT AREAS AND KEYWAYS. REPORT CONDITIONS FOUND TO THE NSA. UPON COMPLETION OF REPAIRS, REINSTALL SHAFTING AND REFIT FAIRWATERS AND ROPE GUARDS USING NEW GASKETS, SEALING COMPOUND, AND FASTENERS. **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: Q-24312-014- -MCM PRPLN SFT INPLACE (DD)-RPR				MJC: EXECQAW8		Rev Date: 5/31/2000		
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-24312-014)PROPULSION SHAFTING REQUIRES REPAIR	ACCOMPLISH INPLACE THE FOLLOWING INPLACE REPAIRS AS APPLICABLE TO THE PROPULSION SHAFTING PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. A. CHASE AND DRESS PROPELLER NUT THREADS. B. REPLACE ZINC ANODES. C. PROVIDE MANDAYS AND DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED. NOTE: 1. ACCOMPLISH CONCURRENT WITH BEARING REPAIRS OF TASK Q-24411-2. 2. SUPSHIP UTILIZE SWI/SWT 243-02, OUTBOARD PROPULSION SHAFTING, BEARINGS AND SEALS, FOR GUIDANCE IN DEVELOPING THIS ITEM.

Task/Abbreviation: I-24312-032- -PRPLN INF SFT SEAL - MRC C4WF**MJC:** EXECICO2**Rev Date:** 9/14/2007**RCM Analysis:** 3/6/2006**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-24312-032)THE JOHN CRANE MX-9 STERN TUBE SHAFT SEAL (INFLATABLE) REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE JOHN CRANE MX-9 STERN TUBE SHAFT SEAL (INFLATABLE) ASSESSMENT IN ACCORDANCE WITH MRC C4WF 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:** 650**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-24312-084- -PRPLN SFT(DD) CERAMIC COAT-RPR				MJC: HXECQ002		Rev Date: 8/31/2006				
RCM Analysis:		Scheduled: N	Sit Reqs: D/D		Qty: 1		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-24312-084)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. CERAMIC COAT THE SHAFT. 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 FIBERGLASS WRAPPING OF PROPULSION SHAFTING INSTEAD OF CERAMIC COATING OF PROPULSION SHAFTING USE ICMP TASK Q-24312-004.

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: 4		Removal Required:			
Lvl of Maint: 1		Freq: 70		Equip/Task: 2		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: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		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: Z-24411-013- -PRPLN SFT THRUST BRG CL - MEAS			MJC: EXECZ104		Rev Date: 1/18/2002
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
MCM 1 THROUGH 8	TBD	MEASURE PROPULSION SHAFT THRUST BEARING CLEARANCES IN ACCORDANCE WITH MIP 2400/010-11, MRC A9 A7RN Y.

Reason:	Problem Description:	Recommended Solution:
MCM 9 THROUGH 10	TBD	MEASURE PROPULSION SHAFT THRUST BEARING CLEARANCES IN ACCORDANCE WITH MIP 2400/010-11, MRC A9 C2AD N.

Task/Abbreviation: Z-24411-014- -PRPLN LINE SFT BRG CL - MEAS				MJC: EXECZ105		Rev Date: 1/18/2002					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 50		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBA				MEASURE LINE SHAFT BEARING CLEARANCES IN ACCORDANCE WITH MIP 2400/010-11, MRC A9 B7VP N.					

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-24411-020- -LINE SHAFT BRG - MRC B7VP			MJC: EXECIEY2		Rev Date: 9/18/2007
RCM Analysis: 10/4/1999	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-24411-020)THE LINE SHAFT BEARINGS REQUIRES ASSESSMENT.	ACCOMPLISH THE LINE SHAFT BEARINGS ASSESSMENT IN ACCORDANCE WITH MRC B7VP AS FOLLOWS: 1. 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: I-24411-023- -LINE SHAFT BRG - MRC G1S9			MJC: EXECIFD8		Rev Date: 12/7/2006
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-24411-023)THE LINE SHAFT BEARINGS REQUIRES ASSESSMENT.	ACCOMPLISH THE LINE SHAFT BEARINGS ASSESSMENT IN ACCORDANCE WITH MRC G1S9 AS FOLLOWS: 1. MEASURE LINE SHAFT BEARING WEAR. 2. 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: D-24411-034- -SHIPALT MCM1-00324D - ACCOMP			MJC: EXSAD699		Rev Date: 9/17/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,000	ManDays: 4	Alt No: SAMCM 00324 D
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-24411-34) SHIPALT MCM1-00324D, PROV STERN TUBE ACCESS PANEL, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-00324D WHICH PROVIDES A STERN TUBE ACCESS PANEL FORWARD OF THE STERN TUBE BEARING. IT WILL FACILITATE WATERBORNE INSPECTION OF THE BEARING AS WELL AS ASSESSMENT OF THE ALUMINA-TITANIA(CERAMIC) COATING ON THE STERN TUBE SHAFT BEARING JOURNAL. POC: ROBERT SNEDDON, 215-320-0287, BSNEEDDON@LCE.COM

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: 4		Removal Required:			
Lvl of Maint: 1		Freq: 70		Equip/Task: 2		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: 0		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		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: Z-24412-013- -PRPLN SFT THRUST BRG CL - MEAS			MJC: EXECZ037		Rev Date: 12/16/2004
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 50	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
MCM 1 THROUGH 8	TBD	MEASURE PROPULSION SHAFT THRUST BEARING CLEARANCES IN ACCORDANCE WITH MIP 2400/010-11, MRC A9 A7RN Y.

Reason:	Problem Description:	Recommended Solution:
MCM 9 THROUGH 10	TBD	MEASURE PROPULSION SHAFT THRUST BEARING CLEARANCES IN ACCORDANCE WITH MIP 2400/010-11, MRC A9 C2AD N.

Task/Abbreviation: Z-24412-014- -PRPLN LINE SFT BRG CL - MEAS				MJC: EXECZ038		Rev Date: 12/16/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 50		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBA				MEASURE LINE SHAFT BEARING CLEARANCES IN ACCORDANCE WITH MIP 2400/010-11, MRC A9 B7VP N.					

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-24412-019- -LINE SHAFT BRG - MRC B7VP				MJC: EXECIEY3		Rev Date: 9/18/2007					
RCM Analysis: 10/4/1999		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-24412-019)THE LINE SHAFT BEARINGS REQUIRES ASSESSMENT.	ACCOMPLISH THE LINE SHAFT BEARINGS ASSESSMENT IN ACCORDANCE WITH MRC B7VP AS FOLLOWS: 1. 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: I-24412-022- -LINE SHAFT BRG - MRC G1S9			MJC: EXECIFE2		Rev Date: 12/7/2006					
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-24412-022)THE LINE SHAFT BEARINGS REQUIRES ASSESSMENT.	ACCOMPLISH THE LINE SHAFT BEARINGS ASSESSMENT IN ACCORDANCE WITH MRC G1S9 AS FOLLOWS: 1. MEASURE LINE SHAFT BEARING WEAR. 2. 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: 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:** 70 **Equip/Task:** 1 **Matl Cost:** 5,175 **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: Q-24511-005- -ELEX PITCH CONT SYS - RPR				MJC: EXECQ089		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-24511-005)PITCH CONTROL SYSTEM REQUIRES REPAIR	REPAIR THE ELECTRONIC PITCH CONTROL SYSTEM OF THE CONTROLLABLE PITCH PROPELLER PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED.

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:		ManDays: 5		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: Q-24511-007- -VLV ROD ASSY - RPR				MJC: EXECQ090		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: 4,635	ManDays: 103	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-007)VALVE ROD ASSEMBLY REQUIRES REPAIR	REPAIR THE VALVE ROD ASSEMBLY OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM AS FOLLOWS: REPLACE _____ VALVE ROD SECTIONS. CHASE THREADS ON VALVE ROD SECTIONS. WELD BUILDUP AND MACHINE ALL SPIDERS. STRAIGHTEN ALL VALVE ROD SECTIONS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-24511-010- -ATCHD HYDR OIL PMP - RPR			MJC: EXECQ092		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 495	ManDays: 11	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-010)PUMP REQUIRES REPAIR	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: Q-24511-011- -STBY HYDR OIL PMP - RPR			MJC: EXECQ093		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 495	ManDays: 11	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-011)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-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:** 2,520**ManDays:** 56**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: 95,000	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-24511-044- -CPP SYS CRIT HOSE - REPL			MJC: EXECM056		Rev Date: 6/1/2009
RCM Analysis:		Scheduled: Y	Sit Reqs:	Qty:	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-044) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CONTROLLABLE PITCH PROPELLER SYSTEM 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 CONTROLLABLE PITCH PROPELLER SYSTEM 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-24511-045- -CPP PMP CRIT HOSE - REPL			MJC: EXECM057		Rev Date: 6/1/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty:	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-045) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CONTROLLABLE PITCH PROPELLER 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 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-24511-047- -CPP STBY OIL PMP MOT-RWND				MJC: EXECJC90		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: 960		ManDays: 23		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-047)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-24511-048- -CPP STBY OIL PMP MOT - RPR			MJC: EXECJC92		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: 300	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-048)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP OF THE CONTROLLABLE-PITCH PROPELLER 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-24511-049- -CPP STBY OIL PMP MOT BRG- REPL			MJC: EXECJC94		Rev Date: 3/26/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 2	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-24511-049)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

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 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-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: Q-24511-052- -CPP OD BOX DISTANCE TB - RPR			MJC: EXECJAN3		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: 100	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-052)DISTANCE TUBE REQUIRES REPAIR	RESURFACE AND MACHINE PISTON AND DISTANCE TUBE 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-24511-053- -CPP OD BOX PISTON - REPL			MJC: EXECJAN4		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: 1,100	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-053)BEARINGS REQUIRE REPLACEMENT	REPLACE PISTON, RADIAL ROLLER BEARING, AND THRUST BEARING 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-24511-054- -CPP OD BOX RING - REPL			MJC: EXECJAN5		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: 125	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-054)SEAL RING REQUIRES REPLACEMENT	REPLACE LOW PRESSURE SEAL RING ASSEMBLY 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-24511-055- -CPP OD BOX DISTANCE TB - REPL				MJC: EXECJAN6		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: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-055)DISTANCE TUBE REQUIRES REPLACEMENT	REPLACE THE DISTANCE TUBE 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-24511-056- -CPP OD BOX SFT EXT - REPL				MJC: EXECJAN7		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: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-056)OD BOX SHAFT EXTENSION REQUIRES REPLACEMENT	REPLACE THE SHAFT EXTENSION 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-24511-057- -CPP OD BOX SVO VLV - RPR				MJC: EXECJAN8		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: 200		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-24511-057)SERVO VALVE REQUIRES REPAIR				REPAIR MAIN SERVO VALVE ASSEMBLY 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-24511-058- -CPP OD BOX SVO VLV - REPL				MJC: EXECJAN9		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: 750		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-24511-058)VALVE REQUIRES REPLACEMENT				REPLACE MAIN SERVO VALVE ASSEMBLY 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-24511-059- -CPP OD BOX ELHYD SVO VLV- RPR				MJC: EXECJAO0		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: 200		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-24511-059)SERVO VALVE REQUIRES REPAIR				REPAIR ELECTRO-HYDRAULIC SERVO VALVE 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-24511-060- -CPP OD BOX ELHYD SVO VLV- REPL			MJC: EXECJAO1		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: 600	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-060)VALVE REQUIRES REPLACEMENT	REPLACE ELECTRO-HYDRAULIC SERVO VALVE 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-24511-061- -CPP OD BOX MAN CONT VLVS- RPR			MJC: EXECJAO2		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: 250	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-061)CONTROL VALVE REQUIRES REPAIR	REPAIR MANUAL AND REMOTE MANUAL CONTROL VALVE 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-24511-062- -CPP OD BOX MAN CONT VLVS- REPL				MJC: EXECJAO3		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: 700		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-062)VALVE REQUIRES REPLACEMENT	REPLACE MANUAL AND REMOTE MANUAL CONTROL VALVE 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-24511-064- -CPP OD BOX HUB - REPL			MJC: EXECJAO4		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: 700	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-064)OD BOX HUB ASSEMBLY REQUIRES REPLACEMENT	REPLACE THE HUB ASSEMBLY OF THE OIL DISTRIBUTION BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. SEND BACK TO OEM. REINSTALL 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-24511-080- -ATCHD OIL PMP MECH SEAL - REPL				MJC: EXECJBH0		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: 350		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-24511-080)PUMP SEAL REQUIRES REPLACEMENT				REPLACE THE ATTACHED REDUCTION GEAR DRIVEN HYDRAULIC OIL (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-24511-081- -ATCHD OIL PMP BRGS - REPL			MJC: EXECJBH1		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: 450	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-081)PUMP SEAL REQUIRES REPLACEMENT	REPLACE THE ATTACHED REDUCTION GEAR DRIVEN HYDRAULIC OIL 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-24511-082- -ATCHD OIL PMP ROTNG ASSY- REPL			MJC: EXECJBH2		Rev Date: 8/2/2004
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 2,300	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-082)PUMP SEAL REQUIRES REPLACEMENT	REPLACE THE ATTACHED REDUCTION GEAR DRIVEN HYDRAULIC OIL 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-24511-083- -ATCHD OIL PMP - REPL				MJC: EXECJBH3		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: 25,000		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-24511-083)PUMP REQUIRES REPLACEMENT				REMOVE THE ATTACHED REDUCTION GEAR DRIVEN HYDRAULIC OIL PUMP (ROTARY SCREW). REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-24511-084- -STBY OIL PMP MECH SEAL - REPL				MJC: EXECJBO5		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: 350		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-24511-084)PUMP SEAL REQUIRES REPLACEMENT				REPLACE THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP (ROTARY/SCREW) OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM 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-24511-085- -STBY OIL PMP BRGS - REPL				MJC: EXECJBO6		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: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-085)PUMP SEALS AND BEARINGS REQUIRE REPLACEMENT	REPLACE THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP (ROTARY/SCREW) OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM 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-24511-086- -STBY OIL PMP ROTNG ASSY - REPL			MJC: EXECJBO7		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: 2,300	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24511-086)PUMP ROTATING ASSEMBLY REQUIRES REPLACEMENT	REPLACE THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP (ROTARY/SCREW) OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM 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-24511-087- -STBY OIL PMP - REPL				MJC: EXECJBO8		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: 21,000		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-24511-087)PUMP REQUIRES REPLACEMENT				REMOVE THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP (ROTARY/SCREW) OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM. REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-24511-090- -CPCH PROP SYS - MRC VARI			MJC: EXECICG0		Rev Date: 4/6/2010					
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: 4	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-24511-090)THE CONTROLLABLE PITCH PROPELLER REQUIRES ASSESSMENT.	ACCOMPLISH THE CONTROLLABLE PITCH PROPELLER ASSESSMENT IN ACCORDANCE WITH MIP 2451/001, MRC T1E7 (CG 52-65 AND FFGS); MIP 2451/002, MRC G3N2 (LSD 41/49 CLASS); MIP 2451/005, MRC G3N4 (MCM CLASS AND CG 72 ONLY; MIP 2451/006, MRC G3P9 (DDG CLASS); MIP 2451/007, MRC G3N6 (CG 66-73) AS FOLLOWS: 1. INSPECT CONTROLLABLE PITCH PROPELLER (CPP) 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-24511-093- -CPP STBY PMP MOT/CONT-MRC T1E8**MJC:** EXECIEA7**Rev Date:** 12/6/2006**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:**

BASELINE

Problem Description:

(I-24511-093)THE CONTROLLABLE PITCH PROPELLER MOTOR AND CONTROLLER REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE CONTROLLABLE PITCH PROPELLER MOTOR AND CONTROLLER ASSESSMENT IN ACCORDANCE WITH MRC T1E8 AS FOLLOWS: 1. INSPECT HYDRAULIC PUMP MOTOR CONTROLLERS; MEASURE CONTROLLER AND AC MOTOR RESISTANCE; INSPECT COMPONENT ELECTRICAL CONNECTIONS AND WIRING. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-24511-095- -CPP PMP VIB TST - MRC G1P1			MJC: EXECIG79		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-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: 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:** 70 **Equip/Task:** 1 **Matl Cost:** 5,175 **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: Q-24512-005- -ELEX PITCH CONT SYS - RPR			MJC: EXECQ097		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-24512-005)PITCH CONTROL SYSTEM REQUIRES REPAIR	REPAIR THE ELECTRONIC PITCH CONTROL SYSTEM OF THE CONTROLLABLE PITCH PROPELLER PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVIDE ____ MANDAYS AND ____ DOLLARS OF MATERIAL TO ACCOMPLISH ADDITIONAL REPAIRS NOT PREVIOUSLY IDENTIFIED.

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:		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(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: Q-24512-007- -VLV ROD ASSY - RPR				MJC: EXECQ098		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: 4,635	ManDays: 103	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-007)VALVE ROD ASSEMBLY REQUIRES REPAIR	REPAIR THE VALVE ROD ASSEMBLY OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM AS FOLLOWS: REPLACE _____ VALVE ROD SECTIONS. CHASE THREADS ON VALVE ROD SECTIONS. WELD BUILDUP AND MACHINE ALL SPIDERS. STRAIGHTEN ALL VALVE ROD SECTIONS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-24512-010- -ATCHD HYDR OIL PMP - RPR**MJC:** EXECQ100**Rev Date:****RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 495**ManDays:** 11**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-24512-010)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-24512-011- -STBY HYDR OIL PMP - RPR			MJC: EXECQ101		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 495	ManDays: 11	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-011)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-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: 2,520	ManDays: 56	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: 95,000	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-24512-044- -CPP SYS CRIT HOSE - REPL**MJC:** EXECM060**Rev Date:** 6/1/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:****Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3

NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265

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

BASELINE

(Q-24512-044) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CONTROLLABLE PITCH PROPELLER SYSTEM 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 CONTROLLABLE PITCH PROPELLER SYSTEM 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-24512-045- -CPP PMP CRIT HOSE - REPL**MJC:** EXECM061**Rev Date:** 6/1/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:****Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3

NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265

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

BASELINE

(Q-24512-045) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CONTROLLABLE PITCH PROPELLER 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 CONTROLLABLE PITCH PROPELLER 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-24512-046- -CPP STBY OIL PMP MOT - RWND				MJC: EXECJC91		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: 960		ManDays: 23		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-046)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE ELECTRIC MOTOR OF THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-24512-047- -CPP STBY OIL PMP MOT - RPR				MJC: EXECJC93		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: 300		ManDays: 14		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-047)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP OF THE CONTROLLABLE-PITCH PROPELLER 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-24512-048- -CPP STBY OIL PMP MOT BRG- REPL				MJC: EXECJC95		Rev Date: 5/19/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 2		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-24512-048)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT				DISASSEMBLE THE ELECTRIC MOTOR OF THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

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: Q-24512-051- -CPP OD BOX DISTANCE TB - RPR			MJC: EXECJAQ5		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-24512-051)DISTANCE TUBE REQUIRES REPAIR	RESURFACE AND MACHINE PISTON AND DISTANCE TUBE 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-24512-052- -CPP OD BOX PISTON - REPL			MJC: EXECJAQ6		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: 1,100	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-052)BEARINGS REQUIRE REPLACEMENT	REPLACE PISTON, RADIAL ROLLER BEARING, AND THRUST BEARING 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-24512-053- -CPP OD BOX RING - REPL			MJC: EXECJAQ7		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: 125	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-053)SEAL RING REQUIRES REPLACEMENT	REPLACE LOW PRESSURE SEAL RING ASSEMBLY 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-24512-054- -CPP OD BOX DISTANCE TB - REPL				MJC: EXECJAQ8		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: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-054)DISTANCE TUBE REQUIRES REPLACEMENT	REPLACE THE DISTANCE TUBE 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-24512-055- -CPP OD BOX SFT EXT - REPL				MJC: EXECJAQ9		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: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-055)OD BOX SHAFT EXTENSION REQUIRES REPLACEMENT	REPLACE THE SHAFT EXTENSION 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-24512-056- -CPP OD BOX SVO VLV - RPR				MJC: EXECJAR0		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: 200		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-24512-056)SERVO VALVE REQUIRES REPAIR				REPAIR MAIN SERVO VALVE ASSEMBLY 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-24512-057- -CPP OD BOX SVO VLV - REPL				MJC: EXECJAR1		Rev Date: 5/18/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 750		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-24512-057)VALVE REQUIRES REPLACEMENT				REPLACE MAIN SERVO VALVE ASSEMBLY 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-24512-058- -CPP OD BOX ELHYD SVO VLV- RPR				MJC: EXECJAR2		Rev Date: 5/18/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 200		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-058)SERVO VALVE REQUIRES REPAIR	REPAIR ELECTRO-HYDRAULIC SERVO VALVE 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-24512-059- -CPP OD BOX ELHYD SVO VLV- REPL			MJC: EXECJAR3		Rev Date: 5/18/2005
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-24512-059)VALVE REQUIRES REPLACEMENT	REPLACE ELECTRO-HYDRAULIC SERVO VALVE 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-24512-060- -CPP OD BOX MAN CONT VLVS- RPR			MJC: EXECJAR4		Rev Date: 5/18/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 250	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-060)CONTROL VALVE REQUIRES REPAIR	REPAIR MANUAL AND REMOTE MANUAL CONTROL VALVE 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-24512-061- -CPP OD BOX MAN CONT VLVS- REPL			MJC: EXECJAR5		Rev Date: 5/18/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 700	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-061)VALVE REQUIRES REPLACEMENT	REPLACE MANUAL AND REMOTE MANUAL CONTROL VALVE 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-24512-063- -CPP OD BOX HUB - REPL			MJC: EXECJAR6		Rev Date: 5/18/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 700	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-063)OD BOX HUB ASSEMBLY REQUIRES REPLACEMENT	REPLACE THE HUB ASSEMBLY OF THE OIL DISTRIBUTION BOX OF THE CONTROLLABLE PITCH PROPELLER SYSTEM. SEND BACK TO OEM. REINSTALL 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-24512-079- -ATCHD OIL PMP MECH SEAL - REPL			MJC: EXECJBO9		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: 350	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-079)PUMP SEAL REQUIRES REPLACEMENT	REPLACE THE ATTACHED REDUCTION GEAR DRIVEN HYDRAULIC OIL (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-24512-080- -ATCHD OIL PMP BRGS - REPL				MJC: EXECJBP0		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: 450		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-080)PUMP SEAL REQUIRES REPLACEMENT	REPLACE THE ATTACHED REDUCTION GEAR DRIVEN HYDRAULIC OIL 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-24512-081- -ATCHD OIL PMP ROTNG ASSY- REPL			MJC: EXECJBP1		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: 2,300	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-081)PUMP SEAL REQUIRES REPLACEMENT	REPLACE THE ATTACHED REDUCTION GEAR DRIVEN HYDRAULIC OIL 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-24512-082- -ATCHD OIL PMP - REPL				MJC: EXECJBP2		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: 25,000		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-24512-082)PUMP REQUIRES REPLACEMENT				REMOVE THE ATTACHED REDUCTION GEAR DRIVEN HYDRAULIC OIL PUMP (ROTARY SCREW). REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-24512-083- -STBY OIL PMP MECH SEAL - REPL				MJC: EXECJBP3		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: 350		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-24512-083)PUMP SEAL REQUIRES REPLACEMENT				REPLACE THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP (ROTARY/SCREW) OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM 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-24512-084- -STBY OIL PMP BRGS - REPL			MJC: EXECJBP4		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: 450	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-084)PUMP SEALS AND BEARINGS REQUIRE REPLACEMENT	REPLACE THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP (ROTARY/SCREW) OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM 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-24512-085- -STBY OIL PMP ROTNG ASSY - REPL			MJC: EXECJBP5		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: 2,300	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-085)PUMP ROTATING ASSEMBLY REQUIRES REPLACEMENT	REPLACE THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP (ROTARY/SCREW) OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM 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-24512-086- -STBY OIL PMP - REPL				MJC: EXECJBP6		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: 21,000		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-24512-086)PUMP REQUIRES REPLACEMENT	REMOVE THE STANDBY MOTOR-DRIVEN HYDRAULIC OIL PUMP (ROTARY/SCREW) OF THE CONTROLLABLE-PITCH PROPELLER SYSTEM. REPLACE THE PUMP WITH NEW BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. ALIGN DRIVER TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-24512-089- -CPCH PROP SYS - MRC VARI**MJC:** EXECICG1**Rev Date:** 4/6/2010**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:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-24512-089)THE CONTROLLABLE PITCH PROPELLER REQUIRES ASSESSMENT.

ACCOMPLISH THE CONTROLLABLE PITCH PROPELLER ASSESSMENT IN ACCORDANCE WITH MIP 2451/001, MRC T1E7(CG 52-65); MIP 2451/002, MRC G3N2 (LSD 41/49 CLASS); MIP 2451/005, MRC G3N4 (MCM CLASS AND CG 72 ONLY; MIP 2451/006, MRC G3P9 (DDG CLASS); MIP 2451/007, MRC G3N6 (CG 66-73) AS FOLLOWS: 1. INSPECT CONTROLLABLE PITCH PROPELLER (CPP) 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-24512-094- -CPP STBY PMP MOT/CONT-MRC T1E8**MJC:** EXECIEA8**Rev Date:** 12/6/2006**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:**

BASELINE

Problem Description:

(I-24512-094)THE CONTROLLABLE PITCH
PROPELLER MOTOR AND CONTROLLER REQUIRES
ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE CONTROLLABLE PITCH PROPELLER MOTOR AND
CONTROLLER ASSESSMENT IN ACCORDANCE WITH MRC T1E8 AS
FOLLOWS: 1. INSPECT HYDRAULIC PUMP MOTOR CONTROLLERS;
MEASURE CONTROLLER AND AC MOTOR RESISTANCE; INSPECT
COMPONENT ELECTRICAL CONNECTIONS AND WIRING. REPORT
CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: I-24512-095- -CPP PMP VIB TST - MRC G1P1			MJC: EXECIG80		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-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:** 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-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: 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:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 12**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

DIESEL

(I-25131-016)INTAKE NEEDS INSPECTION.

ASSESS #1A 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 4314 CERTIFIED DEI 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:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,500**ManDays:** 9**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

DIESEL

Problem Description:

(I-25131-017) INTAKE NEEDS TO BE STAGED AND INSPECTED.

Recommended Solution:

ASSESS #1A 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 4314 CERTIFIED DEI (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: 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:** 4**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:**

DIESEL

(I-25132-015)INTAKE NEEDS INSPECTION.

ASSESS #1B 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 4314 CERTIFIED DEI 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:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,500**ManDays:** 9**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

DIESEL

Problem Description:

(I-25132-016) INTAKE NEEDS TO BE STAGED AND INSPECTED.

Recommended Solution:

ASSESS #1B 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 4314 CERTIFIED DEI (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: I-25133-015- -COMB AIR INTAKE SYS - MRC G1E8**MJC:** EXECIJ16**Rev Date:** 7/30/2010**RCM Analysis:** 7/12/2004**Scheduled:** Y**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 12**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

DIESEL

(I-25133-015)INTAKE NEEDS INSPECTION.

ASSESS #2A 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 4314 CERTIFIED DEI 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-25133-15 INSPECTION RESULTS INDICATE A 2ND INSPECTION IS NEEDED TO ASSESS AREAS OF THE INTAKE SYS NOT INSPECTED DURING THE INITIAL TASK I-25133-15 INSPECTION, ACCOMPLISHING ACTIVITY SHALL REQUEST SURFMEPP TO SCHEDULE A 2ND INSPECTION UNDER TASK I-25133-16. THE TASK I-25133-16 INSPECTION WILL BE SIMILAR IN SCOPE TO THE TASK I-25133-15 INSPECTION, BUT WILL GENERALLY BE LIMITED TO AREAS OF THE INTAKE SYS NOT PREVIOUSLY INSPECTED. TASK I-25133-16 WILL INCLUDE INSTALLATION OF STAGING/SCAFFOLDING.

Task/Abbreviation: I-25133-016- -COMB AIR INTK(W/STAG)-MRC G1E8**MJC:** EXECIJ19**Rev Date:** 6/1/2010**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,500**ManDays:** 9**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

DIESEL

Problem Description:

(I-25133-016) INTAKE NEEDS TO BE STAGED AND INSPECTED.

Recommended Solution:

ASSESS #2A 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-25133-15 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 4314 CERTIFIED DEI (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: I-25134-015- -COMB AIR INTAKE SYS - MRC G1E8**MJC:** EXECIJ17**Rev Date:** 7/26/2010**RCM Analysis:** 7/12/2004**Scheduled:** Y**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 12**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

DIESEL

(I-25134-015)INTAKE NEEDS INSPECTION.

ASSESS #2B 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 4314 CERTIFIED DEI 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-25134-15 INSPECTION RESULTS INDICATE A 2ND INSPECTION IS NEEDED TO ASSESS AREAS OF THE INTAKE SYS NOT INSPECTED DURING THE INITIAL TASK I-25134-15 INSPECTION, ACCOMPLISHING ACTIVITY SHALL REQUEST SURFMEPP TO SCHEDULE A 2ND INSPECTION UNDER TASK I-25134-16. THE TASK I-25134-16 INSPECTION WILL BE SIMILAR IN SCOPE TO THE TASK I-25134-15 INSPECTION, BUT WILL GENERALLY BE LIMITED TO AREAS OF THE INTAKE SYS NOT PREVIOUSLY INSPECTED. TASK I-25134-16 WILL INCLUDE INSTALLATION OF STAGING/SCAFFOLDING.

Task/Abbreviation: I-25134-016- -COMB AIR INTK(W/STAG)-MRC G1E8**MJC:** EXECIJ20**Rev Date:** 6/1/2010**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,500**ManDays:** 9**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

DIESEL

Problem Description:

(I-25134-016) INTAKE NEEDS TO BE STAGED AND INSPECTED.

Recommended Solution:

ASSESS #2B 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-25134-15 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 4314 CERTIFIED DEI (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: A-25210-003- -AER MCM1-00827 - ACCOMP			MJC: EXTYA518		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:	ManDays:	Alt No: TYMCM 00827
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-25210-3) AER MCM1-00827, IF CAPILLARY GAGE HEAT SHIELD, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00827 WHICH MODIFIES JACKET WATER TEMP GAGE SYSTEM TO CORRECT DIFFERENCES IN TEMPERATURE READOUT BETWEEN LOCAL AND REMOTE THERMOMETERS.

Task/Abbreviation: I-25211-001- -ENGRG CONT SYS - INSP			MJC: EXECICK9		Rev Date: 12/17/2004	
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-25211-001)THE ENGINEERING CONTROL SYSTEMS REQUIRES INSPECTION	INSPECT AND TEST THE ENGINEERING CONTROL SYSTEMS (ECS). REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. NOTE: 1. INSPECTIONS SHOULD BE ACCOMPLISHED BY NAVAL SURFACE WARFARE CENTER CARDEROCK DIVISION OR REGIONAL MAINTENANCE CENTER WITH ASSISTANCE OF 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-25211-002- -ENGRG CONT SYS - RPR				MJC: EXECQ117		Rev Date: 2/24/2009	
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-25211-002)ENGINEERING CONTROL SYSTEM REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE ENGINEERING CONTROL SYSTEMS (ECS) PER CONDITION ASSESSMENT RECOMMENDATIONS. NOTE: 1. REPAIRS/GROOMING SHOULD BE PERFORMED AT THE START AND END OF THE AVAILABILITY BY NAVAL SURFACE WARFARE CENTER CARDEROCK DIVISION (NSWCCD) OR REGIONAL MAINTENANCE CENTER (RMC) WITH ASSISTANCE OF SHIP'S FORCE. REFURBISHMENT, RESTORATION, AND CONFIGURATION CONTROL SHALL BE ACCOMPLISHED BY FTSC/OEM UNDER THE COGNIZANCE OF NSWCCD.

Task/Abbreviation: D-25211-117- -SHIPALT MCM1-74700D - ACCOMP**MJC:** EXSAD661**Rev Date:** 2/12/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 30,000**ManDays:** 195**Alt No:** SAMCM 74700 D**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(D-25211-117) SHIPALT MCM1-74700D, ICAAS
REMOTE MONITORING, NOT ACCOMPLISHEDACCOMPLISH SHIPALT MCM1-74700D WHICH
INSTALLS ICAS REMOTE MONITORING UTILITY. THE ICAS RMU IS
CONFIGURED TO AUTOMATICALLY DOWNLOAD, PACKAGE AND
TRANSMIT ICAS MONITORED MACHINERY DATA SHORESIDE, VIA
DISTANCE SUPPORT 2.0 SERVER, TO MAINTENANCE ENGINEERING
LIBRARY SERVER (MELS) FOR SME REVIEW. A FIREWALL IS ALSO
INSTALLED TO PROVIDE NETWORK SECURITY FOR THE
CONNECTION BETWEEN THE ICAS AND ISNS LANS. THE
CONNECTION TO THE ISNS LAN IS REQUIRED TO TRANSMIT DATA
TO THE SHIPBOARD DS 2.0 SERVER FOR ULTIMATE TRANSMISSION
OFF THE SHIP. THE SHIP-TO-SHORE DATA TRANSMISSION OCCURS
OVER EXISTING NAVY COMMUNICATION PATHS AND DOESN'T
REQUIRE ADDITION LAN COMPONENTS FOR THIS PURPOSE. POC:
NICHOLAS PERRUPATO, 215-897-1004,
NICHOLAS.PERRUPATO@NAVY.MIL

Task/Abbreviation: A-25211-119- -AER MCM1-60212 - ACCOMP			MJC: EXT YAAB6		Rev Date: 2/16/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 67,000	ManDays: 40	Alt No: TYMCM 60212
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-25211-119) AER MCM1-60212, ISCS COTS UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-60212 WHICH INSTALLS TWO INTERGRAPH TD-2112R RACK MOUNT WORKSTATION CHASSIS AND THREE INTERGRAPH TD-R2112N NEMA WORKSTATIONS IN THE ORIGINAL 6 MCMS' INTEGRATED SHIPS CONTROL SYSTEM (ISCS) INSTALLATIONS. THESE NEW UNITS WILL ALLOW ACCEPTANCE OF NEWER, EVER CHANGING PROCESSORS. IF A PROCESSOR FAILS, IT CAN BE REPLACED WITHOUT REPLACING THE ENTIRE COMPUTER.

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: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,500	ManDays: 29	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
DIESEL	(Q-25911-012)MPDE EXHAUST PIPING AND ASSOCIATED EQUIPMENT REQUIRE REPAIR.	ACCOMPLISH THE FOLLOWING REPAIRS TO THE MPDE EXHAUST SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS AS AUTHORIZED FROM THE FOLLOWING LIST: A. CLEAN EXHAUST PIPING. B. REPAIR EXHAUST PIPING. C. REPAIR ASSOCIATED 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:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 12**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

DIESEL

(I-25911-014)EXHAUST NEEDS INSPECTION.

ASSESS #1A EXHAUST SYSTEM 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 4314 CERTIFIED DEI 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 EXHAUST SYSTEM 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 EXHAUST SYSTEM 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:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,500**ManDays:** 11**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

DIESEL

(I-25911-015) EXHAUST NEEDS TO BE STAGED AND INSPECTED.

ASSESS #1A 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 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 4314 CERTIFIED DEI (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-25912-008- -UPTK/EXH PP/DUCTING-CLEAN/RPR		MJC: EXECQEG9		Rev Date: 3/29/2010	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,500	ManDays: 29	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
DIESEL	(Q-25912-008)MPDE EXHAUST PIPING AND ASSOCIATED EQUIPMENT REQUIRE REPAIR.	ACCOMPLISH THE FOLLOWING REPAIRS TO THE MPDE EXHAUST SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS AS AUTHORIZED FROM THE FOLLOWING LIST: A. CLEAN EXHAUST PIPING. B. REPAIR EXHAUST PIPING. C. REPAIR ASSOCIATED 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:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 12**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

DIESEL

(I-25912-010)EXHAUST NEEDS INSPECTION.

ASSESS #1B 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 4314 CERTIFIED DEI 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 EXHAUST SYSTEM 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 EXHAUST SYSTEM 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:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,500**ManDays:** 11**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

DIESEL

(I-25912-011)EXHAUST NEEDS TO BE STAGED AND INSPECTED.

ASSESS #1B 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 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 4314 CERTIFIED DEI (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-25913-007- -UPTK/EXH PP/DUCTING-CLEAN/RPR		MJC: EXECQEH2	Rev Date: 3/29/2010		
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,500	ManDays: 29	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
DIESEL	(Q-25913-007)MPDE EXHAUST PIPING AND ASSOCIATED EQUIPMENT REQUIRE REPAIR.	ACCOMPLISH THE FOLLOWING REPAIRS TO THE MPDE EXHAUST SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS AS AUTHORIZED FROM THE FOLLOWING LIST: A. CLEAN EXHAUST PIPING. B. REPAIR EXHAUST PIPING. C. REPAIR ASSOCIATED EXHAUST SYSTEM EQUIPMENT/COMPONENTS.

Task/Abbreviation: I-25913-009- -UPTAKE/EXHAUST SYS - MRC G1E8**MJC:** EXECIJ22**Rev Date:** 6/30/2010**RCM Analysis:** 7/12/2004**Scheduled:** Y**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 12**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

DIESEL

(I-25913-009)EXHAUST NEEDS INSPECTION.

ASSESS #2A 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 4314 CERTIFIED DEI 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-25913-9 INSPECTION RESULTS INDICATE A 2ND INSPECTION IS NEEDED TO ASSESS AREAS OF THE EXHAUST SYSTEM NOT INSPECTED DURING THE INITIAL TASK I-25913-9 INSPECTION, ACCOMPLISHING ACTIVITY SHALL REQUEST SURFMEPP TO SCHEDULE A 2ND INSPECTION UNDER TASK I-25913-10. THE TASK I-25913-10 INSPECTION WILL BE SIMILAR IN SCOPE TO THE TASK I-25913-9 INSPECTION, BUT WILL GENERALLY BE LIMITED TO AREAS OF THE EXHAUST SYSTEM NOT PREVIOUSLY INSPECTED. TASK I-25913-10 WILL INCLUDE INSTALLATION OF STAGING/SCAFFOLDING.

Task/Abbreviation: I-25913-010- -UPTK/EXH SYS (W/STAG)-MRC G1E8**MJC:** EXECIJ25**Rev Date:** 6/1/2010**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,500**ManDays:** 11**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

DIESEL

Problem Description:

(I-25913-010)EXHAUST NEEDS TO BE STAGED AND INSPECTED.

Recommended Solution:

ASSESS #2A 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 EXHAUST SYSTEM NOT PREVIOUSLY INSPECTED DURING THE MOST RECENT TASK I-25913-9 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 4314 CERTIFIED DEI (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-25914-006- -UPTK/EXH PP/DUCTING-CLEAN/RPR		MJC: EXECQEH3		Rev Date: 3/30/2010	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 4	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,500	ManDays: 29	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
DIESEL	(Q-25914-006)MPDE EXHAUST PIPING AND ASSOCIATED EQUIPMENT REQUIRE REPAIR.	ACCOMPLISH THE FOLLOWING REPAIRS TO THE MPDE EXHAUST SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS AS AUTHORIZED FROM THE FOLLOWING LIST: A. CLEAN EXHAUST PIPING. B. REPAIR EXHAUST PIPING. C. REPAIR ASSOCIATED EXHAUST SYSTEM EQUIPMENT/COMPONENTS.

Task/Abbreviation: I-25914-008- -UPTAKE/EXHAUST SYS - MRC G1E8**MJC:** EXECIJ23**Rev Date:** 7/26/2010**RCM Analysis:** 7/12/2004**Scheduled:** Y**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 12**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

DIESEL

(I-25914-008) EXHAUST NEEDS INSPECTION.

ASSESS #2B EXHAUST SYSTEM 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 4314 CERTIFIED DEI 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-25914-8 INSPECTION RESULTS INDICATE A 2ND INSPECTION IS NEEDED TO ASSESS AREAS OF THE EXHAUST SYSTEM NOT INSPECTED DURING THE INITIAL TASK I-25914-8 INSPECTION, ACCOMPLISHING ACTIVITY SHALL REQUEST SURFMEPP TO SCHEDULE A 2ND INSPECTION UNDER TASK I-25914-9. THE TASK I-25914-9 INSPECTION WILL BE SIMILAR IN SCOPE TO THE TASK I-25914-8 INSPECTION, BUT WILL GENERALLY BE LIMITED TO AREAS OF THE EXHAUST SYSTEM NOT PREVIOUSLY INSPECTED. TASK I-25914-9 WILL INCLUDE INSTALLATION OF STAGING/SCAFFOLDING.

Task/Abbreviation: I-25914-009- -UPTK/EXH SYS (W/STAG)-MRC G1E8**MJC:** EXECIJ26**Rev Date:** 6/1/2010**RCM Analysis:** 7/12/2004**Scheduled:** N**Sit Reqs:****Qty:** 4**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,500**ManDays:** 11**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

DIESEL

Problem Description:

(I-25914-009)EXHAUST NEEDS TO BE STAGED AND INSPECTED.

Recommended Solution:

ASSESS #2B 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 EXHAUST SYSTEM NOT PREVIOUSLY INSPECTED DURING THE MOST RECENT TASK I-25914-8 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 4314 CERTIFIED DEI (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: 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: Q-26111-022- -MPDE FO SYS CRIT HOSE - REPL**MJC:** EXECQCW3**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:****Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-26111-022) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE MAIN PROPULSION DIESEL ENGINE FUEL OIL SYSTEM 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 PROPULSION DIESEL ENGINE FUEL OIL SYSTEM 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-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: Q-26112-015- -MPDE FO SYS CRIT HOSE - REPL**MJC:** EXECQCW4**Rev Date:** 9/2/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:****Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-26112-015) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE MAIN PROPULSION DIESEL ENGINE FUEL OIL SYSTEM CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010.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
REPLACE THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE MAIN
PROPULSION DIESEL ENGINE FUEL OIL SYSTEM CRITICAL FLEXIBLE
HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA
S6430-AE-TED-010.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-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-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: Q-26211-011- -LO PIPING SYS CRIT HOSE - REPL			MJC: EXECM070		Rev Date: 6/1/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty:	Removal Required:	
Lvl of Maint: 2	Freq: 0	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-26211-011) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE LUBE OIL PIPING SYSTEM 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 PIPING SYSTEM 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-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: Q-26212-005- -LO PIPING SYS CRIT HOSE - REPL			MJC: EXECM071		Rev Date: 6/1/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty:	Removal Required:	
Lvl of Maint: 2	Freq: 0	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-26212-005) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE LUBE OIL PIPING SYSTEM 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 PIPING SYSTEM 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-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-26231-008- -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:** 0**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: 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-26232-008- -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:** 0**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3

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: 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-26241-021- -LO PMP NON ATCH CRIT HOSE-REPL**MJC:** EXECM087**Rev Date:** 6/1/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3

NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265

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

BASELINE

(Q-26241-021) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE NON ATTACHED LUBE OIL 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 NON ATTACHED LUBE OIL 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-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: 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-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: 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-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: 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-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: 250		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: 4,000	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: 22,000		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: 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: 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-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: 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-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: I-26241-059- -LOSP PMPS VIB TST- MRC G1P1				MJC: EXECIGC3		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-26241-059)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-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: 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-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-26242-021- -LO PMP NON ATCH CRIT HOSE-REPL**MJC:** EXECM089**Rev Date:** 6/1/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3

NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265

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

BASELINE

(Q-26242-021) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE NON ATTACHED LUBE OIL 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 NON ATTACHED LUBE OIL 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-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: 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-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: 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-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: 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-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: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 250		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: 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-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: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 4,000	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: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 22,000		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: 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-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:** 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-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: I-26242-053- -LOSP PMPS VIB TST- MRC G1P1				MJC: EXECIGC4		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-26242-053)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: 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: 1	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: A-26431-008- -AER MCM1-00672 - ACCOMP			MJC: EXT YA521		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: 350	ManDays: 4	Alt No: TYMCM 00672
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-26431-8) AER MCM1-00672, PURIFIER CONTROL PANEL, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00672 WHICH PROVIDES SPLASH COVER OVER FUNNELS IN PROXIMITY OF LUBE OIL PURIFIER CONTROL PANEL.

Task/Abbreviation: Q-26431-009- -LO PURIFIER CRIT HOSE - REPL			MJC: EXECM091		Rev Date: 6/1/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
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: 1		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: 1	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: 1	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-26431-014- -LO PUR (SFT/GEARS) - RPR/REPL			MJC: EXECJE97		Rev Date: 5/23/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,475	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-26431-014)WORM DRIVE AND HELICAL GEAR REQUIRES REPLACEMENT	REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE LUBE OIL PURIFIER TO THE EXTENT NECESSARY TO STRAIGHTEN THE SHAFT, REPLACE WORM (DRIVER HELICAL GEAR) AND WORM GEAR (DRIVEN HELICAL GEAR). 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).

Task/Abbreviation: Q-26431-015- -LO PUR (GEARS/SFT) - REPL**MJC:** EXECJE98**Rev Date:** 5/23/2005**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 2,475**ManDays:** 19**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:**

BASELINE

Problem Description:

(Q-26431-015)PURIFIER INTERNALS REQUIRE REPLACEMENT

Recommended Solution:

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE LUBE OIL PURIFIER TO THE EXTENT NECESSARY TO REPLACE THE WORM (DRIVER HELICAL GEAR), THE WORM GEAR (DRIVEN HELICAL GEAR) AND THE PUMP DRIVEN GEAR AND SHAFT 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 WORM (DRIVER HELICAL GEAR). B. REPLACE WORM GEAR (DRIVEN HELICAL GEAR). C. REPLACE PUMP DRIVEN GEAR AND SHAFT ASSEMBLY.

Task/Abbreviation: Q-26431-016- -LO PUR (BOWL ASSY) - RPR			MJC: EXECJE99		Rev Date: 5/23/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	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: 1	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: 1	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: 1	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: 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-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-26431-027- -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-26431-034- -L/O PURIFIER-OVERHAUL**MJC:** EXECQHQ5**Rev Date:** 8/9/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 1**Freq:** 18**Equip/Task:** 1**Matl Cost:** 2,475**ManDays:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

PURIFIER REQUIRES OVERHAUL

REQUEST SERVICES OF A QUALIFIED TECHNICAL REPRESENTATIVE. OVERHAUL THE LUBE OIL PURIFIER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. DISASSEMBLE, CLEAN, INSPECT, AND REPAIR PARTS AND COMPONENTS. REPLACE ALL GASKETS, SEALS AND O-RINGS. ON COMPLETION OF REPAIRS, PER TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST REPLACE AND/OR REINSTALL COMPONENTS. DISASSEMBLE AND REASSEMBLE COMPONENTS IN ACCORDANCE WITH TECH MANUAL S9264-A4-MMO-010 SECTION IV. A. PUMP INLET/OUTLET ASSEMBLY. B. DRIVE ASSEMBLY. C. BAFFLE PLATE ASSEMBLY. D. INLET ARM. E. BOWL ASSEMBLY. F. SPINDLE ASSEMBLY. G. COVER ASSEMBLY. H. PIPING ASSEMBLY. I. BRAKE ASSEMBLY. J. SPEED INDICATOR ASSEMBLY. K. FLOW SWITCH ASSEMBLY. CLEAN SEAL BOX. CLEAN AND INSPECT INLET STRAINER. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: D-26431-035- -ACCOMPLISH SA 10771			MJC: EXSAD757		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: 10771 D
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	SA 10771 LUBE OIL PURIFIER REPLACEMENT, NOT ACCOMPLISHED	SHIPS FORCE HAS DIFFICULTY IN BOTH OPERATING AND MAINTAINING THE CURRENT LUBE OIL PURIFIERS. INCORRECT OPERATIONS DURING THE PRIMING CYCLE EASILY INTRODUCES ENOUGH WATER INTO THE MAIN REDUCTION GEAR TO EMULSIFY THE OIL BEYOND THE POINT OF BEING ABLE TO OPERATE THE MAIN REDUCTION GEAR, DRIVING SHIPS TO REPORT C3 AND C4 CASREPS. CHANGE OUT THE PURIFIER WITH A FILTER WATER COALESCER SIMILAR TO THAT INSTALLED ON THE DDG 51 CLASS SHIPS. RETAIN LUBE OIL PURIFIER HEATER.

Task/Abbreviation: K-31120-024- -SHIPALT MCM1-71762K - ACCOMP**MJC:** EXSAK697**Rev Date:** 3/26/2009**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:** SAMCM 71762 K**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-31120-24) SHIPALT MCM1-71762K, SSDG DIGITAL
VOLTAGE RGLTR UGD, NOT ACCOMPLISHEDACCOMPLISH SHIPALT MCM1-71762K INSTALLS THE NEW BASLER
ELECTRIC REGULATOR (DECS-200) WHICH IS A MICRO-PROCESSOR
BASED DESIGN UNIT WHICH INCORPORATES FEATURES SUCH AS
FRONT HMI INTERFACE, SEVEN ENHANCED GENERATOR
PROTECTION FEATURES WITH DYNAMIC OUTPUT REGULATION, AND
BUILD-IN RS-485 MODBUS PROTOCOL COMMUNICATIONS INPUT FOR
DIRECT INTERFACE WITH CURRENT MCS. THIS WILL PROVIDE A
MORE RELIABLE AND LESS EXPENSIVE VOLTAGE REGULATOR
SYSTEM. POC: NICHOLAS PERRUPATO, 215-897-1004,
NICHOLAS.PERRUPATO@NAVY.MIL OR REGINALD TUBBS,
757-578-3370 OR 757-443-3872, REGINALD.TUBBS@NAVY.MIL OR
SETH BURMASTER, 215-897-1940, SETH.BURMASTER@NAVY.MIL

Task/Abbreviation: I-31121-001- -SSDG AC GEN - INSP/ TST**MJC:** EXECI112**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 3**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-31121-001)THE SHIP SERVICE DIESEL
GENERATOR SET REQUIRES INSPECTIONACCOMPLISH 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: 3	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-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: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 6,885		ManDays: 153		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-31121-006- -SSDG FUEL INJECTORS - RPR			MJC: EXECQ313		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 200	ManDays: 3	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: I-31121-025- -SSDG RESIL MT - INSP			MJC: EXECI347		Rev Date: 7/20/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	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:
MCM 1 CLASS	(I-31121-025) RESILIENT MOUNTS ON THE SHIP'S SERVICE DIESEL GENERATOR REQUIRES INSPECTION.	ACCOMPLISH THE SHIP SERVICE DIESEL GENERATOR ASSESSMENT IN ACCORDANCE WITH MRC 9HFH AS FOLLOWS: 1. INSPECT RESILIENT MOUNTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-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-31121-026- -SSDG RESIL MT - REPL			MJC: EXECQAB8		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
MCM 1 CLASS	(Q-31121-026)SSDG ENGINE RESILIENT MOUNTS REQUIRE REPLACEMENT.	REPLACE SSDG ENGINE RESILIENT MOUNTS BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. REFER TO NAVSEA S9073-A2-HBK-010, NAVY RESILIENT MOUNT HANDBOOK, FOR REPLACEMENT CRITERIA.

Task/Abbreviation: Q-31121-029- -SSDG AC GEN - ALIGN			MJC: EXECQB81		Rev Date: 9/6/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	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-31121-029)A.C. GENERATOR REQUIRES ALIGNMENT	ALIGN THE A.C. GENERATOR OF THE SHIP SERVICE 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 DIESEL ENGINE. 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. NOTE: GENERATOR ALIGNMENT MUST BE VERIFIED UPON ENGINE REMOVAL/INSTALLATION ONLY.

Task/Abbreviation: Z-31121-030- -SSDG SET - INSP EXCITER				MJC: EXECZ031		Rev Date: 1/19/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	TBD	INSPECT THE GENERATOR AND BRUSHLESS EXCITER IN ACCORDANCE WITH MIP 3112/009-77, MRC 56 8CVM N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YDR N (FOR MHC 51 CLASS SHIPS). MEASURE INSULATION RESISTANCE OF STATOR, ROTOR, AND BRUSHLESS EXCITER AND VERIFY VALUES ARE ACCEPTABLE.

Task/Abbreviation: Z-31121-031- -SSDG SET - TST RELAY				MJC: EXECZ018		Rev Date: 1/19/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				TEST THE GENERATOR SET SOLID-STATE REVERSE POWER RELAY IN ACCORDANCE WITH MIP 3112/009-77, MRC 25 8JXT N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YEC N (FOR MHC 51 CLASS SHIPS).					

Task/Abbreviation: Z-31121-032- -SSDG ENG FDN BOLTS - TORQUE				MJC: EXECZ021		Rev Date: 1/19/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: X		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: X		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				TORQUE THE GENERATOR SET DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 3112/009-77, MRC 47 8HKE N (FOR MCM 1 CLASS SHIPS) OR S9233-C4-MMA-010 FOR MHC 51 CLASS SHIPS.					

Task/Abbreviation: Z-31121-033- -SSDG SET CONT EQPT - CLN/ INSP				MJC: EXECZ007		Rev Date: 1/19/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: X		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				CLEAN AND INSPECT THE GENERATOR SET CONTROL EQUIPMENT, ENCLOSURES AND CONNECTION BOXES IN ACCORDANCE WITH MIP 3112/009-77, MRC 26 8SNW N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YEE N (FOR MHC 51 CLASS SHIPS).					

Task/Abbreviation: Z-31121-034- -SSDG SET ELASTOMERIC CPLG-INSP				MJC: EXECZ010		Rev Date: 1/19/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				INSPECT THE GENERATOR SET ELASTOMERIC COUPLING RUBBER INSERTS IN ACCORDANCE WITH MIP 3112/009-77, MRC B5 8VZK Y (FOR MCM 1 CLASS SHIPS) OR S9233-C4-MMA-010 FOR MHC 51 CLASS SHIPS.					

Task/Abbreviation: Q-31121-037- -SSDG CRIT HOSE - REPL			MJC: EXECQAS6		Rev Date: 12/15/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31121-037) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE SHIP SERVICE 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 SHIP SERVICE 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: Q-31121-043- -MCM/MHC SSDG AC GEN - RPR**MJC:** EXECQAX1**Rev Date:** 6/5/2000**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 3**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 2,835 **ManDays:** 63 **Alt No:****Referenced Authority:** **Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31121-043)GENERATOR REQUIRES REPAIR

REMOVE END COVERS & INNER AIR SHIELD OF A.C. GENERATOR OF THE SSDG SET. INSPECT FIELD ROTOR FAN RING ASSEMBLY. MEASURE INSULATION RESISTANCE OF THE FIELD & STATOR WINDINGS. VERIFY CONTINUITY OF REMOTE TEMPERATURE DETECTOR CIRCUITRY. RECORD AS-FOUND & POST-REPAIR CLEARANCES. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. CLEAN BRUSH RIGGING IN-PLACE WITH APPROVED SOLVENT. REPLACE/SEAT COLLECTOR RING BRUSHES. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING JOINT SEALANTS & NEW GASKETS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST & VIBRATION ANALYSIS SURVEY. A. CLEAN STATOR AND ROTOR WINDINGS. PROVIDE INSULATION RESISTANCE READINGS ON COMPLETION. B. MACHINE/POLISH COLLECTOR RING ASSEMBLY IN-PLACE. C. REWIND FIELD. D. REPLACE FIELD ROTOR. E. REWIND STATOR. F. REPLACE STATOR ASSEMBLY. G. REPLACE DESIGNATED OIL DEFLECTORS. NOTE. 1. GENERATOR STATOR SPACE HEATERS TO BE ENERGIZED. 2. SUPSHIP UTILIZE SWT 311-05 FOR GUIDANCE IN DEVELOPING THIS SPECIFICATION.

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:** 3**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-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-31121-078- -MS SSDG AC GEN W/RTR RMV-CLN			MJC: EXECJB58		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 25,670	ManDays: 52	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31121-078)ROTOR ASSEMBLY REQUIRES REPAIR	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP 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-31121-079- -MS SSDG AC GEN RTD(S)-REPL				MJC: EXECJB61		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,150		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31121-079)RESISTIVE TEMPERATURE DETECTOR(S) (RTD) REQUIRE REPLACEMENT				OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE MINE SWEEP SHIP SERVICE DIESEL GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-31121-080- -MS SSDG AC GEN IN PLACE-CLN			MJC: EXECJB64		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	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-31121-080)A.C. GENERATOR REQUIRES CLEANING	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP 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-31121-081- -MS SSDG AC GEN BEARINGS-REPL			MJC: EXECJB67		Rev Date: 5/26/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 23,850	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-31121-081)BEARINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP 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: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,500		ManDays: 2		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-31121-106- -SSDG - MRC G1N4			MJC: EXECI676		Rev Date: 8/30/2007					
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: 2	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31121-106)THE SHIP SERVICE DIESEL GENERATOR REQUIRES ASSESSMENT.	ACCOMPLISH THE SHIP SERVICE DIESEL GENERATOR ASSESSMENT IN ACCORDANCE WITH MRC G1N4 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: I-31121-115- -SSDG VIB TST - MRC G1P1			MJC: EXECIGD2		Rev Date: 7/20/2011
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-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-31121-165- -SSDG ENGINE - OVHL**MJC:** EXECQE30**Rev Date:** 9/8/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 3**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 90,000 **ManDays:** 153 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3

Reason: BASELINE
Problem Description: (Q-31121-165) THE SSDG ENGINE REQUIRES OVERHAUL.

Recommended Solution:
AT 12,000 HOURS OF OPERATION, OVERHAUL SSDG ENGINE PER S9233-B9-TRS-010. UPON COMPLETION, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

Reason: MCM 1 AND MCM 2
Problem Description: (Q-31121-165) THE SSDG ENGINE REQUIRES OVERHAUL.

Recommended Solution:
AT 12,000 HOURS OF OPERATION, OVERHAUL SSDG ENGINE PER S9233-BM-TRS-010. UPON COMPLETION, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

Task/Abbreviation: I-31121-169- -SSDG - MRC 8VLP			MJC: EXECIIO8		Rev Date: 9/16/2009
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-31121-169) THE SHIP SERVICE DIESEL GENERATOR REQUIRES ASSESSMENT.	ACCOMPLISH THE SHIP SERVICE DIESEL GENERATOR ASSESSMENT IN ACCORDANCE WITH MRC 8VLP AS FOLLOWS: 1. CONDUCT 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-31122-001- -SSDG AC GEN - INSP/ TST			MJC: EXECI114		Rev Date: 7/20/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	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-31122-001) 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-31122-002- -SSDG DSL ENG - INSP/OP TST				MJC: EXECICW1		Rev Date: 7/20/2011					
RCM Analysis:		Scheduled: Y		Sit Reqs:		Qty: 3		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-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: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 6,885	ManDays: 153	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-31122-006- -SSDG FUEL INJECTORS - RPR			MJC: EXECQ321		Rev Date: 9/8/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 200	ManDays: 3	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-31122-029- -SSDG AC GEN - ALIGN				MJC: EXECQB85		Rev Date: 1/20/1999	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 3	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-31122-029)A.C. GENERATOR REQUIRES ALIGNMENT	ALIGN THE A.C. GENERATOR OF THE SHIP SERVICE 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 DIESEL ENGINE. 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. NOTE: GENERATOR ALIGNMENT MUST BE VERIFIED UPON ENGINE REMOVAL/INSTALLATION ONLY.

Task/Abbreviation: Z-31122-030- -SSDG SET - INSP EXCITER				MJC: EXECZ032		Rev Date: 1/20/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	TBD	INSPECT THE GENERATOR AND BRUSHLESS EXCITER IN ACCORDANCE WITH MIP 3112/009-77, MRC 56 8CVM N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YDR N (FOR MHC 51 CLASS SHIPS). MEASURE INSULATION RESISTANCE OF STATOR, ROTOR, AND BRUSHLESS EXCITER AND VERIFY VALUES ARE ACCEPTABLE.

Task/Abbreviation: Z-31122-031- -SSDG SET - TST RELAY				MJC: EXECZ019		Rev Date: 1/20/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				TEST THE GENERATOR SET SOLID-STATE REVERSE POWER RELAY IN ACCORDANCE WITH MIP 3112/009-77, MRC 25 8JXT N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YEC N (FOR MHC 51 CLASS SHIPS).					

Task/Abbreviation: Z-31122-032- -SSDG ENG FDN BOLTS - TORQUE				MJC: EXECZ022		Rev Date: 1/20/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: X		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				TORQUE THE GENERATOR SET DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 3112/009-77, MRC 47 8HKE N (FOR MCM 1 CLASS SHIPS) OR S9233-C4-MMA-010 FOR MHC 51 CLASS SHIPS).					

Task/Abbreviation: Z-31122-033- -SSDG SET CONT EQPT - CLN/ INSP				MJC: EXECZ008		Rev Date: 1/20/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: X		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				CLEAN AND INSPECT THE GENERATOR SET CONTROL EQUIPMENT, ENCLOSURES AND CONNECTION BOXES IN ACCORDANCE WITH MIP 3112/009-77, MRC 26 8SNW N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YEE N (FOR MHC 51 CLASS SHIPS).					

Task/Abbreviation: Z-31122-034- -SSDG SET ELASTOMERIC CPLG-INSP				MJC: EXECZ011		Rev Date: 1/20/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				INSPECT THE GENERATOR SET ELASTOMERIC COUPLING RUBBER INSERTS IN ACCORDANCE WITH MIP 3112/009-77, MRC B5 8VZK Y (FOR MCM 1 CLASS SHIPS) OR APPLICABLE TECHNICAL MANUAL FOR MHC 51 CLASS SHIPS.					

Task/Abbreviation: Q-31122-037- -SSDG CRIT HOSE - REPL			MJC: EXECQAS7		Rev Date: 12/15/2009
RCM Analysis:		Scheduled: Y	Sit Reqs:	Qty: 0	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31122-037) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE SHIP SERVICE 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 SHIP SERVICE 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: Q-31122-043- -MCM/MHC SSDG AC GEN - RPR**MJC:** EXECQAX2**Rev Date:** 6/5/2000**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 3**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 2,835 **ManDays:** 63 **Alt No:****Referenced Authority:** **Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31122-043)GENERATOR REQUIRES REPAIR

REMOVE END COVERS & INNER AIR SHIELD OF A.C. GENERATOR OF THE SSDG SET. INSPECT FIELD ROTOR FAN RING ASSEMBLY. MEASURE INSULATION RESISTANCE OF THE FIELD & STATOR WINDINGS. VERIFY CONTINUITY OF REMOTE TEMPERATURE DETECTOR CIRCUITRY. RECORD AS-FOUND & POST-REPAIR CLEARANCES. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. CLEAN BRUSH RIGGING IN-PLACE WITH APPROVED SOLVENT. REPLACE/SEAT COLLECTOR RING BRUSHES. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING JOINT SEALANTS & NEW GASKETS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST & VIBRATION ANALYSIS SURVEY. A. CLEAN STATOR AND ROTOR WINDINGS. PROVIDE INSULATION RESISTANCE READINGS ON COMPLETION. B. MACHINE/POLISH COLLECTOR RING ASSEMBLY IN-PLACE. C. REWIND FIELD. D. REPLACE FIELD ROTOR. E. REWIND STATOR. F. REPLACE STATOR ASSEMBLY. G. REPLACE DESIGNATED OIL DEFLECTORS. NOTE. 1. GENERATOR STATOR SPACE HEATERS TO BE ENERGIZED. 2. SUPSHIP UTILIZE SWT 311-05 FOR GUIDANCE IN DEVELOPING THIS SPECIFICATION.

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:** 3**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-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-31122-078- -MS SSDG AC GEN W/RTR RMV-CLN			MJC: EXECJB59		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,835	ManDays: 63	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31122-078)ROTOR ASSEMBLY REQUIRES REPAIR	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP 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-31122-079- -MS SSDG AC GEN RTD(S)-REPL				MJC: EXECJB62		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,835		ManDays: 63		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31122-079)RESISTIVE TEMPERATURE DETECTOR(S) (RTD) REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE MINE SWEEP SHIP SERVICE DIESEL GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31122-080- -MS SSDG AC GEN IN PLACE-CLN			MJC: EXECJB65		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,835	ManDays: 63	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31122-080)A.C. GENERATOR REQUIRES CLEANING	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP 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-31122-081- -MS SSDG AC GEN BEARINGS-REPL			MJC: EXECJB68		Rev Date: 5/27/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 360	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31122-081)BEARINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP 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: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,500		ManDays: 2		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-31122-106- -SSDG - MRC G1N4			MJC: EXECI693		Rev Date: 8/30/2007					
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: 2	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-31122-106)THE SHIP SERVICE DIESEL GENERATOR REQUIRES ASSESSMENT.	ACCOMPLISH THE SHIP SERVICE DIESEL GENERATOR ASSESSMENT IN ACCORDANCE WITH MRC G1N4 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: I-31122-115- -SSDG VIB TST - MRC G1P1			MJC: EXECIGD3		Rev Date: 7/20/2011
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-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-31122-165- -SSDG ENGINE - OVHL			MJC: EXECQE31		Rev Date: 9/8/2011	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 3	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 90,000	ManDays: 153	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31122-165) THE SSDG ENGINE REQUIRES OVERHAUL.	AT 12,000 HOURS OF OPERATION, OVERHAUL SSDG ENGINE PER S9233-B9-TRS-010. UPON COMPLETION, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.
Reason:	Problem Description:	Recommended Solution:
MCM 1 AND MCM 2	(Q-31122-165) THE SSDG ENGINE REQUIRES OVERHAUL.	AT 12,000 HOURS OF OPERATION, OVERHAUL SSDG ENGINE PER S9233-BM-TRS-010. UPON COMPLETION, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

Task/Abbreviation: I-31122-169- -SSDG - MRC 8VLP				MJC: EXECIIO9		Rev Date: 9/16/2009					
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-31122-169) THE SHIP SERVICE DIESEL GENERATOR REQUIRES ASSESSMENT.	ACCOMPLISH THE SHIP SERVICE DIESEL GENERATOR ASSESSMENT IN ACCORDANCE WITH MRC 8VLP AS FOLLOWS: 1. CONDUCT 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-31122-175- -SSDG RESIL MT - INSP			MJC: EXECIIZ7		Rev Date: 7/20/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	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:
MCM 1 CLASS	(I-31122-175) RESILIENT MOUNTS ON THE SHIP'S SERVICE DIESEL GENERATOR REQUIRES INSPECTION.	ACCOMPLISH THE SHIP SERVICE DIESEL GENERATOR ASSESSMENT IN ACCORDANCE WITH MRC 9HFH AS FOLLOWS: 1. INSPECT RESILIENT MOUNTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-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-31122-176- -SSDG RESIL MT - REPL			MJC: EXECQEJ6		Rev Date: 9/8/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
MCM 1 CLASS	(Q-31122-176)SSDG ENGINE RESILIENT MOUNTS REQUIRE REPLACEMENT.	REPLACE SSDG ENGINE RESILIENT MOUNTS BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. REFER TO NAVSEA S9073-A2-HBK-010, NAVY RESILIENT MOUNT HANDBOOK, FOR REPLACEMENT CRITERIA.

Task/Abbreviation: I-31123-001- -SSDG AC GEN - INSP/ TST**MJC:** EXECI116**Rev Date:** 7/20/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 3**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-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: 3		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-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: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 6,885		ManDays: 153		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-31123-006- -SSDG FUEL INJECTORS - RPR			MJC: EXECQ329		Rev Date: 9/8/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 200	ManDays: 3	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-31123-029- -SSDG AC GEN - ALIGN				MJC: EXECQB84		Rev Date: 7/24/1998					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		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-31123-029)A.C. GENERATOR REQUIRES ALIGNMENT	ALIGN THE A.C. GENERATOR OF THE SHIP SERVICE 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 DIESEL ENGINE. 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. NOTE: GENERATOR ALIGNMENT MUST BE VERIFIED UPON ENGINE REMOVAL/INSTALLATION ONLY.

Task/Abbreviation: Z-31123-030- -SSDG SET - INSP EXCITER				MJC: EXECZ033		Rev Date: 7/30/1998					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	TBD	INSPECT THE GENERATOR AND BRUSHLESS EXCITER IN ACCORDANCE WITH MIP 3112/009-77, MRC 56 8CVM N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YDR N (FOR MHC 51 CLASS SHIPS). MEASURE INSULATION RESISTANCE OF STATOR, ROTOR, AND BRUSHLESS EXCITER AND VERIFY VALUES ARE ACCEPTABLE.

Task/Abbreviation: Z-31123-031- -SSDG SET - TST RELAY				MJC: EXECZ020		Rev Date: 7/30/1998					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				TEST THE GENERATOR SET SOLID-STATE REVERSE POWER RELAY IN ACCORDANCE WITH MIP 3112/009-77, MRC 25 8JXT N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YEC N (FOR MHC 51 CLASS SHIPS).					

Task/Abbreviation: Z-31123-032- -SSDG ENG FDN BOLTS - TORQUE				MJC: EXECZ023		Rev Date: 8/3/1998					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: X		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: X		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				TORQUE THE GENERATOR SET DIESEL ENGINE FOUNDATION BOLTS IN ACCORDANCE WITH MIP 3112/009-77, MRC 47 8HKE N (FOR MCM 1 CLASS SHIPS) OR S9233-C4-MMA-010 (FOR MHC 51 CLASS SHIPS).					

Task/Abbreviation: Z-31123-033- -SSDG SET CONT EQPT - CLN/ INSP				MJC: EXECZ009		Rev Date: 8/3/1998					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: X		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				CLEAN AND INSPECT THE GENERATOR SET CONTROL EQUIPMENT, ENCLOSURES AND CONNECTION BOXES IN ACCORDANCE WITH MIP 3112/009-77, MRC 26 8SNW N (FOR MCM 1 CLASS SHIPS) OR MIP 3112/015-77, MRC 56 8YEE N (FOR MHC 51 CLASS SHIPS).					

Task/Abbreviation: Z-31123-034- -SSDG SET ELASTOMERIC CPLG-INSP				MJC: EXECZ029		Rev Date: 8/5/1998					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				INSPECT THE GENERATOR SET ELASTOMERIC COUPLING RUBBER INSERTS IN ACCORDANCE WITH MIP 3112/009-77, MRC B5 8VZK Y (FOR MCM 1 CLASS SHIPS) OR S9233-C4-MMA-010 FOR MHC 51 CLASS SHIPS.					

Task/Abbreviation: Q-31123-041- -MCM/MHC SSDG AC GEN - RPR**MJC:** EXECQAX3**Rev Date:** 6/5/2000**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 3**Removal Required:****Lvl of Maint:** 1 **Freq:** 0 **Equip/Task:** 1 **Matl Cost:** 2,835 **ManDays:** 63 **Alt No:****Referenced Authority:** **Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31123-041)GENERATOR REQUIRES REPAIR

REMOVE END COVERS & INNER AIR SHIELD OF A.C. GENERATOR OF THE SSDG SET. INSPECT FIELD ROTOR FAN RING ASSEMBLY. MEASURE INSULATION RESISTANCE OF THE FIELD & STATOR WINDINGS. VERIFY CONTINUITY OF REMOTE TEMPERATURE DETECTOR CIRCUITRY. RECORD AS-FOUND & POST-REPAIR CLEARANCES. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP. CLEAN BRUSH RIGGING IN-PLACE WITH APPROVED SOLVENT. REPLACE/SEAT COLLECTOR RING BRUSHES. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING JOINT SEALANTS & NEW GASKETS. ACCOMPLISH SATISFACTORY OPERATIONAL TEST & VIBRATION ANALYSIS SURVEY. A. CLEAN STATOR AND ROTOR WINDINGS. PROVIDE INSULATION RESISTANCE READINGS ON COMPLETION. B. MACHINE/POLISH COLLECTOR RING ASSEMBLY IN-PLACE. C. REWIND FIELD. D. REPLACE FIELD ROTOR. E. REWIND STATOR. F. REPLACE STATOR ASSEMBLY. G. REPLACE DESIGNATED OIL DEFLECTORS. NOTE. 1. GENERATOR STATOR SPACE HEATERS TO BE ENERGIZED. 2. SUPSHIP UTILIZE SWT 311-05 FOR GUIDANCE IN DEVELOPING THIS SPECIFICATION.

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:** 3**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-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-31123-078- -MS SSDG AC GEN W/RTR RMV-CLN			MJC: EXECJB60		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 25,670	ManDays: 52	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31123-078)ROTOR ASSEMBLY REQUIRES REPAIR	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP 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-31123-079- -MS SSDG AC GEN RTD(S)-REPL				MJC: EXECJB63		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,150		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31123-079)RESISTIVE TEMPERATURE DETECTOR(S) (RTD) REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD CONTINUITY OF RTD(S) CIRCUITRY OF THE A.C. GENERATOR OF THE MINE SWEEP SHIP SERVICE DIESEL GENERATOR SET. REPLACE DEFECTIVE RTD(S). VERIFY CONTINUITY OF RTD(S) CIRCUITRY. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-31123-080- -MS SSDG AC GEN IN PLACE-CLN			MJC: EXECJB66		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	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-31123-080)A.C. GENERATOR REQUIRES CLEANING	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP 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-31123-081- -MS SSDG AC GEN BEARINGS-REPL			MJC: EXECJB69		Rev Date: 5/27/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 23,850	ManDays: 9	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31123-081)BEARINGS REQUIRE REPLACEMENT	OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE A.C. GENERATOR OF THE MINE SWEEP 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: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,500		ManDays: 2		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-31123-106- -SSDG - MRC G1N4**MJC:** EXECI710**Rev Date:** 8/30/2007**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:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-31123-106)THE SHIP SERVICE DIESEL
GENERATOR REQUIRES ASSESSMENT.ACCOMPLISH THE SHIP SERVICE DIESEL GENERATOR ASSESSMENT
IN ACCORDANCE WITH MRC G1N4 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: I-31123-115- -SSDG VIB TST - MRC G1P1			MJC: EXECIGD4		Rev Date: 7/20/2011
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-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-31123-117- -SSDG CRIT HOSE - REPL			MJC: EXECQCS9		Rev Date: 12/15/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31123-117) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE SHIP SERVICE 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 SHIP SERVICE 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: Q-31123-166- -SSDG ENGINE - OVHL			MJC: EXECQE32		Rev Date: 9/8/2011
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 90,000	ManDays: 153	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31123-166) THE SSDG ENGINE REQUIRES OVERHAUL.	AT 12,000 HOURS OF OPERATION, OVERHAUL SSDG ENGINE PER S9233-B9-TRS-010. UPON COMPLETION, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.
Reason:	Problem Description:	Recommended Solution:
MCM 1 AND MCM 2	(Q-31123-166) THE SSDG ENGINE REQUIRES OVERHAUL.	AT 12,000 HOURS OF OPERATION, OVERHAUL SSDG ENGINE PER S9233-BM-TRS-010. UPON COMPLETION, ADJUST CLEARANCES TO MANUFACTURER'S SPECIFICATIONS. ENSURE SATISFACTORY ALIGNMENT BETWEEN DIESEL ENGINE AND GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. PROVIDE A QUALIFIED MANUFACTURER'S TECHNICAL REPRESENTATIVE TO ASSIST IN ACCOMPLISHING THE REPAIRS AND OPERATIONAL TESTING.

Task/Abbreviation: I-31123-170- -SSDG - MRC 8VLP				MJC: EXECIIP0		Rev Date: 9/16/2009					
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-31123-170) THE SHIP SERVICE DIESEL GENERATOR REQUIRES ASSESSMENT.	ACCOMPLISH THE SHIP SERVICE DIESEL GENERATOR ASSESSMENT IN ACCORDANCE WITH MRC 8VLP AS FOLLOWS: 1. CONDUCT 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-31123-173- -SSDG RESIL MT - INSP			MJC: EXECIIZ8		Rev Date: 7/20/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	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:
MCM 1 CLASS	(I-31123-173) RESILIENT MOUNTS ON THE SHIP'S SERVICE DIESEL GENERATOR REQUIRES INSPECTION.	ACCOMPLISH THE SHIP SERVICE DIESEL GENERATOR ASSESSMENT IN ACCORDANCE WITH MRC 9HFH AS FOLLOWS: 1. INSPECT RESILIENT MOUNTS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-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-31123-174- -SSDG RESIL MT - REPL				MJC: EXECQEJ7		Rev Date: 9/8/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,500		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
MCM 1 CLASS	(Q-31123-174)SSDG ENGINE RESILIENT MOUNTS REQUIRE REPLACEMENT.	REPLACE SSDG ENGINE RESILIENT MOUNTS BASED ON CONDITION ASSESSMENT RECOMMENDATIONS. REFER TO NAVSEA S9073-A2-HBK-010, NAVY RESILIENT MOUNT HANDBOOK, FOR REPLACEMENT CRITERIA.

Task/Abbreviation: I-31421-001- -400HZ MG SET - INSP/ TST			MJC: EXECI125		Rev Date: 10/27/2010
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-31421-001)THE 400-HZ MOTOR- GENERATOR SET REQUIRES INSPECTION	ACCOMPLISH AN INSPECTION AND OPERATIONAL TEST OF THE 400-HZ MOTOR GENERATOR SET. REPORT CONDITIONS FOUND TO THE SHIP'S CSMP TO INCLUDE: A. CONTROLLER / CONTROL PANEL B. COOLER(S) C. COUPLING D. FOUNDATION E. GENERATOR F. INSTRUMENTATION G. MOTOR H. MOUNTS, RESILIENT I. 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-31421-002- -400HZ MG SET - RPR			MJC: EXECQ357		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,835	ManDays: 63	Alt No:	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-31421-002)400HZ GENERATOR REQUIRES REPAIR	ACCOMPLISH REPAIRS TO THE FOLLOWING DESIGNATED COMPONENTS OF THE 400-HZ MOTOR 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: A-31421-007- -AER MCM1-00844 - ACCOMP			MJC: EXTYA522		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:	ManDays:	Alt No: TYMCM 00844
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-31421-7) AER MCM1-00844, UPGRADE 400HZ MG VFM, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00844 WHICH REWIRES THE SHUNT TRIP VOLTAGE/FREQUENCY MONITOR CIRCUIT TO PREVENT THE SHUNT TRIP FROM BEING DISABLED WHEN THE MG PARALLELING SWITCH IS ON. CORRECTS AN AS-BUILT DEFICIENCY TO ENSURE THE 400 HZ MG OUTPUT BREAKER TRIPS OPEN UPON LOSS OF 60 HZ POWER.

Task/Abbreviation: Q-31421-010- -400HZ MG SET SLIP RINGS-REPL**MJC:** EXECJE52**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:** 500**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-31421-010)SLIP RINGS REQUIRE REPLACEMENT

OPEN, INSPECT, AND RECORD END BELL, BEARINGS, AND AIR GAP CLEARANCES OF THE 400-HZ MOTOR 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-31421-011- -400HZ MG SET BRUSHES-REPL				MJC: EXECJE53		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: 100		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-31421-011)BRUSHES REQUIRE REPLACEMENT				OPEN AND INSPECT THE 400-HZ MOTOR GENERATOR SET. REPLACE AND ADJUST BRUSHES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: I-31421-024- -MG SET VIB TST - MRC G1P1			MJC: EXECIGE1		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-31421-024)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-31421-025- -SHIPALT MCM1-70298K - ACCOMP			MJC: EXECIGQ8		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:	Alt No: SAMCM 70298 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-31421-25) SHIPALT MCM1-70298K, SHIP SERVICE 400HZ UPGRADE, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-70298K WHICH REMOVES THE 2 EXISTING 5KW MOTOR GENERATORS. INSTALL 2 FULLY QUALIFIED 5KW STATIC FREQUENCY CONVERTERS. MCM AND MHC CLASS SHIPS UTILIZE 1960S TECHNOLOGY MOTOR GENERATOR (MG) SETS TO PROVIDE SHIP SERVICE 400HZ POWER. MGS HAVE PROVEN TO BE MECHANICALLY AND ELECTRICALLY UNRELIABLE. THESE MG SETS HAVE BRUSHES AND SLIP RING, WHICH WEAR OVER TIME. CONSEQUENTLY, CARBON DUST ACCUMULATES INSIDE THE MG. THIS DUST LOWERS THE INSULATION RESISTANCE, AND FAILURE BECOMES IMMINENT. CORRECTIVE ACTION IS LABOR-INTENSIVE AND REQUIRES GREAT SKILL IN ORDER TO ENSURE THAT THE MG SET WILL FUNCTION PROPERLY. THIS MAINTENANCE IS NOT ONLY A BURDEN FOR SHIPS FORCE, BUT IS EXTREMELY COSTLY. POC: JIM FAZIO, 202-781-4372, JAMES.FAZIO@NAVY.MIL.

Task/Abbreviation: I-31431-001- -STATIC FREQ CONV - INSP/TST**MJC:** EXECI126**Rev Date:** 10/27/2010**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

(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-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:** 25**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 9304.1DWITHIN 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 HOMEPOR
RMC-MAINTENANCE TEAM. DOCUMENT ALL CATEGORY 1, 2, AND 3
DISCREPANCIES IN THE SHIP'S CSMP.

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: A-32123-006- -AER MCM1-00813 - ACCOMP				MJC: EXTYA851		Rev Date: 6/23/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:		Alt No: TYMCM 00813	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(A-32123-6) AER MCM1-00813, MISC RECEPTACLE MOD, NOT ACCOMPLISHED				ACCOMPLISH AER MCM1-00813, MISC RECEPTACLE MOD.					

Task/Abbreviation: I-32411-001- -SS SWGR - CLN/INSP/ TST**MJC:** EXECI128**Rev Date:** 5/10/2011**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

(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-32411-003- -DISTR LD CENTERS -CLN/INSP/TST**MJC:** EXECI130**Rev Date:** 5/10/2011**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-32411-003)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:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 2**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-32411-032- -AER MCM1-00712 - ACCOMP			MJC: EXTYA528		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:	Alt No: TYMCM 00712
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-32411-32) AER MCM1-00712, SILVER PLATED FUSE FERRULES, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00712 WHICH INSTALL SILVER-PLATED FUSES IN PLACE OF NICKEL PLATED FUSES IN THE POWER DISTRIBUTION SYSTEM.

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: O-32411-054- -FC 1 CLARY NOVA - ACCOMP			MJC: EXSAO069		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: FC 1 CLARY NOV
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-32411-54) FC 1 CLARY NOVA, UPS FUSE HOLDER SAFETY CVR, NOT ACCOMPLISHED	ACCOMPLISH FC 1 CLARY NOVA WHICH AVOIDS A POTENTIAL FIRE/SHOCK HAZARD WITH CLARY/NOVA SRN SERIES UNINTERRUPTIBLE POWER SUPPLY (UPS) INSTALLED AND IDENTIFIED AS FOLLOWS: IF IT HAS A NOVA SRN SERIES AND A STICKER WITH 900VA, 1250VA, 1500VA OR 2000VA ON THE UPPER LEFT SIDE OF THE FRONT PANEL AND UNIT PRODUCTION DATE IS PRIOR TO NOVEMBER 2000. MODEL NUMBERS ON NAMEPLATES ON RIGHT SIDE OF RACK WITH VARIOUS SUFFIXES (I.E., -I, -J, -K) UPS1-2K-1G-SRN; UPS1-1.5K-SRN; UPS1-1.25K-1G-SRN; UPS1-650-1G-SRN. THE CONTROL SYSTEM IS ON THE LEFT AND THE VENTILATION FILTER ON THE RIGHT. BATTERY FUSE HOLDER IS LOCATED TO THE LEFT OF THE POWER SWITCH.

Task/Abbreviation: O-32411-056- -FC 2 CLARY NOVA - ACCOMP				MJC: EXFCO001		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: FC 2 CLARY NOV	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-32411-56) FC 2 CLARY NOVA, UPS FUSE HOLDER SAFETY CVR, NOT ACCOMPLISHED	ACCOMPLISH FC 2 CLARY NOVA WHICH PERMANENTLY CORRECTS A POTENTIAL FIRE/SHOCK HAZARD WHICH HAS BEEN IDENTIFIED FOR THE CLARY NOVA SRN SERIES UPS. PERSONNEL CAN BE SUBJECT TO ELECTRICAL SHOCK WHEN TOUCHING THE FRONT PANEL BATTERY FUSE HOLDER RING EVEN THOUGH THE FUSE HAS BEEN REMOVED. FIELD CHANGE 1 WAS AN INTERIM SOLUTION TO THIS PROBLEM AND INVOLVED REPLACING THE POWER SWITCH GUARD WITH A POWER SWITCH/FUSE HOLDER SAFETY COVER. CLARY CORPORATION ENGINEERS IN CONSULTATION WITH THE NAVY HAVE DETERMINED THAT THERE IS NO REQUIREMENT FOR THE FRONT PANEL BATTERY HOSE.

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: A-32411-072- -AER MCM1-60202 - ACCOMP				MJC: EXTYA976		Rev Date: 6/30/2008					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 175		ManDays: 8		Alt No: TYMCM 60202	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-32411-72) AER MCM1-60202, FUSE BLOCK COVER, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-60202 WHICH INSTALLS A FABRICATED COVER ON THE FUSED BLOCK PORTION OF AQB-A101, AQBA102, and AQB-A103 FUSED CIRCUIT BREAKERS. THE COVER IS ATTACHED WITH NYLON SCREWS USING THE EXISTING THREADED HOLES IN THE FUSE BLOCK.

Task/Abbreviation: A-32411-081- -AER MCM1-00724 - ACCOMP			MJC: EXTAA82		Rev Date: 2/12/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 25,000	ManDays: 7	Alt No: TYMCM 00724
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-32411-81) AER MCM1-00724, CIRCUIT BREAKER SETTING MOD, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00724 WHICH REPLACES THE EXISTING SSDG AND BUS TIE 903R CIRCUIT BREAKERS WITH IDENTICAL 902R CIRCUIT BREAKERS THAT HAVE MODIFIED INSTANTANEOUS AND SHORT TIME DELAY TRIP SETTINGS. ENSURE COORDINATION OF TRIP SETTINGS WITH THE REST OF THE POWER DISTRIBUTION SYSTEM.

Task/Abbreviation: A-32411-091- -AER MCM1-76101 - ACCOMP**MJC:** EXTAAAS1**Rev Date:** 6/15/2011**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:** SA 76101**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(A-32411-91) AER MCM1-76101, REPLACE DOSSERT
LUG CONNECTORS, NOT ACCOMPLISHEDREPLACES 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: D-34210-007- -SHIPALT MCM1-73276D - ACCOMP			MJC: EXSAD643		Rev Date: 1/14/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10	ManDays: 23	Alt No: SAMCM 73276 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-34210-7) SHIPALT MCM1-73276D, INSTL OF AN INTEGRATED DIESEL, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-73276D WHICH 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: 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: 155	ManDays: 9	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: 419		ManDays: 6		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			

Reason:	Problem Description:	Recommended Solution:
MCM 1 AND MHC 5	(R-40711-007)DEFECTS OR CASUALTIES DISCOVERED DURING IEMC INSPECTION/TESTING REQUIRE CORRECTION.	PROVIDE 3 MANDAYS OF LABOR/TECHNICAL SERVICES AND 200 DOLLARS OF MATERIAL TO CORRECT GOVERNMENT RESPONSIBLE DEFECTS OR CASUALTIES DISCOVERED DURING GOVERNMENT EMI SURVEY TEAM IEMC INSPECTION/TESTING. NOTE: THIS ITEM COVERS IEMC DISCREPANCIES NOT ALREADY COVERED ELSEWHERE.

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: 319	ManDays: 5	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:** 160**ManDays:** 9**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: 67	ManDays: 5	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: A-42111-005- -AER MCM1-00751 - ACCOMP			MJC: EXTYA538		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:	Alt No: TYMCM 00751
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-42111-5) AER MCM1-00751, MAGNETIC COMPASS RELOC, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00751 WHICH RELOCATES MAGNETIC COMPASS FROM IN FRONT OF STEERING CONSOLE TO ON TOP OF CONSOLE.

Task/Abbreviation: D-42111-010- -SHIPALT MCM1-76853D - ACCOMP**MJC:** CXSAD030**Rev Date:** 6/16/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 12,000**ManDays:** 20**Alt No:** SAMCM 76853 D**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(D-42111-10) SHIPALT MCM1-76853D, MAGNETIC
COMPASS SYS TECH REFR, NOT ACCOMPLISHED

ACCOMPLISH SHIPALT MCM1-76853D WHICH REPLACES THE MAGNETIC COMPASS SYSTEM WITH THE MV103DG DIGITAL FLUX GATE MAGNETIC COMPASS SYSTEM. THE MV103DG SYSTEM IS FULLY SUPPORTED BY NAVICP. IT PROVIDES ELECTRONIC INTERFACE CAPABILITIES WITH MANY SYSTEMS AND REDUCES THE TOTAL MAN HOURS REQUIRED FOR OPERATIONAL MAINTENANCE. DUE TO THE NORMAL CHANGES IN A SHIP'S MAGNETIC SIGNATURE, EXISTING COMPASS SYSTEMS REQUIRE FREQUENT, TIME CONSUMING MECHANICAL ADJUSTMENTS TO MAINTAIN ALIGNMENT. THE DFGMC SYSTEM DOES THIS FUNCTION ELECTRONICALLY. INITIAL CALIBRATION IS ACCOMPLISHED TWICE; ONCE WITH THE DEGAUSSING SYSTEM "ON" AND ONCE WITH IT "OFF". THIS DUAL CALIBRATION FEATURE ALLOWS THE SYSTEM TO AUTOMATICALLY SHIFT CALIBRATION STATES TO COINCIDE WITH THE DEGAUSSING SYSTEM. THE AUTO-CAL FUNCTION ALLOWS THE SYSTEM TO UPDATE ITSELF AS THE SHIPS MOVES THROUGH THE WATER. THIS FUNCTION ELIMINATES THE NEED FOR MANUALLY MAINTAINING A COMPASS CARD OR MAGNETIC COMPASS LOGS. POC: KURT NEFF, 202-781-3640, KURT.NEFF@NAVY.MIL

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: 2	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 COMNAVSEASYSKOM 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: I-42311-001- -AN/SSN-2 PINS - INSP/TST				MJC: CEXECICY6		Rev Date: 11/8/2010					
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:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-42311-001)THE AN/SSN-2 (V) OR AN/SSN-2 (V)5 PRECISE INTEGRATED NAVIGATION SYSTEM (PINS) REQUIRES INSPECTION.	INSPECT AND TEST THE AN/SSN-2 (V) OR AN/SSN-2 (V)5 PRECISE INTEGRATED NAVIGATION SYSTEM (PINS) INCLUDING ANTENNA, DISPLAYS INDICATORS, PLOTTER, PRINTER, AND TRANSDUCERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-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-42311-002- -SHIPALT MCM1-70472K - ACCOMP**MJC:** CXSAK327**Rev Date:** 2/16/2010**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:** SAMCM 70472 K**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-42311-2) SHIPALT MCM1-70472K, AN/SSN-2 PINS
(V)5 UPGRADE, NOT ACCOMPLISHEDACCOMPLISH SHIPALT MCM1-70472K WHICH REPLACES THE
EXISTING HARDWARE WITH COMMERCIAL OFF THE SHELF (COTS)
ITEMS. ADDITIONALLY THE ALTERATON WILL INCLUDE HARDWARE
AND SOFTWARE TO PROVIDE AN ECDIS-N QUALIFIED SYSTEM
ONBOARD. THE NAVC2 IS AN OPEN ARCHITECTURE COMMON
NAVIGATION SYSTEM THAT UTILIZES THE BEST QUALITIES OF THE
AN/SSN-2 PRECISE NAVIGATION SYSTEM (PINS)SYSTEM AND THE
AN/SYQ-13 SYSTEM, BUILDS UPON THE SW DEVELOPED FOR ECWS,
AND INCORPORATES AN ECDIS-N APPROVED NAVIGATION SYSTEM.
THE NAVC2 CONSISTS OF TWO Q-70 VARIANT CONSOLS AND THREE
EQUIPMENT RACKS, PROVIDES AN INTEGRATED SYSTEM WITH AN
OPEN ARCHITECTURE THAT FACILITATES CIC OPERATIONS,
INCORPORATES ECDIS-N VMS CAPABILITY, PROVIDES FOR
FUNCTIONAL REDUNDANCY, ALLOWS FOR GROWTH AND REDUCES
PLATFORM RISK. POC: CHRIS MEUNIER, 850-235-5898,
CHRISTOPHER.MEUNIER@NAVY.MIL OR TOBY O'HARA, 202-454-8442,
TOHARA,@CACI.COM OR MICHELLE PARSONS, 850-636-2719,
MICHELLE.PARSONS@NAVY.MIL

Task/Abbreviation: O-42311-003- -FC 74145 AN/SSN-2(V)5 - ACCOMP			MJC: CXSAO776		Rev Date: 8/21/2007
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 74145
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-42311-3) FC 74145 AN/SSN-2(V)5 NAVC2, UPDATE NAVC2 SOFTWARE, NOT ACCOMPLISHED	ACCOMPLISH FC 74145 AN/SSN-2(V)5 NAVC2 WHICH INCREASES REDUNDANT CAPABILITIES, ELIMINATES OBSOLESCENCE ISSUES, AND PROVIDES IMPROVED COMBAT SYSTEMS INTEROPEABILITY THROUGH THE IMPLEMENTATION OF A LAN CONNECTION BETWEEN ALL MCM COMBAT INFORMATION CENTER SYSTEMS (I.E. AN/SSQ-94, AN/SQQ-32 AND AN/SQH-4B). POC: CHIS MEUNIER, 850-235-5898, CHRISTOPHER.MEUNIER@NAVY.MIL OR GEORGE SAROCH, 202-781-3621, GEORGE.SAROCH@NAVY.MIL

Task/Abbreviation: K-42311-005- -EC 77385 AN/SSN-2(V)5 - ACCOMP**MJC:** EXSAKAD4**Rev Date:** 7/1/2011**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 77385**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-42311-5) EC 77385 AN/SSN-2(V)5, AN/SSN-2(V)5
SOFTWARE VERSION, NOT ACCOMPLISHEDACCOMPLISH EC 77385 AN/SSN-2(V)5 WHICH INSTALLS PINS(V)5
SOFTWARE DESIGNATED AS BUILD 3.0 WHICH WILL BE ABLE TO BE
USED ON ALL PINS(V)5 SYSTEMS. THIS RESOLVES OUTSTANDING
ISSUES WITH THE INTERNAL NAVIGATION ALGORITHM AND OTHER
HIGH PRIORITY ITEMS ALONG WITH THE ADDITION OF NEW
INTERFACES TO ALLOW COMMUNICATIONS BETWEEN HIGH
FREQUENCY WIDE BAND SONAR, EXPENDABLE MINE
NEUTRALIZATION SYSTEM AND PINS(V)5 IF INSTALLED. POC:
EDWARD BENNER, 850-234-4389, EDWARD.BENNER@NAVY.MIL OR
MICHELLE PARSONS, 850-636-2719, MICHELLE.PARSONS@NAVY.MIL

Task/Abbreviation: O-42311-006- -FC 74145 R1 AN/SSN-2 - ACCOMP			MJC: CXSAOAB4		Rev Date: 6/4/2009
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: FC 74145 R1
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-42311-6) FC 74145 R1 AN/SSN-2(V)5 NAVC2, UPDATE NAVC2 SOFTWARE, NOT ACCOMPLISHED	ACCOMPLISH FC 74145 R1 AN/SSN-2(V)5 NAVC2 WHICH INSTALLS AN UPGRADED NAVC2 WSA. THIS INCREASES REDUNDANT CAPABILITIES, ELIMINATES OBSOLESCENCE ISSUES, AND PROVIDES IMPROVED COMBAT SYSTEMS INTEROPEABILITY THROUGH THE IMPLEMENTATION OF A LAN CONNECTION BETWEEN ALL MCM COMBAT INFORMATION CENTER SYSTEMS (I.E. AN/SSQ-94, AN/SQQ-32 AND AN/SQH-4B). POC: CHIS MEUNIER, 850-235-5898, CHRISTOPHER.MEUNIER@NAVY.MIL OR GEORGE SAROCH, 202-781-3621, GEORGE.SAROCH@NAVY.MIL OR MICHELLE PARSONS, 850-636-2719, MICHELLE.PARSONS@NAVY.MIL

Task/Abbreviation: K-42311-008- -FC 79065 AN/SSN-2(V)5 - ACCOMP			MJC: EXSAO566		Rev Date: 7/1/2011
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: FC 79065 K
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-42311-8) FC 79065 AN/SSN-2(V)5 PINS, DCX SERVER SUSTAINMENT TYPE II, NOT ACCOMPLISHED	ACCOMPLISH FC 79065 AN/SSN-2(V)5 PINS, WHICH REPLACES THE DCO SERVERS TO MITIGATE INCREASING FLEET CASREPS, REGAIN PINS READINESS OBJECTIVES AND REDUCE THE COST IMPACT TO SHIPS OPTAR. A NEW INTEL BASED CPU MOTHERBOARD HAS BEEN CHOSEN TO REPLACE THE AMD VERSION DCO COMPUTERS. THE NEW MOTHERBOARD HAS DEMONSTRATED HIGH RELIABILITY IN-SERVICE, AND MEETS THE FORM FIT AND FUNCTION OF THE PROCESSOR REQUIREMENTS. POC: MICHELLE PARSONS, 850-636-2719, MICHELLE.PARSONS@NAVY.MIL.

Task/Abbreviation: K-42315-017- -SHIPALT MCM1-00304K - ACCOMP			MJC: CXSAK089		Rev Date: 11/10/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10,000	ManDays: 5	Alt No: SAMCM 00304 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-42315-17) SHIPALT MCM1-00304K, GPS ANTENNA SYSTEM (GAS) 1 GROUND PLANE (GP) AS-4564/SRN, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT MHC51-00304K, GPS ANTENNA SYSTEM (GAS) 1 GROUND PLANE (GP) AS-4564/SRN WHICH PROVIDES IMPROVED GPS ANTI-JAM CAPABILITY TO THE AN/WRN-6(V)GPS SYSTEM INSTALLED IN SURFACE SHIPS. THE GAS-1(GP) ANTENNA REPLACES THE EXISTING AS-3819B/SRN. REUSES THE TWO ANTENNA CABLES. ADDS A NEW CABLE FOR DISCRETE CONTROL SIGNALS BETWEEN THE R-2331/URN RADIO RECEIVER AND THE NEW ANTENNA AND PROVIDES THE ANTENNA WITH 115 VOLTS 60 HZ.

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: I-42315-028- -AN/PSN-11, 13 GPS - INSP/TST			MJC: CXECICQ5		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-42315-035- -AS-4566 ANTENNA- MRC MH32			MJC: CEXECICY2		Rev Date: 10/27/2010
RCM Analysis: 12/24/2003	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:	Problem Description:	Recommended Solution:
BASELINE	(I-42315-035)THE AS-4564/AS-4566/AS-4617 ANTENNA OF THE AN/WRN-6(V)() SATELLITE NAVIGATION RADIO SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AS-4564/AS-4566/AS-4617 ANTENNA OF THE AN/WRN-6(V)() SATELLITE NAVIGATION RADIO SET ASSESSMENT IN ACCORDANCE WITH MRC MH32 AS FOLLOWS: 1. CLEAN AND INSPECT ANTENNA AS-4564/AS-4566/AS-4617. 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: K-42315-046- -SHIPALT MCM1-71386K - ACCOMP			MJC: EXSAK956		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: 0	Alt No: SAMCM 71386 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-42315-46) SHIPALT MCM1-71386K, ADV DIG ANT PROD (ADAP), NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT MCM1-71386K WHICH REPLACES EXISTING GPS ANTENNA AS-3819/SRN, AS-4564/SRN, AS-4565/SRN, OR AS-4566/SRN WITH THE ADVANCED DIGITAL ANTENNA PRODUCTION (ADAP) SYSTEM. EXISTING FIBER OPTIC AND POWER CABLES TESTED AND REUSED WHEN APPLICABLE. FIELD CHANGE REQUIRED TO NAVIGATION SENSOR SYSTEM INTERFACE (NAVSSI) REAL TIME SYSTEM (RTS) FIBER OPTIC ANTENNA LINK (FOAL) DRAWER; NAVSSI SOFTWARE MUST BE UPGRADED TO VERSION 4.2.X, WHEN APPLICABLE. POC: KARI ATKINS, 858-537-8621, KARI.ATKINS@NAVY.MIL OR LUCY GERENA, 858-537-8765, LUCIA.GERENA@NAVY.MIL OR DAVE VIERA, 619-278-3629, DVIERA@DCSCORP.COM

Task/Abbreviation: K-42315-064- -S/A 11220 AN/PSN-13 - ACCOM			MJC: CEXECIDU1		Rev Date: 8/17/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: 11220
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-42315-064)MCM1 SCD 11220 AN/PSN-13 DAGR NOT ACCOMPLISHED	THIS SCD REPLACES THE AN/PSN-11A PLGR WITH THE AN/PSN-13 DAGR UNIT IN THE PILOT HOUSE AND A NEW ANTENNA WILL BE INSTALLED TO SUPPORT THE AN/PSN-13 UNIT. THE AN/PSN-13 UNIT WILL BE PROGRAMMED FROM THE AN/SSN-2(V)5 SYSTEM THROUGH A GRAPHICAL USER INTERFACE. THE SOFTWARE MODIFICATIONS FOR THE AN/SSN-2(V)5 SYSTEM WILL BE HANDLED THROUGH SCD 77385 TO BE INSTALLED AT THE SAME TIME AS THIS MODIFICATION. PARM POC MEGAN CRAMER, NAVAL SEA SYSTEMS COMMAND, 202-781-3937 megan.cramer@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: CEXECQ018		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() XDCC - 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: 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: O-42411-024- -EC 72589 RT-888A - ACCOMP				MJC: CXSAO607		Rev Date: 2/16/2010					
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: EC 72589	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-42411-24) EC 72589 RT-888A/UQN-4A, RS-422 INTERFACE, NOT ACCOMPLISHED	ACCOMPLISH EC 72589 RT-888A/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 OR CHRIS MEUNIER, 850-235-5848, CHRISTOPHER.MEUNIER@NAVY.MIL OR GEORGE SAROCH, 202-781-3621, GEORGE.SAROCH@NAVY.MIL

Task/Abbreviation: O-42411-025- -EC 75285 UQN-4A - ACCOMP**MJC:** CXSAO863**Rev Date:** 2/16/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:****Alt No:** EC 75285**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-42411-25) EC 75285 RT-888A/UQN-4A, UQN-4A
BSP BSC MOD, NOT ACCOMPLISHED

ACCOMPLISH EC 75285 RT-888A/UQN-4A, WHICH SUPPORTS THE AN/SQH-4B UPGRADE PROGRAM BY INSTALLING A CONNECTOR AND CIRCUIT CARD ASSEMBLY IN THE AN/UQN-4A SYSTEM. THE CIRCUIT CARD ASSEMBLY MOUNTS NEAR THE UQN-4A TRANSMIT PULSE CABLE AND HAS A CURRENT METER SENSOR WHICH PROVIDES TRANSMIT DATA TO EXTERNAL AN/SQH-4B EQUIPMENT THROUGH THE ADDED CONNECTOR. THE CONNECTOR IS CABLED TO AN EXTERNAL BOX LOCATED IN THE MCM CLASS CHART ROOM. THE EXTERNAL BOX (SCD 674) CONVERTS THE TRANSMIT DATA FROM ANALOG TO DIGITAL AND SENDS THE DIGITAL SIGNAL TO THE NAVC2 SYSTEM. IT IS CONVERTED TO USABLE DATA WITHIN A PCI CARD MOUNTED WITHIN A NAVC2 SERVER. THE BSP SYSTEM SOFTWARE RESIDES ON THE NAVC2 SYSTEM AND WILL ACCESS THE DATA FOR USE IN THE BOTTOM SEDIMENT CLASSIFIER SUBSYSTEM. THIS CHANGE WILL BE INSTALLED CONCURRENT TO SCD 674. POC: CHRIS MEUNIER, 850-235-5898, CHRISTOPHER.MEUNIER@NAVY.MIL OR THOMAS CALLAHAN, 757-836-3439, THOMAS.CALLAHAN1@NAVY.MIL OR SETH BURMASTER, 215-897-1940, SETH.BURMASTER@NAVY.MIL OR REGINALD TUBBS, 757-578-3370 OR 757-443-3872, REGINALD.TUBBS@NAVY.MIL

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-42611-002- -MASTER GCMP5 - RPR/TST			MJC: CXECQ020		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,000	ManDays: 80	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-42611-002)MASTER GYROCOMPASS SYSTEM REQUIRES REPAIR	REPAIR THE MASTER GYROCOMPASS SYSTEMS PER CONDITION ASSESSMENT RECOMMENDATIONS, IN ACCORDANCE WITH THE APPLICABLE TECHNICAL MANUAL OR AS FOLLOWS: A. REMOVE, DISASSEMBLE, CLEAN AND EXAMINE COMPONENT PARTS. B. REPLACE PARTS FOUND UNSUITABLE FOR FURTHER USE. C. INSTALL NEW BEARINGS, SEALS, GASKETS, ANVIL ASSEMBLY, PLUNGER GYROSPHERE, CONTACT ASSEMBLY, TERMINAL ASSEMBLY AND RETAINER. D. REPLACE OIL. E. CLEAN AND PRESERVE GYRO COMPASS EQUIPMENT ENCLOSURE. F. REINSTALL AND CONNECT EQUIPMENT. G. TEST AND CALIBRATE EQUIPMENT INCLUDING TURNTABLE AND SMALL ANGLE SCROSBY TEST (MIL-C-15952, PART 4). H. SETTLE COMPASS ON MERIDIAN AND ALIGN BY SUN AZIMUTHS. I. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

Task/Abbreviation: Q-42611-003- -AUX GCMPs - RPR/TST			MJC: CXECQ021		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-42611-003)AUXILIARY GYROCOMPASS SYSTEM REQUIRES REPAIR	REPAIR THE AUXILIARY GYROCOMPASS SYSTEMS PER CONDITION ASSESSMENT RECOMMENDATIONS, IN ACCORDANCE WITH THE APPLICABLE TECHNICAL MANUAL OR AS FOLLOWS: A. REMOVE, DISASSEMBLE, CLEAN AND EXAMINE COMPONENT PARTS. B. REPLACE PARTS FOUND UNSUITABLE FOR FURTHER USE. C. INSTALL NEW BEARINGS, SEALS, GASKETS, ANVIL ASSEMBLY, PLUNGER GYROSPHERE, CONTACT ASSEMBLY, TERMINAL ASSEMBLY AND RETAINER. D. REPLACE OIL. E. CLEAN AND PRESERVE GYRO COMPASS EQUIPMENT ENCLOSURE. F. REINSTALL AND CONNECT EQUIPMENT. G. TEST AND CALIBRATE EQUIPMENT INCLUDING TURNTABLE AND SMALL ANGLE SCROSBY TEST (MIL-C-15952, PART 4). H. SETTLE COMPASS ON MERIDIAN AND ALIGN BY SUN AZIMUTHS. I. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.

Task/Abbreviation: A-42611-008- -AER MCM1-00742 - ACCOMP			MJC: EXTYA539		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:	Alt No: TYMCM 00742
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-42611-8) AER MCM1-00742, SPEED & COURSE INDIC NEAR MCC, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00742 WHICH INSTALLS A DIGITAL SHIPS COURSE INDICATOR IN CCS (1-77-0-C) ABOVE THE MCC THAT CAN BE VIEWED READILY BY THE CHENG. PROVIDES SUPPORTING CABLING AND FOUNDATION.

Task/Abbreviation: I-42611-009- -AN/WSN-2 GCMPs - MRC 4JJP			MJC: CXECI213		Rev Date: 7/21/2005					
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-42611-009)THE AN/WSN-2 GYROCOMPASS REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WSN-2 GYROCOMPASS ASSESSMENT IN ACCORDANCE WITH MRC 4JJP AS FOLLOWS: 1. PERFORM AN/WSN-2 OR AN/WSN-2A ANGLE TRANSMISSION 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-42611-010- -AN/WSN-2 GCMPs - MRC 6UJF			MJC: CXECI214		Rev Date: 7/21/2005					
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-42611-010)THE AN/WSN-2 GYROCOMPASS REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WSN-2 GYROCOMPASS ASSESSMENT IN ACCORDANCE WITH MRC 6UJF AS FOLLOWS: 1. PERFORM AN/WSN-2 OR AN/WSN-2A GYROCOMPASS OPERATOR 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-42611-011- -AN/WSN-2 GCMPs - MRC 6UJG			MJC: CXECI215		Rev Date: 7/21/2005					
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-42611-011)THE AN/WSN-2 GYROCOMPASS REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WSN-2 GYROCOMPASS ASSESSMENT IN ACCORDANCE WITH MRC 6UJG AS FOLLOWS: 1. OPERATE AN/WSN-2 OR AN/WSN-2A GYROCOMPASS IN AUTO CAL 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-42611-012- -AN/WSN-2 GCMPs - MRC 8MUF			MJC: CXECI216		Rev Date: 7/21/2005					
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-42611-012)THE AN/WSN-2 GYROCOMPASS REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WSN-2 GYROCOMPASS ASSESSMENT IN ACCORDANCE WITH MRC 8MUF AS FOLLOWS: 1. TEST OPERATE AN/WSN-2 OR AN/WSN-2A 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: I-42611-013- -AN/WSN-2 GCMP5 - MRC 8MUG			MJC: CXECI217		Rev Date: 7/21/2005
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-42611-013)THE AN/WSN-2 GYROCOMPASS REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WSN-2 GYROCOMPASS ASSESSMENT IN ACCORDANCE WITH MRC 8MUG AS FOLLOWS: 1. CLEAN AND INSPECT CABINET AND DRAWER ASSEMBLIES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-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-42611-016- -SHIPALT MCM1-75995K - ACCOMP			MJC: CXSAK550		Rev Date: 2/16/2010
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: SAMCM 75995 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-42611-16) SHIPALT MCM1-75995K, REPL AN/WSN-2 WITH AN/WSN-7B V, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-75995K WHICH REPLACES THE TWO (2) AN/WSN-2 GYROCOMPASS SYSTEMS WITH TWO (2) AN/WSN-7B(V)4 GYROCOMPASS SYSTEMS IN GYRO, IC & ELEX EQUIPMENT ROOM (01-57-2-C). THIS ALTERATION ALSO REMOVES A SPARE AN/WSN-2 IMU (AND ITS CONTAINER) AND THE DIAGNOSTIC TEST SET (DTS) IN THE SAME SPACE. POC: PHYLLIS HINTON, , 757-462-7750, PHYLLIS.HINTON@NAVY.MIL OR ANTHONY THOMPSON, 202-781-0902, ANTHONY.THOMPSON3@NAVY.MIL OR DAVID MARSHALL, 757-462-7750, EXT 226, DAVID.MARSHALL2@NAVY.MIL

Task/Abbreviation: Q-42622-007- -FIXED UW LOG SYS - RPR/TST			MJC: EXECQAY1		Rev Date: 6/5/2000
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-42622-007)FIXED UNDERWATER LOG SYSTEM REQUIRES REPAIR	REPAIR THE FIXED UNDERWATER LOG SYSTEM PER CONDITION ASSESSMENT RECOMMENDATIONS OR AS FOLLOWS: A. UNDERWATER LOG RODMETER - 1. REMOVE, CLEAN, EXAMINE AND REPAIR DEFECTS. - 2. RENEW O-RINGS AND PACKING AND ACCOMPLISH AN INSULATION RESISTANCE 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: 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: 2	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: 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:**

BASELINE

Problem Description:

(I-42623-005)THE MK 10 MOD 0 DEAD RECKONING ANALYZER-INDICATOR (DRAI) REQUIRES ASSESSMENT.

Recommended Solution:

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-42711-016- -AN/WSN-7B RLGN - MRC NB06**MJC:** CEXECIC90**Rev Date:** 12/5/2007**RCM Analysis:** 11/1/2004**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-42711-016)THE AN/WSN-7B RING LASER INERTIAL NAVIGATION REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/WSN-7B RING LASER INERTIAL NAVIGATION ASSESSMENT IN ACCORDANCE WITH MRC NB06 AS FOLLOWS: 1. PERFORM AN/WSN-7B(V) SIMULATED HEADING, ROLL, AND PITCH OUTPUT TESTING. 2. ELECTRICALLY ZERO SYNCHRO SIGNAL CONVERTERS (SSCS), IF APPLICABLE. 3. ELECTRICALLY ZERO SYNCHRO SIGNAL AMPLIFIERS (SSAS), IF APPLICABLE. 4. 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-42711-019- -AN/WSN-7B RLGN - MRC MC54**MJC:** CXECICQ9**Rev Date:** 7/24/2007**RCM Analysis:** 6/6/2005**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-42711-019)AN/WSN-7B(V) RING LASER GYRO (RLG) INERTIAL NAVIGATION SYSTEM REQUIRES ASSESSMENT.

ACCOMPLISH THE AN/WSN-7B(V) RING LASER GYRO (RLG) INERTIAL NAVIGATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC MC54 AS FOLLOWS: 1. TEST OPERATE RLG 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: I-42711-020- -AN/WSN-7B RLGN - MRC MC56			MJC: CXECICR0		Rev Date: 7/24/2007					
RCM Analysis: 6/6/2005		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-42711-020)AN/WSN-7B(V) RING LASER GYRO (RLG) INERTIAL NAVIGATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WSN-7B(V) RING LASER GYRO (RLG) INERTIAL NAVIGATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC MC56 AS FOLLOWS: 1. PERFORM RECALIBRATION OF RLG. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-42711-021- -NAVIGATION SYS - CERT**MJC:** CXECICR8**Rev Date:** 4/12/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 60**Equip/Task:** 1**Matl Cost:** 40,000**ManDays:** 24**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-42711-021)THE NAVIGATION SYSTEMS (NAVCERT)
CERTIFICATION REQUIREMENT IS DUE.ACCOMP A CERT OF NAV SYSTEM (NAVCERT) INCLUSIVE OF
ECDIS-N SYSTEM IAW NAVSEAINST 9420.4A PRIOR TO EXPIRATION
DATE OF CURRENT NAVCERT. NAVCERT IS APPLICABLE TO SHIPS
(CG, DDG, LCS, LHA, LHD, LPD17,MCM) THAT HAVE INTEGRATED NAV
SUITES CONSISTING OF INERTIAL NAV SYSTEM (INS)/RING LASER
GYRO NAVIGATOR (RLGN), NAV SENSOR SYSTEM INTERFACE
(NAVSSI), AND/OR ELECTRONIC CHART DISPLAY AND INFORMATION
SYSTEM-NAVY (ECDIS-N), WITH ASSOC ANCIL EQP INCLUDING
ELECTRONIC POSITION FIXING SYSTEMS (EPFS), SPEED LOGS,
GYROCOMPASS, AIRCRAFT INERTIAL ALIGNMENT SYSTEM, OR ANY
NAV SENSORS/SYSTEMS THAT INTERFACE TO INS/RLGN. PROVIDE A
TEST SUMMARY ANALYSIS REPORT. 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:
FUNDING: NAVSEA 05 NAVCERT PROGRAM MANAGER: MIKE BAR,
NAVSEA 05H, 202-781-4840, MICHAEL.BAR@NAVY.MIL NOTE 2:
SCHEDULING: SPAWARSSYSCEN ATLANTIC CHARLESTON NAVCERT
TEAM LEAD: DAVID MARSHALL, SPAWARSSYSCEN ATLANTIC CODE
525B0, 757-541-5779, DAVID.MARSHALL2@NAVY.MIL.

Task/Abbreviation: Q-42711-022- -NAVIGATION SYS CERT - INSP/RPR**MJC:** CXECQ305**Rev Date:** 5/16/2011**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 60**Equip/Task:** 1**Matl Cost:** 10,000**ManDays:** 10**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-42711-022)NAVIGATION SYSTEM REQUIRES
INSP/RPR.

ACCOMPLISH A NAVIGATION SYSTEMS INSPECTION IN SUPPORT OF THE CERTIFICATION OF THE NAVIGATION SYSTEMS (NAVCERT) IAW NAVSEA INSTRUCTION 9420.4A. THIS INSPECTION ISO NAVCERT IS APPLICABLE TO ALL SHIPS (I.E. CG, DDG, LCS, LHA, LHD, LPD 17,MCM) THAT HAVE INTEGRATED NAVIGATION SUITES CONSISTING OF INERTIAL NAVIGATION SYSTEM (INS)/RING LASER GYRO NAVIGATOR (RLGN), NAV SENSOR SYSTEM INTERFACE (NAVSSI), AND/OR ELECTRONIC CHART DISPLAY AND INFORMATION SYSTEM-NAVY (ECDIS-N), WITH ASSOC ANCIL EQP INCLUDING ELECTRONIC POSITION FIXING SYSTEMS (EPFS), SPEED LOGS, GYROCOMPASS, AIRCRAFT INERTIAL ALIGNMENT SYSTEM, OR ANY NAV SENSORS/SYSTEMS THAT INTERFACE TO INS/RLGN. 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: INSPECTION TO BE ACCOMPLISHED WHILE NAV SYSTEMS ARE OPERATIONAL WITHIN 60 TO 90 DAYS, IF POSSIBLE, OF PROJECTED NAVCERT TESTING START DATE AS DEFINED IN THE NAVSEA QUARTERLY SHIPS PLANNING MESSAGE. NOTE 2: INSPECTION, MINOR REPAIRS AND EQUIPMENT ADJUSTMENTS ARE TYCOM FUNDED TO SUPPORT NAVSEA FUNDED NAVCERT.

Task/Abbreviation: D-43212-004- -SHIPALT MCM1-00207D - ACCOMP				MJC: CXSAD007		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required: NO			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 6		ManDays: 9		Alt No: SAMCM 00207 D	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(D-43212-4) TYCOM AUTHORIZED SHIPALT				ACCOMPLISH SHIPALT MCM1-207D "CIRCUIT 2JZ EXPANSION" WHICH EXTENDS THE DAMAGE CONTROL SOUND POWERED TELEPHONE CIRCUIT 2JZ TO THE MUSTER AREA IN THE CREW'S MESS AND TO THE FIRE PUMP RISER ON THE FANTAIL.					

Task/Abbreviation: A-43212-009- -AER MCM1-00718 - ACCOMP				MJC: EXTYA544		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:		Alt No: TYMCM 00718	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-43212-9) AER MCM1-00718, SP TELEPHONE SYS IMPROVEMENTS, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00718 WHICH INSTALLS CIRCUIT 2JZ SOUND POWERED TELEPHONES NEAR FIRE MAIN SHORE CONNECTION, MAIN DECK, FRAME 86, STARBOARD SIDE. INSTALLS CIRCUIT JL SOUND POWERED TELEPHONES ON 01 LEVEL, FRAME 18, CENTERLINE AND MAIN DECK, FRAME 115, PORT AND STARBOARD SIDES.

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: D-43611-027- -SHIPALT MCM1-00192D - ACCOMP				MJC: EXSAD169		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required: NO			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 600		ManDays: 17		Alt No: SAMCM 00192 D	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-43611-27) TYCOM AUTHORIZED SHIPALT	ACCOMPLISH SHIPALT MCM1-192D "VENT FLOW ALARM CKT 2HF MODS".

Task/Abbreviation: A-43611-048- -AER MCM1-00842 - ACCOMP			MJC: EXTYA547		Rev Date: 6/30/2008
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,300	ManDays: 10	Alt No: TYMCM 00842
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-43611-48) AER MCM1-00842, DELETE HI-VACUM COMBUST ALARM, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00842 WHICH REMOVES THE HIGH VACUUM COMBUSTION AIR ALARM FROM EACH DIESEL ENGINE.

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: K-43611-088- -SHIPALT MCM1-70345K - ACCOMP			MJC: EXSAK666		Rev Date: 7/11/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: SAMCM1 70345 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-43611-88) SHIPALT MCM1-70345K - INST H2S ALARM, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-70345K - INST H2S ALARM WHICH THE SYSTEM WILL CONTINUOUSLY MONITOR THE PRESENCE OF HYDROGEN SULFIDE GAS. WHEN THE SENSOR DETECTS DANGEROUS CONCENTRATIONS OF HYDROGEN SULFIDE GAS, VISUAL AND AUDIBLE ALARMS WILL BE ACTIVATED WITHIN THE GATX MACHINERY ROOM, JUST OUTSIDE THE GATX MACHINERY ROOM ACCESS AND IN THE CENTRAL CONTROL STATION. POC: JIM FAZIO, 202-781-4372, JAMES.FAZIO@NAVY.MIL.

Task/Abbreviation: K-43611-089- -SHIPALT MCM1-70360K - ACCOMP			MJC: EXSAK695		Rev Date: 10/6/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: SAMCM1 70360 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-43611-89) SHIPALT MCM1-70360K - AIR FLOW MNTR/ALRM GATX RM VNT, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-70360K - AIR FLOW MNTR/ALRM GATX RM VNT WHICH INSTALLS A DIGITAL AIR FLOW INDICATOR AND PROGRAMMABLE ALARM SYSTEM TO MEASURE VENTILATION AIR FLOWRATE FOR THE GATX MACHINERY ROOM. THE SYSTEM WILL GIVE A LOCAL CONTROL AND INDICATOR PANEL AND AN RTD-TYPE FLOW SENSOR WITH A MEASURING RANGE OF 0 TO 5000 FEET PER MINUTE. IT WILL CONTINUOUSLY MONITOR THE AIR FLOWRATE. IT WILL GIVE LOCAL AND REMOTE VISUAL AND AUDIBLE ALARMS TO WARN VENTILATION AIR FLOWRATE IS TOO LOW. POC: JIM FAZIO, 202-781-4372, JAMES.FAZIO@NAVY.MIL.

Task/Abbreviation: I-43711-016- -SALINITY IND SYS - MRC 6UFH				MJC: EXECI837		Rev Date: 6/23/2005					
RCM Analysis: 2/7/2005		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 3		Freq: 0		Equip/Task: 01		Matl Cost:		ManDays: 1		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-43711-016)THE SALINITY INDICATING SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE SALINITY INDICATING SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 6UFH AS FOLLOWS: 1. TEST ALARM SETPOINTS ON NON-MODULAR SALINITY INDICATOR PANEL. 2. TEST OPERATE SOLENOID 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: Q-43721-014- -FO TK TLI - RPR			MJC: EXECQAK0		Rev Date: 3/2/1999	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: X	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: X	Matl Cost: 10,000	ManDays: 20	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-43721-017- -POTW TK TLI - RPR			MJC: EXECQAK3		Rev Date: 3/3/1999	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: X	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: X	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-43721-019- -CONTAM TK TLI - RPR				MJC: EXECQAK5		Rev Date: 3/3/1999					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: X		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: X		Matl Cost: 5,000		ManDays: 10		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: X	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: X	Matl Cost: 180	ManDays: 4	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: 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-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-44141-010- -R-2368 HF/LF RCVR - MRC EJA4			MJC: CXECI237		Rev Date: 11/8/2010					
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-44141-010)THE R-2368/URR, R-2368A/URR, R-2368B/URR, AND R-2368A(V)1 RECEIVING SET REQUIRES ASSESSMENT.	ACCOMPLISH THE R-2368/URR, R-2368A/URR, R-2368B/URR, AND R-2368A(V)1 RECEIVING SET ASSESSMENT IN ACCORDANCE WITH MRC EJA4 AS FOLLOWS: 1. MEASURE RECEIVER SENSITIVITY. 2. TEST RECEIVER AGC. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND 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-44151-064- -AN/VRC-43,46() - MRC DWX1			MJC: CXCIBZ5		Rev Date: 3/4/2011
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-44151-064)THE AN/VRC-43,46() RADIO SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/VRC-43,46() RADIO SET ASSESSMENT IN ACCORDANCE WITH MRC DWX1 AS FOLLOWS: 1. MEASURE AN/VRC-43, 46 RADIO SET RECEIVER SENSITIVITY. 2. MEASURE RECEIVER WIDEBAND AUDIO RESPONSE. 3. TEST SQUELCH OPERATION. 4. MEASURE TRANSMITTER FREQUENCY AND POWER OUTPUT. 5. MEASURE TRANSMITTER FREQUENCY DEVIATION. 6. CLEAN AN/VRC-43,46() RECEIVER-TRANSMITTER HEAT EXCHANGER. 7. CLEAN AND INSPECT PP-2953()/U POWER SUPPLY. 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-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:** 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:**

BASELINE

Problem Description:

(I-44151-065)THE AN/WSC-3(V) 6,7,11,14 LINE OF SIGHT (LOS) COMMUNICATIONS SET REQUIRES ASSESSMENT.

Recommended Solution:

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: K-44151-105- -SHIPALT MCM1-00325K - ACCOMP			MJC: CXSAK345		Rev Date: 7/6/2006	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 112,000	ManDays: 2100	Alt No: SAMCM 00325 K	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44151-105) SHIPALT MCM1-00325K, MCM COMM MODERNIZATION, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT MCM1-00325K WHICH WILL UPGRADE THE COMMUNICATIONS SUITE WITH EQUIPMENT THAT IS MODULAR AND CAN BE PHASED IN WITH FUTURE PEO C4I SOLUTIONS. THE INSTALLATION WILL PROVIDE A DIGITAL FIBER OPTIC COMMUNICATION BACKBONE AND WILL PROVIDE AN UPGRADED HF COMMUNICATION SUITE REPLACING THE OBSOLESCEMENT ONBOARD HF RADIO EQUIPMENT. TOTAL WEIGHT SAVING IS APPROX 4500 LBS. LEGACY ALTERATION FOR SCD 1280. POC: ROBERT BROOM, 301-995-8454, ROBERT.BROOM@NAVY.MIL

Task/Abbreviation: K-44151-132- -SHIPALT MCM1-75610K - ACCOMP**MJC:** CXSAK489**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:** 10**Alt No:** SAMCM 75610 K**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-44151-132) SHIPALT MCM1-75610K, PEOC4I
SUBNET RELAY, NOT ACCOMPLISHEDACCOMPLISH SHIPALT MCM1-75610K WHICH INSTALLS TWO SUBNET
RELAY (SNR) SYSTEM HARDWARE SUITES. EACH SNR SYSTEM
SUITE CONTAINS THE FOLLOWING: ONE 1RU SNR CONTROLLER
LINUX-BASED PC (ROCKWELL COLLINS), ONE 1RU V/UHF MODEM
(ROCKWELL COLLINS), ONE 1RU HIGH STABILITY TIME BASE (HSTB)
DEVICE (ROCKWELL COLLINS), ONE 1RU CERTIFIED KVM WITH LCD
CONSOLE, KEYBOARD AND TRACKBALL, AND ONE 1RU UNIVERSAL
POWER SUPPLY (UPS). INTERFACES TO THE SHIPBOARD NETWORK
ARE VIA THE EXISTING CENTRIXS (SCD # PENDING) AND ADNS
ROUTER (SEE NOTE), AND TO THE SHIPBOARD UHF RADIO SYSTEMS
VIA A KG-84(A) CRYPTOGRAPHIC DEVICE OR EQUIVALENT. AN
OPTIONAL INTERFACE WILL BE TO THE USGPS SYSTEM
(NAVSSI/SMART SHIPS SYSTEM). ONE SNR WILL INTERFACE
DIRECTLY TO THE ADNS NETWORK AND WILL BE USED FOR
US-ONLY COMMUNICATIONS. THE SECOND SNR SYSTEM WILL
INTERFACE TO THE CENTRIXS NETWORK FOR ALLIED/COALITION
COMMUNICATION. POC: KARI ATKINS, 858-537-8621,
KARI.ATKINS@NAVY.MIL

Task/Abbreviation: K-44160-019- -EC 77103 CENTRIX-M - ACCOMP**MJC:** EXSAKAF4**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:** 13**Alt No:** EC 77103**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:**

BASELINE

Problem Description:

(O-44160-019) EC 77103 CENTRIX-M HW/SW BLK-0/1, CENTRIXS-M BLK-0/1 (EC56), NOT ACCOMPLISHED

Recommended Solution:

****AIT**** ACCOMPLISH EC 77103 CENTRIX-M HW/SW BLK-0/1, WHICH PROVIDES FOR A NUMBER OF SOFTWARE UPDATES AND ADDITIONS TO CAPABILITIES, RELIABILITY AND SECURITY POSTURE OF THE CENTRIXS-M BLK-0 (ANUSQ-185(V)1 AND BLK-1 (AN/USQ-185A(V)1 SYSTEMS. AN AUTOMATED METHOD OF PROVIDING SECURITY UPDATES IMPROVES THE SECURITY POSTURE OF THE SYSTEM USING WINDOWS SYSTEM UPDATE SERVICES (WSUS). AN AUTOMATED METHOD DOWNLOADS ANTI-VIRUS DEFINITIONS INTO THE NATIVE ANTI-VIRUS SOFTWARE CLIENTS ON CENTRIXS-M WORKSTATIONS AND SERVERS. THESE IMPROVEMENTS WILL SIGNIFICANTLY IMPROVE THE TIMELINESS OF UPDATES AND IMPROVE THE SECURITY POSTURE OF THE AFLOAT NETWORK..

POC: MAIA GOODWELL, 858-537-8765, MAIA.GOODWELL@NAVY.MIL OR BOBBY BAKER, 619-524-7882, BOBBY.L.BAKER.CTR@NAVY.MIL OR CDR CHRIS CEGIELSKI, 619-537-8891, CHRIS.A.CEGIELSKI@NAVY.MIL OR WILLIAM DELVALLE, 619-524-7882, WILLIAM.DELVALLE@NAVY.MIL OR GEORGES GOSHN, 619-524-7254, GEORGES.GOSHN@NAVY.MIL OR WILLY ALVARADO, 858-537-8675, WILLY.ALVARADO@NAVY.MIL OR SHARON MCILNAY, 202-781-2286, SHARON.A.MCILNAY@NAVY.MIL.

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: 1	Removal Required:			
Lvl of Maint: 3		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: O-44171-064- -FC 3 INMARSAT B - ACCOMP			MJC: CXSAO005		Rev Date: 7/24/2006
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 3 INMARSAT
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-64) FC 3 INMARSAT B, INMARSAT B 128 K MODEM, NOT ACCOMPLISHED.	ACCOMPLISH FC-3 INMARSAT B WHICH IS REQUIRED TO MEET ORD BANDWIDTH REQUIREMENTS OF 128KBPS. POWER SUPPLY REQUIRED FOR IMPROVED CURRENT HANDLING CAPABILITY. THIS FC IS APPLICABLE TO ALL NAVY INMARSAT B HSD SYSTEMS.

Task/Abbreviation: I-44171-069- -AN/USC-42V DAMA - MRC N2J8			MJC: CEXECIBK7		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: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-44171-069)THE AN/USC-42V MINI DAMA REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/USC-42V MINI DAMA ASSESSMENT IN ACCORDANCE WITH MRC N2J8 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: O-44171-071- -EC 1 AN/USQ-145(V)1-8 - ACCOMP			MJC: EXSAO067		Rev Date: 10/27/2005
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 1 USQ-145
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-71) EC 1 AN/USQ-145(V)1-8, SW UP 12.29/10.11&VTC 300 V2.7, NOT ACCOMPLISHED	ACCOMPLISH EC 1 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).

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:** 1**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:** 1**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-44171-073)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 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:** 1**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-44171-074)THE OE-82()/WSC-1(V) ANTENNA GROUP REQUIRES ASSESSMENT.

Recommended Solution:

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: 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: 1	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: I-44171-109- -AN/SSR-1,1A SATL SET-MRC BTT8**MJC:** CXECICR1**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:**

BASELINE

Problem Description:(I-44171-109)THE AN/SSR-1, 1A SATELLITE
RECEIVING SET REQUIRES ASSESSMENT.**Recommended Solution:**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:**

BASELINE

Problem Description:(I-44171-111)THE AN/SSR-1, 1A SATTELITE
RECEIVING SET REQUIRES ASSESSMENT.**Recommended Solution:**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: 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-44171-121- -EC 71594 AN/USQ-144F - ACCOMP			MJC: CXSAO314		Rev Date: 7/13/2006
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 71594
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-121) EC 71594 AN/USQ-144F(V)2, EC-3 ADNS F(V)2) LQOSMAN 3.1, NOT ACCOMPLISHED	ACCOMPLISH EC 71594 AN/USQ-144F(V)2 WHICH IMPLEMENTS THE AN/USQ-144F(V)2 LQOSMAN 3.1 INSTALLATION. THIS WILL IMPLEMENT THE FOLLOWING CAPABILITIES: REPORTS PERCENTAGE OF UTILIZATION AND ERRORS, PROVIDES VARIOUS AUDIBLE AND CROSS CONNECT ALARMS, INCREASE TROUBLESHOOTING TOOLS, PROVIDES SUMMARY PAGES AND ADDITIONAL REPORTS. POC: FRANCISCO DEGUZMAN, 858-826-5861, FRANCISCO.S.DEGUZMAN@SAIC.COM OR JOHN KMET, 619-524-3540, JOHN.KMET@NAVY.MIL OR WILLIAM FARMER, 619-524-7830, WILLIAM.FARMER@NAVY.MIL

Task/Abbreviation: K-44171-124- -SHIPALT MCM1-00305K - ACCOMP			MJC: EXSAK670		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: 10,000	ManDays: 56	Alt No: SAMCM 00305 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44171-124) SHIPALT MCM1-00305K , AN/USQ-144F(V)2 ADNS (LITE), NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-00305K WHICH INSTALLS AN ADNS EQUIPMENT RACK, NETWORK ENCRYPTION SYSTEM, ISOLATION TRANSFORMER, AND ENCRYPTION DEVICE IN THE CC. THE NEW EQUIPMENT AND CABLES WILL PERMIT AN INTERFACE TO THE EXTERIOR OF THE SHIP PORT AND STARBOARD SUPPORTING NETWORK CONNECTIVITY PIERSIDE. THIS WILL PROVIDE TERRESTRIAL, SATCOM, AND LINE-OF-SIGHT INTERNET PROTOCOL SERVICES VIA POINT-TO-POINT COMMUNICATIONS PATHS AS WELL AS INTEGRATED NETWORK MANAGEMENT CAPABILITY. POC: JOHN KMET, 619-524-3540, JOHN.KMET@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-44171-161- -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: 3	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-44171-168- -SHIPALT MCM1-75357K - ACCOMP			MJC: CXSAK423		Rev Date: 3/29/2010
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: SAMCM 75357 K
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-44171-168) SHIPALT MCM1-75357K, PEOC41 CBSP TIER 1, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-75357K, WHICH INSTALLS THE CBSP ABOVE DECK AND BELOW DECK EQUIPMENT AND REPLACES THE SHIP'S EXISTING INMARSAT-B ANTENNA AND BELOW DECK EQUIPMENT AS APPLICABLE. THIS CHANGE IS UNDER THE RAPID DEPLOYMENT CAPABILITY (RDC) PROGRAM. CBSP TERMINAL WILL PROVIDE CRITICAL BANDWIDTH TO ENSURE THAT ADEQUATE CONNECTIVITY IS AVAILABLE TO MEET FLEET OPERATIONAL REQUIREMENTS. THIS SATCOM DATA LINK WILL BE USED TO SUPPORT BOTH CLASSIFIED AND UNCLASSIFIED SHIPBOARD LOCAL AREA NETWORK (LAN) TRAFFIC VIA THE ADVANCED DIGITAL NETWORK SYSTEM (ADNS). POC: CHUCK VINSON, 619-890-6033, CHARLES.VINSON@NAVY.MIL OR KARI ATKINS, 858-537-8621, KARI.ATKINS@NAVY.MIL OR DEANNA KLUESNER, 858-537-0574, DEANNA.KLUESNER.CTR@NAVY.MIL OR MELINDA RATZ, 619-302-2021, MELINDA.RATZ@NAVY.MIL

Task/Abbreviation: O-44171-200- -FC 75051 AN/USC-42 - ACCOMP**MJC:** CXSAO919**Rev Date:** 3/11/2008**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:** FC 75051**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-44171-200) FC 75051 AN/USC-42 FC 5A,
AN/USC-42(V) FC5A FRMWRE UPG, NOT
ACCOMPLISHEDACCOMPLISH FC 75051 AN/USC-42 FC 5A WHICH WILL ENHANCE THE
MINI-DAMA OPERATION AS FOLLOWS: MIL-STD-188-183A CAPABILITY
MEETS THE REQUIREMENT FOR 5-KHZ AND 25-KHZ SLAVE
CHANNELS AND REDUCES 5-KHZ AND 25-KHZ DATA THROUGHPUT
DELAY. AN ENHANCEMENT INCREASING FROM 3 TO 7 MESSAGE
SERVICES WITHIN A SINGLE DAMA FRAME. ADAPTIVE FILTERING
SOFTWARE, AN EVOLUTIONARY DEVELOPMENT, WILL PROVIDE
INTERFERENCE MITIGATION FOR VARIOUS TYPES OF
INTERFERENCE INCLUDING EMI. IT WILL ALLOW RELIABLE
COMMUNICATION EVEN ON "NOISY" CHANNELS OR HIGH
INTERFERENCE ENVIRONMENTS. POC: MARGARET SOLER,
858-537-8575, MARGARET.SOLER@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: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 3	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 GOETTELDMANN, 858-537-8883, JAMES.GOETTELDMANN@NAVY.MIL OR JON KERSHAW, 619-524-3651, JON.KERSHAW@NAVY.MIL

Task/Abbreviation: O-44171-234- -FC 77822 AN/USC-69 - ACCOMP			MJC: EXSAO537		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: FC 77822
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44171-234) FC 77822 AN/USC-69, AN/USC-69(V)1 (FC01), NOT ACCOMPLISHED	ACCOMPLISH FC 77822 AN/USC-69, WHICH IMPLEMENTS AN/USC-69(V)1 (FC01). POC: KARI ATKINS, 858-537-8621, KARI.ATKINS@NAVY.MIL OR TOM SWANSON 619-524-7291 THOMAS.SWANSON@NAVY.MIL

Task/Abbreviation: O-44171-237- -EC 78508 AN/FCC-100 - ACCOMP**MJC:** CXSAOAD9**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:** 1**Alt No:** EC 78508**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-44171-237) EC 78508 (FORMERLY SCD 78508)
AN/FCC-100 SCIP COMPLIANCE, AN/FCC-100 SCIP
COMPLY (EC), NOT ACCOMPLISHED.

ACCOMPLISH EC 78508 (FORMERLY SCD 78508) WHICH REPLACES
THE FXS VOICE CARDS CONTAINING THE STU-III MODULES WITH
FXS VOICE CARDS CONTAINING THE CELP MODULES. THIS
ALTERATION REMOVES THE FXS CARDS FROM AN/FCC-100 THAT
CONTAIN THE STU-III MODULE (PN 21000933) AND INSTALLS THE
NEW REPLACEMENT FXS CARD PROVIDED BY THE
INSTALLATION/SOVT TEAM. THIS INTERIM ALTERATION IS
REQUIRED TO SUPPORT THE SECURE COMMUNICATIONS
INTEROPERABILITY PROTOCOL (SCIP) ALGORITHM. SCIP COMPLIANT
SECURE VOICE DEVICES WILL BE THE ONLY SIGNALING FORMAT
AVAILABLE AFTER DECEMBER 2009. POC: MARGARET SOLER,
858-537-8575, MARGARET.SOLER.CTR@NAVY.MIL OR LCDR PETE
LASHOMB, 858-537-8782, PETE.LASHOMB@NAVY.MIL

Task/Abbreviation: K-44171-247- -SHIPALT MCM1-76965K - ACCOMP**MJC:** EXSAK891**Rev Date:** 9/30/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 10**ManDays:** 6**Alt No:** SAMCM 76965 K**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-44171-247) SHIPALT MCM1-76965K, MD-1324A
INTEGRATED WAVEFORM, NOT ACCOMPLISHEDACCOMPLISH SHIPALT MCM1-76965K WHICH REPLACES THE
EXISTING MD-1324A MODEM WITH AN UPGRADED MD-1324A MODEM
THAT HAS THE W/ INTEGRATED WAVEFORM (IW) AND FRONT END
HARDENING AND A FLASH MEMORY INCREASE. UPGRADED
MD-1324A MODEMS WILL HAVE AN EC2 LABEL AFFIXED TO IT TO
INDICATE THE MODIFIED STATUS. INSTALL AN ADDITIONAL
SPLITTER AND TWO (2) LENGTHS OF RF CABLES BETWEEN THE
SA-2000 AND THE SB-4267/SRC. RUN CABLES REQUIRED FOR AN
ADDITIONAL MD-1324() MODEM. POC: JON KERSHAW, 619-524-3651,
JON.KERSHAW@NAVY.MIL

Task/Abbreviation: I-44171-254- -AN/USC-69(V)1 CBSP - MRC FQC4**MJC:** CXCIDF3**Rev Date:** 4/7/2011**RCM Analysis:** 3/2/2009**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:**

BASELINE

Problem Description:

(I-44171-254)AN/USC-69(V)2 COMMERCIAL BROADBAND SATELLITE PROGRAM REQUIRES ASSESSMENT, INSPECTION AND TESTING.

Recommended Solution:

ACCOMPLISH THE AN/USC-69(V)2 COMMERCIAL BROADBAND SATELLITE PROGRAM ASSESSMENT IN ACCORDANCE WITH MRC FQC4: 1. CLEAN AND INSPECT ANTENNA. ADDITIONALLY, PERFORM A SYSTEM OPERATIONAL TEST 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: 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: 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: 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:** 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-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:** 1**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-44181-006)THE AM-2123() RADIO FREQUENCY
AMPLIFIER REQUIRES ASSESSMENT.**Recommended Solution:**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: 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: I-44191-027- -AN/SYQ-26 NAVMACS - MRC A2T0			MJC: CXECICL8		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: Q-44211-002- -TR-232()/WQC-2() XDCR - REPL**MJC:** CXECQ030**Rev Date:** 7/16/2010**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 3,000**ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-44211-002)TRANSDUCER REQUIRES
REPLACEMENTREPLACE TRANSDUCER TR-232()/WQC-2() OF THE SONAR
COMMUNICATION SET PER CONDITION ASSESSMENT
RECOMMENDATIONS AND IN ACCORDANCE WITH APPLICABLE
TECHNICAL MANUAL. NOTE: PRIOR TO THE DEPOT LEVEL
DRYDOCKING AVAILABILITY, ENSURE INSPECTION AND TESTING OF
THE TRANSDUCER USING THE AN/WQM-9 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
FTSCLANT/FTSCPAC.

Task/Abbreviation: Q-44211-003- -TR-233()/WQC-2() XDCR - REPL			MJC: CXECQ094		Rev Date: 9/30/1998
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 20	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-44211-003)TRANSDUCER REQUIRES REPLACEMENT	REPLACE TRANSDUCER TR-233()/WQC-2() OF THE SONAR COMMUNICATION SET PER CONDITION ASSESSMENT RECOMMENDATIONS AND IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUAL. NOTE: 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: I-44211-010- -AN/WQC-2A XDCR - MRC EEV3**MJC:** EXECIB25**Rev Date:** 7/16/2010**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-44211-010)THE AN/WQC-2A SONAR COMMUNICATIONS SET TRANSDUCER REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/WQC-2A SONAR COMMUNICATIONS SET TRANSDUCER ASSESSMENT IN ACCORDANCE WITH MRC EEV3 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-44211-011- -AN/WQC-2A SNR COMM - MRC EFK1			MJC: EXECIB26		Rev Date: 7/16/2010
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-44211-011)THE AN/WQC-2A SONAR COMMUNICATIONS SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WQC-2A SONAR COMMUNICATIONS SET ASSESSMENT IN ACCORDANCE WITH MRC EFK1 AS FOLLOWS: 1. TEST OPERATE SONAR COMMUNICATION 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-44211-012- -AN/WQC-2A SNR COMM - MRC ELB9			MJC: EXECIB27		Rev Date: 7/16/2010
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-44211-012)THE AN/WQC-2A SONAR COMMUNICATIONS SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/WQC-2A SONAR COMMUNICATIONS SET ASSESSMENT IN ACCORDANCE WITH MRC ELB9 AS FOLLOWS: 1. VERIFY PRESENCE OF SAFETY GROUNDING CONNECTION BETWEEN DRAWER FRAME, ENCLOSURE FRAME, 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: 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-44613-008- -TSEC/KWR-46 - MRC A2F1			MJC: CEXECIC13		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: 1	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: 0	Alt No: EC 71703
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASLINE	(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: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays: 2	Alt No: EC 77996
Referenced Authority:		Repair Pool:	MCC: 2		

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:**

BASELINE

Problem Description:

(I-44614-011)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 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: O-44614-020- -FC 2 AM-3729/SR - ACCOMP				MJC: EXSAO071		Rev Date: 6/24/2005					
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 2 AM-3729/S	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44614-20) FC 2 AM-3729/SR, PROPER LINE LOADING W/SAS, NOT ACCOMPLISHED	ACCOMPLISH FC 2 AM-3729/SR WHICH IMPLEMENTS PROPER LINE LOADING WHEN USED WITH SINGLE AUDIO SYSTEM (SAS) BY DISCONNECT WIRING TO THE INTERNAL LOAD RESISTOR AND ACHIEVE PROPER LINE LOADING WHEN CHANNEL 1 AND CHANNEL 2 INPUTS ARE PARALLELED AT TB-1 FOR SAS SINGLE CHANNEL APPLICATIONS.

Task/Abbreviation: O-44614-021- -FC 3 TA-970/U - ACCOMP			MJC: EXSAO073		Rev Date: 6/24/2005
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 3 TA-970/U
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44614-21) FC 3 TA-970/U, MOD FOR DARKENED SHIP AREAS, NOT ACCOMPLISHED	ACCOMPLISH FC 3 TA-970/U WHICH REDUCES EXCESSIVE BRIGHTNESS EMITTED BY PHONE SET FRONT PANEL LIGHTS OF UNITS LOCATED IN AREAS SUBJECT TO DARKENED SHIP CONDITIONS.

Task/Abbreviation: O-44614-024- -FC 4 TA-970/U - ACCOMP				MJC: EXFCO002		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: FC 4 TA-970/U	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44614-24) FC 4 TA-970/U, MOD TO MODE SELECT IND CIR, NOT ACCOMPLISHED	ACCOMPLISH FC 4 TA-970/U WHICH ENSURES THAT THE CIPHER INDICATOR FULLY EXTINGUISHES WHEN SELECTING THE PLAIN MODE.

Task/Abbreviation: O-44614-025- -FC 71480 AM-3729 - ACCOMP			MJC: EXSAO155		Rev Date: 6/16/2006
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: FC 71480
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-44614-25) FC 71480 AM-3729/SR, PROPER LINE LOADING W/SAS, NOT ACCOMPLISHED	ACCOMPLISH FC 71480 AM-3729/SR WHICH IMPLEMENTS PROPER LINE LOADING WHEN USED WITH SINGLE AUDIO SYSTEM (SAS) BY DISCONNECT WIRING TO THE INTERNAL LOAD RESISTOR AND ACHIEVE PROPER LINE LOADING WHEN CHANNEL 1 AND CHANNEL 2 INPUTS ARE PARALLELED AT TB-1 FOR SAS SINGLE CHANNEL APPLICATIONS.

Task/Abbreviation: D-44615-003- -SHIPALT MCM1-00327D - ACCOMP			MJC: EXSAD469		Rev Date: 6/22/2005
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: SAMCM 00327 D
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-44615-3) SHIPALT MCM1-00327D - DOCUMENT DISINTEGRATORS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-00327D WHICH INSTALLS A SEM 126C/2 SHREDDER AND A KD 100, KEY DESTRUCTION DEVICE (COTS) THAT ARE CURRENTLY APPROVED FOR DOCUMENT DESTRUCTION.

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:**

BASELINE

Problem Description:(I-45011-022)THE CV-3989/SP SIGNAL DATA
CONVERTER GROUP REQUIRES ASSESSMENT.**Recommended Solution:**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: Q-45155-004- -AN/SPS-55 RDR SET - RPR/TST				MJC: CXECQ034		Rev Date:					
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-45155-004)RADAR SET REQUIRES REPAIR				REPAIR THE AN/SPS-55() RADAR SET (LESS ANTENNA AND PEDESTAL) PER CONDITION ASSESSMENT RECOMMENDATIONS. PROVE SATISFACTORY OPERATION BY APPROPRIATE STAGE OF COMBAT SYSTEM TESTING.					

Task/Abbreviation: Q-45155-006- -AN/SPS-55 RDR WG - RPR				MJC: CEXECQ097		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: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-45155-006)WAVEGUIDE REQUIRES REPAIR				REPAIR THE AN/SPS- 55() RADAR WAVEGUIDE PER CONDITION ASSESSMENT RECOMMENDATIONS.					

Task/Abbreviation: I-45155-007- -AN/SPS-55 RADAR SET - MRC N1R2			MJC: EXECIB30		Rev Date: 12/30/2009
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-45155-007)THE AN/SPS-55 RADAR SET REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SPS-55 RADAR SET ASSESSMENT IN ACCORDANCE WITH MRC N1R2 AS FOLLOWS: 1. PERFORM ADDITIONAL RADAR ANTENNA SYSTEM CHECKS. 2. PERFORM ADDITIONAL RADAR UNIT INSPECTION CHECKS. 3. PERFORM ADDITIONAL RADAR OPERATIONAL CHECKS. 4. TEST THRESHOLD LEVEL OF RADAR'S PROTECTIVE CIRCUITS. 5. MEASURE MAGNETRON AND THYRATRON FILAMENTS. 6. MEASURE OUTPUT OF PRF SWEEPER BOARD AND TRIGGER OUTPUTS. 7. MEASURE PEAK POWER OUTPUT, VSWR/RF POWER MONITOR AND OBSERVE VSWR AND RF POWER INDICATION AT RECEIVER TRANSMITTER UNIT. 8. MEASURE MINIMUM DISCERNIBLE SIGNAL (MDS) AND VIDEO OUTPUTS. 9. TEST OPERATE RADAR. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-45164-009- -ARPA 2525/9X-D - MRC N2C0**MJC:** EXECIB40**Rev Date:** 5/9/2008**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:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:(I-45164-009)THE ARPA 2525/9X-D NAVIGATION
RADAR SYSTEM REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE ARPA 2525/9X-D NAVIGATION RADAR SYSTEM
ASSESSMENT IN ACCORDANCE WITH MRC N2C0 AS FOLLOWS: 1.
INSPECT ARPA 2525/9X-D ANTENNA SYSTEM. 2. INSPECT ARPA
2525/9X-D RADAR UNITS. 3. PERFORM ARPA 2525/9X-D OPERATIONAL
TESTS. 4. MEASURE TRANSMITTER POWER OUTPUT, VSWR AND
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: 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: 15,000	ManDays: 10	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-45173-018- -SHIPALT MCM1-71824K - ACCOMP			MJC: KXSAK054		Rev Date: 2/16/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 300	ManDays: 180	Alt No: SAMCM 71824 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASLINE	(K-45173-18) SHIPALT MCM1-71824K, AN/SPS-73(V)12 DUAL RADAR SYST, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-71824K, WHICH CONVERTS LEGACY SHIPALT MCM1-260K01R1 INTO AN SCD. THE SHIP CHANGE REPLACES THE AN/SPS-55 AND LN-66 (OR LN-66 REPLACEMENT) SURFACE SEARCH AND NAVIGATION RADAR WITH THE AN/SPS-73(V)12 DUAL SURFACE SEARCH RADAR. THE AN/SPS-73(V)12 RADAR USES CURRENT COMMERCIAL OFF-THE SHELF (COTS) NAVIGATIONAL TECHNOLOGY WITH INCREASED DETECTION CAPABILITY, AUTOMATIC SIGNAL DATA PROCESSING, NAVIGATION SENSOR INTERFACE, ARPA FUNCTIONALITY, AND ECDIS INTERFACE, PROVIDING ENHANCED SITUATIONAL AWARENESS. POC: AMANDA DURANT, 202-203-6226, DURANTAL@NAVSEA.NAVY.MIL OR RUBIN VIERA, 757-492-8033, RUBIN.VIERA1@NAVY.MIL

Task/Abbreviation: K-45173-019- -SHIPALT MCM1-00260.1 K- ACCOMP			MJC: KXSAK063		Rev Date: 7/10/2006	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 344,000	ManDays: 137	Alt No: SAMCM 00260 K	
Referenced Authority:		Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45173-19) SHIPALT MCM1-00260.1 K, AN/SPS-73(V)12 RADAR, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-00260.1 K, WHICH REPLACE THE LN-66 RADAR WITH A SYSTEM THAT PROVIDES INCREASED POWER OUTPUT, NARROWER RADAR BEAM WIDTH, INCREASED RADAR DETECTION RANGE, AND ENHANCED SIGNAL DATA PROCESSING. POC: AMANDA DURANT, 202-203-6226, DURANTAL@NAVSEA.NAVY.MIL.

Task/Abbreviation: I-45511-014- -XPONDER ANT W/UPM-136-MRC DWM5			MJC: CXECIAL9		Rev Date: 1/8/2010
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-45511-014)THE AS-177()/UPX AS-3020/SR ANTENNA ASSEMBLY REQUIRES ASSESSMENT.	ACCOMPLISH THE AS-177()/UPX AS-3020/SR ANTENNA ASSEMBLY ASSESSMENT IN ACCORDANCE WITH MRC DWM5 AS FOLLOWS: 1. MEASURE ANTENNA 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-45511-060- -AS-177()/UPX ANT - MRC EZP1**MJC:** CXECIAQ5**Rev Date:** 1/5/2010**RCM Analysis:** 9/6/2004**Scheduled:** N**Sit Reqs:****Qty:****Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-45511-060)THE AS-177()/UPX ANTENNA
ASSEMBLY REQUIRES ASSESSMENT.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: 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:**

BASELINE

Problem Description:(I-45511-090)THE AN/APX-118 TRANSPONDER SET
REQUIRES ASSESSMENT.**Recommended Solution:**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-45511-099- -SHIPALT MCM1-00317K - ACCOMP			MJC: CXSAK202		Rev Date: 10/12/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 38,000	ManDays: 25	Alt No: SAMCM1 00317 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45511-99) SHIPALT MCM1-00317K, AN/APX-118(V) IFF TRANSPONDER, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-00317K, WHICH IN GYRO, IC AND ELECTRONIC EQUIPMENT ROOM (01-57-2-Q), UNPLUG THE ANTENNA AND POWER CABLES FROM THE EXISTING AN/APX-28(V) TRANSPONDER SET AND REMOVE THE TRANSPONDER SET AND THE REMAINING CABLES. IN CIC REMOVE CONTROL UNIT C-6280A(P)APX-72 AND THE ASSOCIATED CONTROL CASE AND CABLE. IN 01-57-2-Q INSTALL RECEIVER-TRANSMITTER RADAR RT-1836(C)/APX-118(V) AND ASSOCIATED MOUNTING BASE. IN CIC, INSTALL RADAR CONTROL TRANSMITTER C-12664/APX AND ASSOCIATED ELECTRONICS COMMUNICATION CASE. POC: RON GATES, 301-995-8867, GATES@COMPLIANCECORPORATION.COM.

Task/Abbreviation: K-45511-105- -SHIPALT LSD41-01360K - ACCOMP			MJC: CXSAK237		Rev Date: 2/28/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 38,000	ManDays: 25	Alt No: SAMCM1 00317 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45511-105) SHIPALT LSD41-01360K, TRANSPONDER SET AN/APX-118(V), NOT ACCOMPLISHED	ACCOMPLISH SHIPALT LSD41-01360K, WHICH THE REMOVAL OF EXISTING IFF TRANSPONDER SET AN/APX-72, AND INSTALL THE IFF TRANSPONDER SET AN/APX-118(V) WHICH INTERFACES WITH EXISTING IFF SYSTEM AN/UPX-23 OR AN/UPX-27. UPGRADE FOR AIMS MK XII IFF TRANSPONDER SYSTEM AS WELL AS PREPARE FOR NEW MODE 5 AND MODE S CAPABILITIES. UPGRADE WILL USE EXISTING ANTENNA AND TRANSMISSION LINE BETWEEN THE ANTENNA AND THE EQUIPMENT SPACE WHILE REPLACING ALL OTHER UNITS AND CABLING IN CIC AND RADAR ROOM. POC: RON GATES, 301-995-8867, GATES@COMPLIANCECORPORATION.COM.

Task/Abbreviation: K-45511-107- -SHIPALT MCM1-74470K - ACCOMP			MJC: CXSAK242		Rev Date: 10/5/2008
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: SAMCM 74470 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-45511-107) SHIPALT MCM1-74470K, PEOC4I AN/URN-31(V)1 AIS PHASE, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-74470K, (SCD 4470), WHICH PROVIDES THE AN/URN-31(V)1 AIS PHASE 1A SYSTEM. AN/URN-31(V)1 INCLUDES THE FOLLOWING HARDWARE/SOFTWARE CONFIGURATION: ONE GPS ANTENNA PLUS A VHF ANTENNA ON TOPSIDE. AN AIS TRANSPONDER, A LAPTOP WITH TV32 V7.7.4 SOFTWARE, ASSOCIATED CABLES AND CONNECTORS BELOW DECK. AN UNCLASS NETWORK DROP INSTALLED ON THE BRIDGE FOR LAPTOP INTERFACE AND RECEIVED INFORMATION WILL BE DISPLAYED ON THE LAPTOP DISPLAY. THIS ALT APPLIES TO A FORWARD FIT AND BACK FIT CONFIGURATION. THE BACK FIT CONFIG APPLIES TO PLATFORMS FIELDIED WITH AIS NON-POR INSTALLATION UNDER SCD-1442. THIS ALT CANCELS SCD-1442. EXISTING GPS/VHF ANTENNAS AND TRANSPONDER EQUIPMENT MAY REQUIRE EQUIPMENT CHANGE OUT AND RELOCATION TO MATCH AN/URN-31(V)1 CONFIGURATION. POC: KARI ATKINS, 858-537-8621, KARI.ATKINS@NAVY.MIL OR JOE GALLAGHER, 619-524-7366, JOE.GALLAGHER@NAVY.MIL OR MELODI GLANDON, 619-524-3617, MELODI.GLANDON@NAVY.MIL OR TEM BURAGIN, 619-553-5415, TEM.BURAGIN@NAVY.MIL

Task/Abbreviation: K-45511-124- -SHIPALT MCM1-70430K - ACCOMP**MJC:** EXSAK816**Rev Date:** 7/1/2011**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:** SAMCM 70430 K**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-45511-124) SHIPALT MCM1-70430K, MARK XIIA
MODE 5 IFF SYSTEM, NOT ACCOMPLISHEDACCOMPLISH SHIPALT MCM1-70430K, 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. POC, VALERIE SUIT
(301)995-8585, SUITV@COMPLIANCECORPORATION.COM OR ROD
WOLFE, 301-995-6005, RODRIC.WOLFE@BAESYSTEMS.COM

Task/Abbreviation: I-45511-A01- -AN/APX-123 - MRC FVF6**MJC:** CXCID07**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:**

BASELINE

Problem Description:(I-45511-A01)THE AN/APX-123 TRANSPONDER SET
REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE AN/APX-123 TRANSPONDER SET ASSESSMENT IN
ACCORDANCE WITH MRC FVF6 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: I-46511-013- -AN/SQH-4B CTD RCDR - MRC FGP5**MJC:** EXECIBG2**Rev Date:** 1/30/2008**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:**

BASELINE

Problem Description:

(I-46511-013)THE AN/SQH-4B BATTLE SPACE PROFILER ACQUISITION SYSTEM REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/SQH-4B BATTLE SPACE PROFILER ACQUISITION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC FGP5 AS FOLLOWS: 1. INSPECT CTD RECORDER COMPONENTS FOR DAMAGED, LOOSE, OR MISSING PARTS; AND FOR CORROSION. 2. VISUALLY INSPECT CTD RECORDER OIL LEVEL IN NYLON CAPILLARY TUBE ASSEMBLY. 3. CLEAN CTD RECORDER CONDUCTIVITY CELL. 4. FILL CTD RECORDER CONDUCTIVITY CELL WITH DISTILLED WATER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-46511-015- -AN/SQH-4B WINCH - MRC N1G9**MJC:** EXECIBG4**Rev Date:** 9/24/2008**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:**

BASELINE

Problem Description:

(I-46511-015)THE AN/SQH-4B BATTLE SPACE PROFILER ACQUISITION SYSTEM REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/SQH-4B BATTLE SPACE PROFILER ACQUISITION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC N1G9 AS FOLLOWS: 1. INSPECT CTD WINCH ASSEMBLY FOR DAMAGED, LOOSE, OR MISSING PARTS; AND FOR CORROSION. 2. INSPECT CTD WINCH ASSEMBLY CHAIN TENSION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-46511-017- -AN/SQH-4B SSS WINCH - MRC FGQ8**MJC:** EXECIBG6**Rev Date:** 1/30/2008**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:**

BASELINE

Problem Description:

(I-46511-017)THE AN/SQH-4B BATTLE SPACE PROFILER ACQUISITION SYSTEM REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/SQH-4B BATTLE SPACE PROFILER ACQUISITION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC FGQ8 AS FOLLOWS: 1. INSPECT SSS POWER AND DATA CABLE CONNECTIONS. 2. INSPECT FANTAIL COMPONENT CONNECTIONS AND MOUNTING. 3. LUBRICATE SHEAVE CRADLE ASSEMBLY, SSS WINCH, AND TOWFISH CONNECTION. 4. PERFORM SSS COMPUTER, TPU, AND TOWFISH DECK CHECKS. 5. PERFORM SSS WINCH DECK 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: O-46511-027- -FC 70496 AN/SQH-4 - ACCOMP**MJC:** EXECIGQ4**Rev Date:** 9/6/2006**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 70496**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-46511-27) FC 70496 AN/SQH-4 CASS/GRAB BSP
UPGRADE, NOT ACCOMPLISHEDACCOMPLISH FC 70496 AN/SQH-4 CASS/GRAB BSP UPGRADE WHICH
INSTALLATION OF NEW BSP SOFTWARE UTILIZING THE CASS/GRAB
SONAR MODEL INSTEAD OF THE CURRENT CASTAR SONAR MODEL.
PMS 495, ALONG WITH NAVO AND CMWC, NAVSEA 04 DECIDED THAT
THE SONAR PREDICTION ALGORITHM CONTAINED WITHIN AN/SQH-4
AND MEDAL SHOULD BE IDENTICAL AND SHOULD BE THE
CURRENTLY OAML APPROVED MODEL. CASS/GRAB IS THE OAML
APPROVED SONAR PREDICTION ALGORITHM AND WORK IS
CURRENTLY UNDERWAY TO DEVELOP THE SHELL GRAPHICAL USER
INTERFACES REQUIRED TO MAKE THIS MODEL OPERATIONAL
WITHIN BOTH AN/SQH-4 AND MEDAL.

Task/Abbreviation: K-46511-028- -SHIPALT MCM1-70674K - ACCOMP			MJC: EXSAO205		Rev Date: 2/16/2010	
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: SAMCM 70674 K	
Referenced Authority:		Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-46511-28) SHIPALT MCM1-70674K, BSPyBOTTOMySEDIMENTyCLASSIFIER, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-70674K WHICH CONSISTS OF BOTH SOFTWARE INTEGRATION WITH THE SOFTWARE RESIDING IN THE BSP COMPUTER SYSTEM AND ALSO OF HARDWARE MODIFICATIONS. THE HW MODS INCLUDE THE ADDITION OF A JUNCTION BOX IN THE CHART ROOM TO SHARE THE RAW DATA FROM THE UQN-4 DEPTH SOUNDER SYSTEM, AND RUNNING AN ETHERNET CABLE FROM THE CHART ROOM TO CIC. A CCA WILL BE INSTALLED WITHIN THE BSP COMPUTER SYSTEM TO ENABLE INTERFACE WITH THE RD INSTRUMENTS DOPPLER SYSTEM. A TRANSMISSOMETER WILL BE INSTALLED ON THE BSP CTD PROBE FOR THE HYDRO OPTICS PACKAGE. THESE IMPROVEMENTS TO THE BSP SYSTEM MAKE IT AN IN-SITU REAL TIME ENVIRONMENTAL DATA COLLECTION SYSTEM. POC: CHRIS MEUNIER, 850-235-5898, CHRISTOPHER.MEUNIER@NAVY.MIL OR GEORGE SAROCH, 202-781-3621, GEORGE.SAROCH@NAVY.MIL OR MICHELLE PARSONS, 850-636-2719, MICHELLE.PARSONS@NAVY.MIL

Task/Abbreviation: K-46511-029- -SHIPALT MCM1-70494K - ACCOMP**MJC:** EXSAK854**Rev Date:** 8/12/2008**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:** SAMCM 70494 K**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-46511-29) SHIPALT MCM1-70494K,
KLEINýSIDEýSCANýSONARýINSTALL, NOT
ACCOMPLISHEDACCOMPLISH SHIPALT MCM1-70494K WHICH PROVIDES FOR
INSTALLATION OF THE KLEIN SIDE SCAN SONAR. THE KLEIN SIDE
SCAN SONAR SYSTEM IS A MODULAR UNIT OF THE AN/SQH-4B
BATTLE SPACE PROFILER SYSTEM WHICH COLLECTS BOTTOM
SEDIMENT INFORMATION AS WELL AS BOTTOM CONTACT
INFORMATION DURING Q-ROUTE SURVEYS. SHIPALT 293K INSTALLS
THE PERMANENT PARTS OF THE KLEIN SIDE SCAN SONAR SYSTEM
ONBOARD MCM CLASS SHIPS, WHICH CONSIST OF A JUNCTION BOX
ON THE FANTAIL, DECK PUCKS ON THE FANTAIL DECK AND CABLING
FROM THE FANTAIL TO CIC. THESE MODIFICATIONS ARE REQUIRED
IN ORDER FOR THE MODULAR UNITS OF THE KLEIN TO BE ABLE TO
BE UTILIZED ONBOARD. POC: CDR GEORGE SAROCH, 202-781-3621,
GEORGE.SAROCH@NAVY.MIL

Task/Abbreviation: K-47111-123- -SHIPALT MCM1-70489K - ACCOMP			MJC: CXSAK164		Rev Date: 2/16/2010
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: SAMCM 70489 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-47111-123) SHIPALT MCM1-70489K, AAG, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-70489K WHICH UPGRADES THE ACOUSTIC MINESWEEPING SYSTEM (PART OF THE AN/SLQ-37(V), INFLUENCE MINESWEEPING SYSTEM) BY INSTALLING (1EA) ADVANCED ACOUSTIC GENERATOR (AAG) AND (1EA) INFRASONIC ACOUSTIC GENERATOR (IAAG). THESE UNITS REPLACE THE CURRENT ACOUSTIC DEVICES TB-27 AND TB-26 RESPECTIVELY. THE NEW DEVICES ARE SELF-POWERED AND WILL BE TOWED FROM THE DEPRESSOR WIRE DRUM OF THE EXISTING MECHANICAL MINESWEEPING WINCH. THE POWER CABLE, CABLE REEL, AND ALL ASSOCIATED POWER AND HYDRAULICS (INCLUDING THE POWER CONVERTER UNIT) ARE NO LONGER REQUIRED AND WILL BE REMOVED. POC: ANDY TATEM, 850-234-4001, ANDREW.TATEM@NAVY.MIL OR KARL MORRIS, 850-234-4182, KARL.MORRIS@NAVY.MIL OR MICHELLE PARSONS, 850-636-2719, MICHELLE.PARSONS@NAVY.MIL

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: 3	Alt No: EC 9
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-47311-019- -EC 9 RS-422 - ACCOMP				MJC: CXSAO461		Rev Date: 10/5/2006					
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 9 RS-422	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47311-19) EC 9 RS-422 INTERFACE, NOT ACCOMPLISHED.	ACCOMPLISH EC 9 RS-422 INTERFACE, WHICH PROVIDE AN RS-422 INTERFACE TO THE AN/UQN-4A SONAR SOUNDING SETS THAT HAVE NAVSSI INTERFACE REQUIREMENTS.

Task/Abbreviation: I-47511-003- -DEGAUSSING SYS - MRC 8HDZ**MJC:** EXECI856**Rev Date:** 6/12/2007**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:** 2**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-47511-003)THE AUTOMATIC DEGAUSSING
MDG-1701 REQUIRES ASSESSMENT.ACCOMPLISH THE AUTOMATIC DEGAUSSING MDG-1701
ASSESSMENT IN ACCORDANCE WITH MRC 8HDZ 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: I-47511-019- -DEGAUSSING SYS - MRC 9ELV**MJC:** EXECI872**Rev Date:** 6/12/2007**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:****Problem Description:****Recommended Solution:**

BASELINE

(I-47511-019)THE AUTOMATIC DEGAUSSING
MDG-1701 4751 REQUIRES ASSESSMENT.ACCOMPLISH THE AUTOMATIC DEGAUSSING MDG-1701 4751
ASSESSMENT IN ACCORDANCE WITH MRC 9ELV AS FOLLOWS: 1.
CLEAN AND INSPECT DEGAUSSING LOAD MATCHING RESISTOR
BOXES D1, D2, D3, AND D4. REPORT CONDITIONS FOUND TO SHIP'S
CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE
SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO,
BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47511-021- -DEGAUSSING SYS - MRC 8HEA			MJC: EXECI874		Rev Date: 6/12/2007
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:	Problem Description:	Recommended Solution:
BASELINE	(I-47511-021)THE AUTOMATIC DEGAUSSING MDG-1701 4751 REQUIRES ASSESSMENT.	ACCOMPLISH THE AUTOMATIC DEGAUSSING MDG-1701 4751 ASSESSMENT IN ACCORDANCE WITH MRC 8HEA AS FOLLOWS: 1. PERFORM OPERATIONAL ZONE PRECHECKS FOR MAGNETOMETER. 2. PERFORM OPERATIONAL ZONE PRECHECKS FOR NORTH/SOUTH HEMISPHERE MANUAL CALIBRATION. 3. PERFORM OPERATIONAL ZONE PRECHECKS FOR NORTH/SOUTH HEADING MANUAL CALIBRATION. 4. PERFORM OPERATIONAL ZONE PRECHECKS FOR EAST/WEST HEADING MANUAL CALIBRATION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47511-028- -DEGAUSSING SYS - MRC 9LDT**MJC:** CXECIC26**Rev Date:** 6/12/2007**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-47511-028)THE AUTOMATIC DEGAUSSING
MDG-1701 REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE AUTOMATIC DEGAUSSING MDG-1701
ASSESSMENT IN ACCORDANCE WITH MRC 9LDT AS FOLLOWS:1.
MEASURE RESISTANCE OF DEGAUSSING COILS. REPORT
CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: I-47611-001- -MAG MS GT GEN SET- ASSESS**MJC:** CXECI078**Rev Date:** 7/1/2008**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 2**Freq:** 18**Equip/Task:** 1**Matl Cost:****ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-47611-1)THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SET REQUIRES ASSESSMENT.

ACCOMPLISH THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SET ASSESSMENT 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. ONCE PRIOR TO PLANNED DEPOT LEVEL AVAILABILITIES TO IDENTIFY MAINTENANCE/REPAIR REQUIREMENTS AND NOT TO EXCEED 24 MONTH INTERVAL. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-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-47611-002- -MAG MS GT GEN PT - CLN/POLISH			MJC: CEXECQ084		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 135	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47611-002)COMMUTATORS AND SLIP RINGS REQUIRE CLEANING AND POLISHING	CLEAN AND POLISH COMMUTATORS AND SLIP RINGS (IN PLACE) ON THE MINESWEEPING GENERATOR. REPLACE BRUSHES. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL.

Task/Abbreviation: Q-47611-008- -MAG MS GT GEN RESIL MT - REPL				MJC: EXECQA67		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-47611-008)RESILIENT MOUNT REQUIRES REPLACEMENT		REPLACE THE RESILIENT MOUNTS OF THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SET IN ACCORDANCE WITH APPLICABLE TECHNICAL MANUAL AND PER CONDITION ASSESSMENT RECOMMENDATIONS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. STAMP INSTALLATION DATE OF RESILIENT MOUNTS ON DESIGNATED LOCATION. NOTES: 1. DEFERRAL OF THIS TASK AND EXTENDING THE MOUNT LIFE BEYOND THE NAVSEA APPROVED PERODICITY REQUIRES A DEPARTURE FROM SPECIFICATIONS (DFS) ISSUED BY THE TYPE COMMANDER.	

Task/Abbreviation: Q-47611-010- -MAG MS GT GEN RDCN GR BOX-REPL				MJC: EXECQA73		Rev Date: 11/7/2007					
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-47611-010)REDUCTION GEAR BOX FAILURE.				REPLACE THE REDUCTION GEAR BOX OF THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SET. CONDUCT OPERATIONAL TESTS.					

Task/Abbreviation: Q-47611-011- -MAG MS GT GEN - RPR			MJC: EXECQA78		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-47611-011)GENERATOR REQUIRES REPAIR	REMOVE END COVERS & INNER AIR SHIELDS OF GENERATOR OF MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SET FOR INSP & REPAIRS. INSPECT FIELD ROTOR FAN RING ASSEMBLIES. MEASURE IR OF FIELD & STATOR WINDINGS. VERIFY CONTINUITY OF RTD'S CIRCUITRY. MEASURE & RECORD AS FOUND & POST REPAIRS CLEARANCES & ALIGN DATA. REPORT CONDITIONS FOUND TO SHIP'S CSMP. CLEAN BRUSH RIGGING IN PLACE WITH APPROVED SOLVENTS. REPLACE & SEAT COLLECTOR RING BRUSHES. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM FOLLOWING LIST, REASSEMBLE UNIT USING JOINT SEALANTS & NEW GASKETS. ACCOMPLISH OP TESTS (MINESWEEP/SHIP SERVICE) & VIBRATION ANALYSIS SURVEY. A. CLN STATOR & ROTOR WDG. PROVIDE IR RDNG ON COMPL. B. RESURFACE AND MACHINE JOURNAL. C. MACH AND/OR POLISH COLLECTOR RING ASSY IN PLACE. D. REWIND OR REPLACE FIELD. E. REWIND STATOR OR REPLACE STATOR ASSEMBLY. F. REBABBITT OR REPLACE GENERATOR JOURNAL BEARING. G. REPLACE OIL DEFLECTORS. NOTES: 1. GEN STATOR SPACE HEATERS TO BE ENERGIZED.

Task/Abbreviation: Q-47611-012- -MAG MS GT GEN AIR CLR - RPR				MJC: EXECQA79		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-47611-012)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-47611-013- -MAG MS GT GEN SET - ALIGN			MJC: EXECQA84		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	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-47611-013)GENERATOR REQUIRES ALIGNMENT	ALIGN THE GENERATOR OF THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SET PER CONDITION ASSESSMENT RECOMMENDATIONS. MEASURE AND RECORD AS- FOUND CLEARANCES AND ALIGNMENT DATA. AFTER JOURNAL BEARING REPLACEMENT AND OTHER ALIGNMENT ADJUSTMENTS, ENSURE BEARING, FIELD ROTOR AND STATOR ARE ALL WITHIN THE SAME CENTERLINE AND THAT THE FIELD ROTOR IS SATISFACTORILY ALIGNED TO THE REDUCTION GEAR LOW SPEED SHAFT. A. ACCOMPLISH REQUIRED ALIGNMENT CORRECTIONS. B. INSTALL NEW GENERATOR STATOR-TO-FOUNDATIONS DOWELS. REPORT CONDITIONS FOUND TO SHIP'S CSMP.

Task/Abbreviation: I-47611-014- -SSPG - INSP/TST				MJC: EXECI269		Rev Date: 7/31/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		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-47611-014)SOLID STATE PULSE GENERATOR (SSPG) REQUIRES INSPECTION.	INSPECT AND TEST THE SOLID STATE PULSE GENERATOR (SSPG). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47611-015- -ISWG - INSP/TST				MJC: EXECI270		Rev Date: 9/13/2007					
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-47611-015)THE INFLUENCE SWEEPING WAVEFORM GENERATOR (ISWG) REQUIRES INSPECTION.	INSPECT AND TEST THE INFLUENCE SWEEPING WAVEFORM GENERATOR (ISWG). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47611-016- -1SF 400HZ SWBD - INSP/TST/ADJ**MJC:** EXECI273**Rev Date:** 10/27/2010**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:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-47611-016)THE 1SF 400HZ SWITCHBOARD
REQUIRES INSPECTION AND TESTING.

VISUALLY INSPECT AND ACCOMPLISH AN INFRARED SURVEY ON THE 1SF 400HZ SWITCHBOARD TO ENSURE TIGHTNESS OF THE BUS BAR AND CONDUCTOR TERMINALS/LUGS. TEST AND ADJUST IN PLACE ALL RELAYS AND CIRCUIT BREAKERS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. TO INCLUDE 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). 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. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47611-019- -2SF MS SWBD - INSP/TST/ADJ**MJC:** EXECI278**Rev Date:** 12/14/2009**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-47611-019)THE 2SF MINESWEEPING
SWITCHBOARD REQUIRES INSPECTION.VISUALLY INSPECT AND ACCOMPLISH AN INFRARED SURVEY ON
THE 2SF MINESWEEPING SWITCHBOARD TO ENSURE TIGHTNESS OF
THE BUS BAR AND CONDUCTOR TERMINALS/LUGS. TEST AND
ADJUST IN PLACE ALL RELAYS AND CIRCUIT BREAKERS. REPORT
CONDITIONS FOUND TO SHIP'S CSMP. TO INCLUDE 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). 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.
PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND
POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64)
IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47611-021-A-STERN CRANE - LD TST			MJC: EXECM008		Rev Date: 9/12/2007
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-47611-021)NSTM REQUIREMENT DUE	IAW NSTM CH-589, PARA. 589-5.5.1 AND PARA. 6.3.1.2, INSPECT AND CONDUCT STATIC, DYNAMIC AND WORKING LOAD WEIGHT TEST OF THE STERN CRANES. REPORT CONDITIONS FOUND TO THE NSA. NOTE: 1. LOAD-TESTING IS REQUIRED AFTER REPAIR OR REPLACEMENT OF LOAD-BEARING COMPONENTS OR EQUIPMENT REMOVAL. PROVIDE "AS-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-47611-025- -AER MCM1-00793 - ACCOMP				MJC: EXTYA555		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:		Alt No: TYMCM 00793	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(A-47611-25) AER MCM1-00793, INSTALL SHEAVE LUBE SYS MOD, NOT ACCOMPLISHED				ACCOMPLISH AER MCM1-00793 WHICH INSTALLS ZERK FITTING IN INSTRUMENTED SHEAVE ASSEMBLY.					

Task/Abbreviation: Q-47611-027- -(M)MAG MS GTG LO CLR - CLN			MJC: EXECQBE3		Rev Date: 11/7/2007
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 24	Equip/Task: 1	Matl Cost: 500	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47611-027)IAW MCM - 1 CLASS ADVISORY 01-03, THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR (MMGTG) LUBE OIL COOLER REQUIRES CLEANING.	REMOVE THE MMGTG LUBE OIL COOLER FROM THE SHIP. DISASSEMBLE COOLER ASSY. DISCARD GASKETS, O-RINGS, LANTERN RING AND PROTECTOR ROD/ZINC ASSEMBLIES (ENSURE NEW PARTS ARE AVAILABLE). INSPECT AND CLEAN COOLER SHELL ASSY, BONNET ASSEMBLIES AND CHEMICALLY CLEAN TUBE BUNDLE. INSPECT TUBE BUNDLE TUBES FOR INTERNAL AND EXTERNAL EROSION AND PITTING. NO REPAIR TO TUBE BUNDLE IS AUTHORIZED (REPLACE IF DEFECTIVE). ASSEMBLE COOLER WITH NEW GASKETS, O-RINGS, LANTERN RING AND ZINC ASSEMBLIES USING SEAL PARTS KIT (PART # 5 199-00-000-024, NSN 4130-01-565-5614). ENSURE ONLY OEM PARTS ARE UTILIZED DURING REASSEMBLY (NO FABRICATED MATERIAL IS AUTHORIZED FOR COOLER REASSEMBLY). HYDROSTATICALLY TEST COOLER SHELL SIDE TO 150 PSIG AND TUBE SIDE TO 100 PSIG, NO LEAKAGE ALLOWED. REINSTALL LUBE OIL COOLER ON SHIP. PERFORM OP TEST UPON COMPLETION OF COOLER INSTALLATION. FOR MMGTG LUBE OIL COOLER REFER TO MMGTG O & I LEVEL TECH MANUAL S9234-FG-MMM-010, VOL 1. DOCUMENT TASK ACCOMPLISHMENT IN SHIPS FORCE MMGTG MARINE GAS TURBINE EQUIP LOGBOOK (MGTEL) UNDER MISC HISTORY SECTION

Task/Abbreviation: Q-47611-028- -(M)MAG MS GTG LO CLR - REPL			MJC: EXECM034		Rev Date: 5/7/2003
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 72	Equip/Task: 1	Matl Cost: 5,000	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47611-028)MCM-1 CLASS ADVISORY 01-03 REQUIREMENT DUE	IAW MCM - 1 CLASS ADVISORY 01-03, REMOVE THE MMGTG LUBE OIL COOLER. DISASSEMBLE COOLER ASSEMBLY. DISCARD TUBE BUNDLE CORE, GASKETS, O-RINGS, LANTERN RING AND PROTECTOR ROD (ZINC ASSEMBLIES). NO REPAIR TO THE TUBE BUNDLE IS AUTHORIZED. INSP AND CLEAN COOLER SHELL ASSEMBLY AND BONNET ASSEMBLIES. INSTALL NEW TUBE BUNDLE, GASKETS, O-RINGS, LANTERN RING AND ZINC ASSEMBLIES USING SEAL PARTS KIT (PART # 5 199-00-000-024, NSN 4130-01-565-5614). ENSURE ONLY OEM PARTS ARE UTILIZED DURING REASSEMBLY (NO FABRICATED MATERIAL IS AUTHORIZED FOR COOLER REASSEMBLY). HYDROSTATICALLY TEST COOLER SHELL SIDE TO 150 PSIG AND TUBE SIDE TO 100 PSIG, NO LEAKAGE ALLOWED. REINSTALL LUBE OIL COOLER. REPORT CONDITIONS FOUND TO THE NSA. PERFORM OP TEST UPON COMPLETION OF COOLER INSTALLATION. FOR MMGTG LUBE OIL COOLER REFER TO MMGTG O & I LEVEL TECHNICAL MANUAL S9234-FG-MMM-010, VOL 1. DOCUMENT TASK ACCOMPLISHMENT IN SHIP'S FORCE MMGTG MARINE GAS TURBINE EQUIPMENT LOGBOOK (MGTEL) UNDER MISC HISTORY SECTION. PROVIDE "AS-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-47611-029- -(M)DC GEN BRG LO CLR - CLN**MJC:** EXECQBE6**Rev Date:** 11/7/2007**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 24**Equip/Task:** 1**Matl Cost:** 400**ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 4**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-47611-029)IAW MCM - 1 CLASS ADVISORY 01-03, THE MAGNETIC MINESWEEPING GAS TURBINE (MMGT) DC GENERATOR BEARING LUBE OIL COOLER REQUIRES CLEANING.

REMOVE THE MMGT DC GENERATOR BEARING LUBE OIL COOLER FROM THE SHIP. DISASSEMBLE COOLER ASSEMBLY. DISCARD GASKETS AND O-RINGS (ENSURE NEW PARTS ARE AVAILABLE). INSPECT AND CLEAN COOLER SHELL ASSEMBLY, BONNET ASSEMBLIES AND CHEMICALLY CLEAN TUBE BUNDLE. INSPECT TUBE BUNDLE TUBES FOR INTERNAL AND EXTERNAL EROSION AND PITTING. NO REPAIR TO TUBE BUNDLE IS AUTHORIZED (REPLACE IF DEFECTIVE). ASSEMBLE COOLER WITH NEW GASKETS AND O-RINGS. ENSURE ONLY OEM PARTS ARE UTILIZED DURING REASSEMBLY (NO FABRICATED MATERIAL IS AUTHORIZED FOR COOLER REASSEMBLY). HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES TO 115 PSIG, NO LEAKAGE ALLOWED. REINSTALL LUBE OIL COOLER ON SHIP. PERFORM OPERATIONAL TEST UPON COMPLETION OF COOLER INSTALLATION. FOR MMGT DC GENERATOR LUBE OIL COOLER REFER TO MAGNETIC MINESWEEP DC GENERATOR OPERATION AND MAINTENANCE TM S6265-AP-MMA-010. DOCUMENT TASK ACCOMPLISHMENT IN SHIP'S FORCE MMGTG MARINE GAS TURBINE EQUIPMENT LOGBOOK (MGTEL) UNDER MISC HISTORY SECTION.

Task/Abbreviation: Q-47611-030- -(M)DC GEN BRG LO CLR - REPL**MJC:** EXECM033**Rev Date:** 5/7/2003**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 72**Equip/Task:** 1**Matl Cost:** 4,000**ManDays:** 5**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 4**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-47611-030)MCM-1 CLASS ADVISORY 01-03
REQUIREMENT DUE

IAW MCM - 1 CLASS ADVISORY 01-03, REMOVE THE MGMT DC GENERATOR BEARING LUBE OIL COOLER. DISASSEMBLE COOLER ASSEMBLY. DISCARD TUBE BUNDLE CORE, GASKETS AND O-RINGS (NO REPAIR TO THE TUBE BUNDLE IS AUTHORIZED). INSPECT AND CLEAN COOLER SHELL ASSEMBLY AND BONNET ASSEMBLIES. INSTALL NEW TUBE BUNDLE, GASKETS AND O-RINGS. ENSURE ONLY OEM PARTS ARE UTILIZED DURING REASSEMBLY (NO FABRICATED MATERIAL IS AUTHORIZED FOR COOLER REASSEMBLY). HYDROSTATICALLY TEST COOLER SHELL AND TUBE SIDES TO 115 PSIG, NO LEAKAGE ALLOWED. REPORT CONDITIONS FOUND TO THE NSA. REINSTALL LUBE OIL COOLER. PERFORM OP TEST UPON COMPLETION OF COOLER INSTALLATION. FOR MGMT DC GENERATOR LUBE OIL COOLER REFER TO MAGNETIC MINESWEEP DC GENERATOR OPERATION AND MAINTENANCE TM S6265-AP-MMA-010. DOCUMENT TASK ACCOMPLISHMENT IN SHIP'S FORCE MGMTG MARINE GAS TURBINE EQUIPMENT LOGBOOK (MGTEL) UNDER MISC HISTORY SECTION. PROVIDE "AS-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-47611-038- -MS GT GEN AIR CLR - PLUG TB			MJC: EXECJ416		Rev Date: 5/16/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47611-038)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-47611-039- -MS GT GEN AIR CLR-REPL BUNDLE			MJC: EXECJ417		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47611-039)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-47611-040- -MS GT GEN AIR CLR - REPL TB			MJC: EXECJ418		Rev Date: 5/16/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47611-040)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-47611-041- -MS GT GEN AIR CLR - REPL ZINCS				MJC: EXECJ419		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 500		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-47611-041)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-47611-042- -MS GT GEN AIR CLR - REROLL TB			MJC: EXECJ420		Rev Date: 7/13/2004
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47611-042)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-47611-043- -MS GT GEN AIR CLR - RPR TB SH				MJC: EXECJ421		Rev Date: 7/14/2004					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 2		Freq: 0		Equip/Task: 1		Matl Cost: 500		ManDays: 3		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47611-043)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-47611-044- -MS GT GEN AIR CLR-RPR TB SPRTS			MJC: EXECJ422		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 500	ManDays: 3	Alt No:
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47611-044)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: I-47611-052- -MS GEN - MRC 8FCW**MJC:** EXECI881**Rev Date:** 9/26/2008**RCM Analysis:** 7/7/2008**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**Reason:**

BASELINE

Problem Description:(I-47611-052)THE MINE SWEEPING GENERATOR
REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE MINE SWEEPING GENERATOR ASSESSMENT IN
ACCORDANCE WITH MRC 8FCW AS FOLLOWS: 1. MEASURE
MINESWEEPING GENERATOR 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-47611-053- -ACOUSTIC CABLE REEL - MRC 9CKX**MJC:** CXECIAT9**Rev Date:** 9/26/2008**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-47611-053)THE ACOUSTIC CABLE REEL
REQUIRES ASSESSMENT.ACCOMPLISH THE ACOUSTIC CABLE REEL ASSESSMENT IN
ACCORDANCE WITH MRC 9CKX AS FOLLOWS: 1. VISUALLY INSPECT
ACOUSTIC CABLE REEL. 2. TEST OPERATE ACOUSTIC CABLE REEL.
3. TEST OPERATE ACOUSTIC CABLE REEL IN CROSS-CONNECT
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-47611-054- -ACOUSTIC CABLE REEL - MRC 9CTX			MJC: CXECIAU0		Rev Date: 9/26/2008					
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-47611-054)THE ACOUSTIC CABLE REEL REQUIRES ASSESSMENT.	ACCOMPLISH THE ACOUSTIC CABLE REEL ASSESSMENT IN ACCORDANCE WITH MRC 9CTX AS FOLLOWS: 1. VISUALLY INSPECT ACOUSTIC CABLE REEL. 2. TEST OPERATE ACOUSTIC CABLE REEL. 3. TEST OPERATE ACOUSTIC CABLE REEL IN CROSS-CONNECT 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-47611-055- -AN/SLQ-48 VHS - MRC 6VSR			MJC: CXECIAU1		Rev Date: 9/24/2008
RCM Analysis: 9/25/2006	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 3	Freq: 18	Equip/Task: 1	Matl Cost: 20	ManDays: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47611-055)THE AN/SLQ-48 CRANE VEHICLE HANDLING SYSTEM (VHS) REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 CRANE VEHICLE HANDLING SYSTEM (VHS) ASSESSMENT IN ACCORDANCE WITH MRC 6VSR AS FOLLOWS: 1. INSPECT VEHICLE HANDLING 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-47611-057- -HYDR PWR UNIT CONT - MRC 8FBR			MJC: CXECIAU3		Rev Date: 9/26/2008
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-47611-057)THE HYDRAULIC POWER UNIT ASSEMBLY REQUIRES ASSESSMENT.	ACCOMPLISH THE HYDRAULIC POWER UNIT ASSEMBLY ASSESSMENT IN ACCORDANCE WITH MRC 8FBR AS FOLLOWS: 1. INSPECT POWER UNIT ASSEMBLY HYDRAULIC PUMP MOTOR CONTROLLERS; MEASURE CONTROLLERS AND AC MOTORS 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-47611-058- -HYDR PWR UNIT ASSY - MRC 8FBN			MJC: CXECIAU4		Rev Date: 9/26/2008
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-47611-058)THE HYDRAULIC POWER UNIT ASSEMBLY REQUIRES ASSESSMENT.	ACCOMPLISH THE HYDRAULIC POWER UNIT ASSEMBLY ASSESSMENT IN ACCORDANCE WITH MRC 8FBN AS FOLLOWS: 1. VISUALLY INSPECT PORT AND STARBOARD HYDRAULIC POWER UNITS (HPUS). 2. TEST OPERATE PORT AND STARBOARD HYDRAULIC POWER UNITS (HPUS). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47611-059- -MINESWEEPING WINCH - MRC 9CTD**MJC:** CXECIAU5**Rev Date:** 9/26/2008**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:**

BASELINE

Problem Description:

(I-47611-059)THE MINESWEEPING WINCH REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE MINESWEEPING WINCH ASSESSMENT IN ACCORDANCE WITH MRC 9CTD AS FOLLOWS: 1. VISUALLY INSPECT MINESWEEPING WINCH. 2. TEST OPERATE MINESWEEPING WINCH. 3. TEST OPERATE MINESWEEPING WINCH IN CROSS-CONNECT MODE. 4. VISUALLY INSPECT LEVEL WIND ASSEMBLY. 5. TEST OPERATE LEVEL WIND ASSEMBLY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47611-060- -MAG MS GTG SYS - MRC 8FDC			MJC: CXECIAU6		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-47611-060)THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 8FDC AS FOLLOWS: 1. INSPECT EMERGENCY QUICK-CLOSING VALVE OPERATING ASSEMBLY. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47611-061- -MAG MS GTG SYS - MRC 8FDL			MJC: CXECIAU7		Rev Date: 8/1/2005					
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-47611-061)THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 8FDL AS FOLLOWS: 1. CLEAN, INSPECT, AND TEST OPERATE ELECTROSTATIC PRECIPITATOR ASSEMBLY. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47611-062- -MAG MS GTG SYS - MRC 8FDM			MJC: CXECIAU8		Rev Date: 6/12/2007
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:	Problem Description:	Recommended Solution:
BASELINE	(I-47611-062)THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 8FDM AS FOLLOWS: 1. TEST DIFFERENTIAL PRESSURE SWITCH AND BLOW-IN DOOR LIMIT SWITCH. 2. LUBRICATE BLOW-IN DOOR ASSEMBLY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47611-065- -MAG MS GTG SYS - MRC 8ZRN			MJC: CXECIAV1		Rev Date: 8/1/2005					
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-47611-065)THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 8ZRN AS FOLLOWS: 1. TEST AND INSPECT WATERWASH MANIFOLD 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-47611-069- -MAG MS GTG SYS - MRC 9HFX			MJC: CXECIAV5		Rev Date: 8/1/2005					
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-47611-069)THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 9HFX AS FOLLOWS: 1. INSPECT MOISTURE SEPARATOR 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-47611-071- -MAG MS GTG SYS - MRC T1Q6				MJC: CXECIAV7		Rev Date: 9/26/2011					
RCM Analysis: 8/2/2004		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			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47611-071)THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC T1Q6 AS FOLLOWS: 1. INSPECT MINESWEEPING GENERATOR. 2. PERFORM POLARIZATION INDEX (PI) TEST ON MINESWEEP GENERATOR WINDINGS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47611-072- -MAG MS GTG SYS - MRC T1R1**MJC:** CXECIAV8**Rev Date:** 9/24/2008**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-47611-072)THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SYSTEM REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE MAGNETIC MINESWEEPING GAS TURBINE GENERATOR SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC T1R1 AS FOLLOWS: 1. INSPECT GAS TURBINE ENGINE EXTERNALS. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47611-073- -MINESWEEPING WINCH - MRC 9CJZ			MJC: CXECIAV9		Rev Date: 9/26/2008
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-47611-073)THE MINESWEEPING WINCH REQUIRES ASSESSMENT.	ACCOMPLISH THE MINESWEEPING WINCH ASSESSMENT IN ACCORDANCE WITH MRC 9CJZ AS FOLLOWS: 1. VISUALLY INSPECT MINESWEEPING WINCH. 2. TEST OPERATE MINESWEEPING WINCH. 3. TEST OPERATE MINESWEEPING WINCH IN CROSS-CONNECT MODE. 4. VISUALLY INSPECT AND TEST OPERATE LEVEL WIND ASSEMBLY. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47611-074- -NON-MAG STERN CRN - MRC 9CSY			MJC: CXECIAW0		Rev Date: 9/24/2008					
RCM Analysis: 9/25/2006		Scheduled: N		Sit Reqs:		Qty: 1	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-47611-074)THE NON-MAGNETIC STERN CRANE REQUIRES ASSESSMENT (ONLY APPLICABLE TO HULLS MCM 9-14).	ACCOMPLISH THE NON-MAGNETIC STERN CRANE ASSESSMENT IN ACCORDANCE WITH MRC 9CSY AS FOLLOWS: 1. VISUALLY INSPECT STERN CRANES. 2. TEST OPERATE STERN CRANES. 3. TEST OPERATE STERN CRANES IN CROSS-CONNECT 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-47611-075- -NON-MAG STERN CRN - MRC 9CJR**MJC:** CXECIAW1**Rev Date:** 9/26/2008**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:**

BASELINE

Problem Description:(I-47611-075)THE NON-MAGNETIC STERN CRANE
REQUIRES ASSESSMENT (ONLY APPLICABLE TO
HULLS MCM 1 - 8).**Recommended Solution:**ACCOMPLISH THE NON-MAGNETIC STERN CRANE ASSESSMENT IN
ACCORDANCE WITH MRC 9CJR AS FOLLOWS: 1. VISUALLY INSPECT
STERN CRANES. 2. TEST OPERATE STERN CRANES. 3. TEST
OPERATE STERN CRANES IN CROSS-CONNECT 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-47611-077- -HYDR PWR UNIT ASSY - MRC 9CRZ				MJC: CXECIBO6		Rev Date: 9/26/2008					
RCM Analysis: 7/7/2008		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			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47611-077)THE HYDRAULIC POWER UNIT ASSEMBLY REQUIRES ASSESSMENT.	ACCOMPLISH THE HYDRAULIC POWER UNIT ASSEMBLY ASSESSMENT IN ACCORDANCE WITH MRC 9CRZ AS FOLLOWS: 1. VISUALLY INSPECT PORT AND STARBOARD HYDRAULIC POWER UNITS (HPUS). 2. TEST OPERATE PORT AND STARBOARD HYDRAULIC POWER UNITS (HPUS). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47611-078- -MAG CABLE REEL - MRC 9CLD				MJC: CXECIBO7		Rev Date: 9/26/2008					
RCM Analysis: 7/7/2008		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			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47611-078)THE MAGNETIC CABLE REEL REQUIRES ASSESSMENT.	ACCOMPLISH THE MAGNETIC CABLE REEL ASSESSMENT IN ACCORDANCE WITH MRC 9CLD AS FOLLOWS: 1. VISUALLY INSPECT MAGNETIC MINESWEEPING CABLE REEL. 2. TEST OPERATE MAGNETIC MINESWEEPING CABLE REEL. 3. TEST OPERATE MAGNETIC MINESWEEPING CABLE REEL IN CROSS-CONNECT 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-47611-079- -MAG MS CABLE REEL - MRC 9CUJ			MJC: CXECIBO8		Rev Date: 9/26/2008					
RCM Analysis: 7/7/2008		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				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47611-079)THE MAGNETIC MINESWEEPING CABLE REEL REQUIRES ASSESSMENT.	ACCOMPLISH THE MAGNETIC MINESWEEPING CABLE REEL ASSESSMENT IN ACCORDANCE WITH MRC 9CUJ AS FOLLOWS: 1. VISUALLY INSPECT MAGNETIC MINESWEEPING CABLE REEL. 2. TEST OPERATE MAGNETIC MINESWEEPING CABLE REEL. 3. TEST OPERATE MAGNETIC MINESWEEPING CABLE REEL IN CROSS-CONNECT 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: K-47611-080- -SHIPALT MCM1-00320K - ACCOMP			MJC: EXSAK598		Rev Date: 6/24/2005	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 460,000	ManDays: 60	Alt No: SAMCM 00320 K	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-47611-80) SHIPALT MCM1-00320K, MAGNETIC MINESWEEP IMPROVEMENT, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-00320K WHICH UPGRADES THE MAG MINESWEEPING CABLES, WHICH IS PART OF THE AN/SLQ-37. THE EXISTING QUAD, CL-3, AND S-3 CABLES AND ASSOCIATED CONNECTION GARDWARE ON EACH MCM SHIP WILL BE REPLACED WITH ONE CA-1453, THREE CA-1452 CANLES AND ASSOCIATED CONNECTION HARDWARE.

Task/Abbreviation: Q-47611-082- -MAG MS GT GEN SET - CLEAN			MJC: CXECQ206		Rev Date: 5/2/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 100	ManDays: 60	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47611-082)MAGNETIC MINE SWEEPING GAS TURBINE GENERATOR HAS LOW INSULATION RESISTANCE.	CLEAN MAGNETIC MINE SWEEPING GAS TURBINE GENERATOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-47611-084- -MAG MS GT GEN SET - CLEAN/INSP				MJC: CXECQ208		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: 50		ManDays: 25		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47611-084)MAGNETIC MINE SWEEPING GAS TURBINE GENERATOR POLARIZATION INDEX IS LESS THAN 2.0 AND GROUNDED.	CLEAN MAGNETIC MINE SWEEPING GAS TURBINE GENERATOR AND INSPECT FOR MOISTURE INTRUSION INTO GENERATOR AND INSULATION BREAKDOWN. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: I-47611-085- -MNSWP EQPT VIB TST - MRC G1P1			MJC: EXECIGF5		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-47611-085)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-47611-086- -MINESWEEP SYS CRIT HOSE - REPL**MJC:** EXECQCW5**Rev Date:** 12/15/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:****Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 4**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-47611-086) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE MINESWEEPING SYSTEM 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 MINESWEEPING SYSTEM 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-47621-002- -AN/SQQ-32 SNR SYS - INSP/TST				MJC: CXECI086		Rev Date:					
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-47621-002)THE AN/SQQ-32 SONAR SYSTEM REQUIRES INSPECTION.	INSPECT AND TEST THE AN/SQQ-32 SONAR SYSTEM AND REPORT CONDITIONS FOUND TO SHIP'S CSMP. TO INCLUDE: A. TESTING AND INSPECTION OF THE AN/SQQ-32 SONAR SYSTEM INCLUDING CONSOLES, TRANSMITTER, TOWED BODY AND TRANSDUCERS. B. STATIC AND DYNAMIC WEIGHT-TEST OF THE AN/SQQ-32 SONAR WINCH, CABLE AND TOWING EYE. PROVIDE "AS-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-47621-007- -MINEHUNTING SYS CRIT HOSE-REPL**MJC:** EXECM191**Rev Date:** 12/15/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:****Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 4**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-47621-007) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE MINEHUNTING SYSTEM 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 MINEHUNTING SYSTEM 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: A-47621-009- -AER MCM1-00812 - ACCOMP				MJC: EXTYA557		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:		ManDays:		Alt No: TYMCM 00812	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-47621-9) AER MCM1-00812, 2ND MNV POWER MOD, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00812 WHICH PROVIDES MEANS OF TRANSFERRING POWER AND TELEMETRY SIGNALS FROM MAIN MNV TO SPARE MNV.

Task/Abbreviation: I-47621-022- -SLQ-48 CSL-VEH TEST- MRC 6VRE**MJC:** EXECIBN5**Rev Date:** 7/25/2007**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-47621-022)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 6VRE AS FOLLOWS: 1. CONDUCT CONSOLE-VEHICLE OPERATIONAL TEST. 2. CONDUCT PERFORMANCE AND DIAGNOSTIC VERIFICATION 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-47621-023- -SLQ-48 VEH HDLG SYS - MRC 6VRH			MJC: EXECIBN6		Rev Date: 7/25/2007					
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-47621-023)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM VEHICLE HANDLING SYSTEM (VHS) REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM VEHICLE HANDLING SYSTEM (VHS) ASSESSMENT IN ACCORDANCE WITH MRC 6VRH AS FOLLOWS: 1. CONDUCT VEHICLE HANDLING 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-47621-024- -SLQ-48 UMBILICAL CABLE-MRC 6VRJ			MJC: EXECIBN7		Rev Date: 7/25/2007					
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-47621-024)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 6VRJ AS FOLLOWS: 1. INSPECT UMBILICAL CABLE AND STRAIN RELIEF. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-025- -SLQ-48 CONTROL CONSOL-MRC 6VRN			MJC: EXECIBN8		Rev Date: 7/25/2007
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: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47621-025)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 6VRN AS FOLLOWS: 1. OPEN, CLEAN, INSPECT, AND SECURE CONTROL CONSOLE FOR UNDERWATER SHOCK. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-026- -SLQ-48 VERT REF UNIT- MRC 6VRT			MJC: EXECIBN9		Rev Date: 7/25/2007					
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-47621-026)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 6VRT AS FOLLOWS: 1. OPEN, CLEAN, INSPECT, AND SECURE VERTICAL REFERENCE UNIT (VRU) (UNIT 5) FOR UNDERWATER SHOCK. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-027- -SLQ-48 VEHICLE - MRC 6VRU			MJC: EXECIBO0		Rev Date: 7/25/2007
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-47621-027)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 6VRU AS FOLLOWS: 1. PERFORM VEHICLE 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-47621-028- -SLQ-48 UCHS FILTERS - MRC 6VRX**MJC:** EXECIBO1**Rev Date:** 7/25/2007**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-47621-028)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM UMBILICAL CABLE HANDLING SYSTEM (UCHS) REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM UMBILICAL CABLE HANDLING SYSTEM (UCHS) ASSESSMENT IN ACCORDANCE WITH MRC 6VRX AS FOLLOWS: 1. REPLACE (UCHS) WINCH (UNIT 12) CHARGE PUMP FILTER ELEMENT. 2. REPLACE SERVO PUMP FILTER ELEMENT. 3. INSPECT FILTER ASSEMBLIES FOR 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-47621-029- -SLQ-48 UCHS - MRC 6VSE			MJC: EXECIBO2		Rev Date: 7/25/2007
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-47621-029)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 6VSE AS FOLLOWS:1. OPEN, CLEAN, INSPECT, AND SECURE UMBILICAL CABLE HANDLING SYSTEM FOR UNDERWATER SHOCK. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-030- -SLQ-48 VHS & UCHS MOT-MRC 6VSH			MJC: EXECIBO3		Rev Date: 7/25/2007
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-47621-030)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 6VSH AS FOLLOWS: 1. CLEAN AND INSPECT (VHS) AND (UCHS) WINCH MOTORS. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-032- -SLQ-48 DECK CAMERA - MRC 6VSQ			MJC: EXECIBO5		Rev Date: 7/25/2007
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-47621-032)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 6VSQ AS FOLLOWS: 1. INSPECT DECK TV CAMERA AND JUNCTION BOX. 2. INSPECT 3 POSITION RF VIDEO SWITCH (IF INSTALLED ON 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: I-47621-033- -SLQ-48 VEH HDLG SYS - MRC 6VSR**MJC:** EXECIBO6**Rev Date:** 10/27/2008**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:THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM
VEHICLE HANDLING SYSTEM (VHS) REQUIRES
ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM
VEHICLE HANDLING SYSTEM (VHS) ASSESSMENT IN ACCORDANCE
WITH MRC 6VSR AS FOLLOWS:1. INSPECT VEHICLE HANDLING
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-47621-034- -OK-520/SQQ WN BRAKE- MRC 8HBC			MJC: EXECIBO7		Rev Date: 7/15/2010
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-47621-034)THE OK-520/SQQ (V)1, (V)2, (V)3 COMMON WINCH REQUIRES ASSESSMENT.	ACCOMPLISH THE OK-520/SQQ (V)1, (V)2, (V)3 COMMON WINCH ASSESSMENT IN ACCORDANCE WITH MRC 8HBC AS FOLLOWS:1. TEST OPERATE MANUAL BRAKE RELEASE. 2. INSPECT BRAKE HOUSING FOR EVIDENCE OF MOISTURE. 3. INSPECT UNIT 17. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-036- -OK-520/SQQ WN BRAKE - MRC 8HBH			MJC: EXECIBO9		Rev Date: 7/15/2010					
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-47621-036)THE COMMON WINCH OK-520/SQQ (V)1, (V)2, (V)3 REQUIRES ASSESSMENT.	ACCOMPLISH THE COMMON WINCH OK-520/SQQ (V)1, (V)2, (V)3 ASSESSMENT IN ACCORDANCE WITH MRC 8HBH AS FOLLOWS: 1. CLEAN AND INSPECT ELECTRIC BRAKE. 2. RESTORE SYSTEM TO NORMAL 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-47621-037- -SLQ-48 MK49 HANDTRUCK-MRC 8HLL**MJC:** EXECIBP0**Rev Date:** 7/25/2007**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:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-47621-037)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM MK49 HAND TRUCK REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM MK49 HAND TRUCK ASSESSMENT IN ACCORDANCE WITH MRC 8HLL AS FOLLOWS: 1. CLEAN AND INSPECT DESTRUCTOR HANDLING TRUCK. 2. LUBRICATE DESTRUCTOR HANDLING TRUCK. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-038- -SLQ-48 TELEMETRY UNIT-MRC 8HLP			MJC: EXECIBP1		Rev Date: 7/25/2007
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-47621-038)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 8HLP AS FOLLOWS: 1. CLEAN AND INSPECT TELEMETRY SELECT UNIT (TSU). REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-039- -SLQ-48 SONAR TEST SET-MRC 8HLQ			MJC: EXECIBP2		Rev Date: 7/25/2007
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-47621-039)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 8HLQ AS FOLLOWS: 1. OPEN, CLEAN, INSPECT, TEST/REPLACE BATTERIES AND SECURE SONAR TEST SET (STS) FOR UNDERWATER SHOCK. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-040- -SLQ-48 VEH V TEST SET-MRC 8HLS			MJC: EXECIBP3		Rev Date: 7/25/2007
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-47621-040)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 8HLS AS FOLLOWS:1. CLEAN AND INSPECT VEHICLE VOLTAGE TEST SET (VVTs). REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-041- -SLQ-48 VEH BATTERY - MRC 8HLT**MJC:** EXECIBP4**Rev Date:** 7/25/2007**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-47621-041)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 8HLT AS FOLLOWS: 1. MEASURE VEHICLE BATTERY VOLTAGE. 2. CHARGE VEHICLE BATTERY (VBTF METHOD). 3. CHARGE VEHICLE BATTERY (VHS CONSOLE METHOD). 4. CHARGE SPARE BATTERY PACK. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-042- -SLQ-48 VHS BRAKES - MRC 8HLV			MJC: EXECIBP5		Rev Date: 7/25/2007
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: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47621-042)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 8HLV AS FOLLOWS: 1. OPEN, CLEAN, INSPECT, AND SECURE (VHS) WINCH BRAKES FOR UNDERWATER SHOCK. 2. ADJUST (VHS) WINCH BRAKES. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-043- -SLQ-48 UCHS BRAKE - MRC 8HLW			MJC: EXECIBP6		Rev Date: 7/25/2007
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: 1	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47621-043)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 8HLW AS FOLLOWS: 1. OPEN, CLEAN, INSPECT, AND SECURE UCHS WINCH BRAKE FOR UNDERWATER SHOCK. 2. ADJUST WINCH SOLENOID AIR GAP. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-044- -OK-520/SQQ WN BRAKE- MRC 8LNT**MJC:** EXECIBP7**Rev Date:** 7/15/2010**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-47621-044)THE OK-520/SQQ (V)1, (V)2, (V)3
COMMON WINCH REQUIRES ASSESSMENT.**Recommended Solution:**ACCOMPLISH THE OK-520/SQQ (V)1, (V)2, (V)3 COMMON WINCH
ASSESSMENT IN ACCORDANCE WITH MRC 8LNT AS FOLLOWS: 1.
TEST WINCH BRAKE AND INSPECT HIGH SPEED DRIVE COUPLING
ALIGNMENT. 2. INSPECT 5 HP MOTOR COUPLING. 3. RESTORE
SYSTEM TO NORMAL 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-47621-046- -SLQ-48 MK49 HANDTRUCK-MRC 8WWH			MJC: EXECIBP9		Rev Date: 7/25/2007
RCM Analysis: 2/7/2005	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-47621-046)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 8WWH AS FOLLOWS: 1. INSPECT DESTRUCTOR HANDLING TRUCK FOR OIL AND/OR GREASE RESIDUE. 2. WEIGHT TEST DESTRUCTOR HANDLING TRUCK. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-047- -SLQ-48 PDU & CCU - MRC 8XZG**MJC:** EXECIBQ0**Rev Date:** 7/25/2007**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:** 3**Reason:**

BASELINE

Problem Description:

(I-47621-047)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM COMMAND CONTROL UNIT (CCU) AND POWER DISTRIBUTION UNIT (PDU) REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM COMMAND CONTROL UNIT (CCU) AND POWER DISTRIBUTION UNIT (PDU) ASSESSMENT IN ACCORDANCE WITH MRC 8XZG AS FOLLOWS: 1. CONDUCT OPERATIONAL TEST OF PRIMARY PDU. 2. CONDUCT OPERATIONAL TEST OF PRIMARY CCU. 3. REINSTALL PRIMARY CCU IN PRIMARY MNV. 4. REINSTALL PRIMARY PDU IN PRIMARY MNV. 5. OPERATIONAL TEST OF PDU FOR SHIPS WITH SPARE VEHICLE. 6. OPERATIONAL TEST AND REINSTALLATION OF CCU FOR SHIPS WITH SPARE VEHICLE. 7. REINSTALLATION OF PDU FOR SHIPS WITH SPARE VEHICLE. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-050- -SLQ-48 HYDR HOSES - MRC 8ZYE			MJC: EXECIBQ3		Rev Date: 7/25/2007
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-47621-050)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 8ZYE AS FOLLOWS: 1. INSPECT HYDRAULIC HOSE ASSEMBLIES. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-051- -SLQ-48 VACUUM HOSES- MRC 8ZYF			MJC: EXECIBQ4		Rev Date: 7/25/2007
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-47621-051)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM VEHICLE VACUUM SERVICE UNIT (VVSU) REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM VEHICLE VACUUM SERVICE UNIT (VVSU) ASSESSMENT IN ACCORDANCE WITH MRC 8ZYF AS FOLLOWS: 1. INSPECT VVSU HOSE ASSEMBLIES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-052- -SLQ-48 TRANSFORMER - MRC 9ALV				MJC: EXECIBQ5		Rev Date: 7/25/2007					
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-47621-052)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 9ALV AS FOLLOWS: 1. CLEAN AND INSPECT (UCHS) 440/2500V TRANSFORMER ASSEMBLY. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-054- -SLQ-48 ATP TO WQC-2 - MRC 9HDX			MJC: EXECIBQ7		Rev Date: 7/25/2007					
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-47621-054)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 9HDX AS FOLLOWS: 1. CONDUCT ACOUSTIC TRANSMIT PANEL (ATP) TO AN/WQC-2 TRANSMISSION INTERFACE TEST. 2. CLEAN AND INSPECT THE OVER-THE-SIDE TRANSDUCER (OTST). 3. TEST THE OVER-THE-SIDE TRANSDUCER. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-055- -SLQ-48 ATP TO WQC-2A- MRC 9HDY			MJC: EXECIBQ8		Rev Date: 7/25/2007
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-47621-055)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 9HDY AS FOLLOWS:1. CONDUCT ACOUSTIC TRANSMIT PANEL (ATP) TO AN/WQC-2A TRANSMISSION INTERFACE TEST. 2. CLEAN AND INSPECT THE OVER-THE-SIDE TRANSDUCER (OTST). 3. TEST THE OVER-THE-SIDE TRANSDUCER. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-057- -OK-520/SQQ WN ENCL - MRC 8HBK**MJC:** EXECIBR0**Rev Date:** 7/15/2010**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-47621-057)THE OK-520/SQQ (V)1, (V)2, (V)3
COMMON WINCH REQUIRES ASSESSMENT.ACCOMPLISH THE OK-520/SQQ (V)1, (V)2, (V)3 COMMON WINCH
ASSESSMENT IN ACCORDANCE WITH MRC 8HBK AS FOLLOWS: 1.
LUBRICATE LOW SPEED DRIVE PEDESTAL BEARING. 2. LUBRICATE
LOW SPEED SHAFT SEALS. 3. LUBRICATE 50 HP MOTOR. 4.
LUBRICATE 5 HP MOTOR. 5. INSPECT WINCH MOUNTED
ENCLOSURES 10A1, 10A3, AND 10A6. 6. DRAIN FULL DRUM LIMIT
SWITCH (UNIT 22) OF ANY STANDING WATER. 7. RESTORE SYSTEM
TO NORMAL 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-47621-058- -OK-520/SQQ WINCH - MRC T1C2**MJC:** EXECIBR1**Rev Date:** 7/15/2010**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-47621-058)THE OK-520/SQQ (V)1, (V)2, (V)3
COMMON WINCH REQUIRES ASSESSMENT.ACCOMPLISH THE OK-520/SQQ (V)1, (V)2, (V)3 COMMON WINCH
ASSESSMENT IN ACCORDANCE WITH MRC T1C2 AS FOLLOWS: 1.
PERFORM WINCH 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-47621-059- -SLQ-48 UCHS - MRC 6VRL			MJC: EXECIBR2		Rev Date: 7/25/2007					
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: 1	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-47621-059)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 6VRL AS FOLLOWS: 1. CONDUCT UMBILICAL CABLE HANDLING SYSTEM 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-47621-062- -AN/SQQ-32(V)3 - MRC FFH1**MJC:** EXECIBR5**Rev Date:** 7/15/2010**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-47621-062)THE AN/SQQ-32(V)3 MINEHUNTING
SONAR SET REQUIRES ASSESSMENT.ACCOMPLISH THE AN/SQQ-32(V)3 MINEHUNTING SONAR SET
ASSESSMENT IN ACCORDANCE WITH MRC FFH1 AS FOLLOWS: 1.
PERFORM SYSTEM PRE-POWER ON CHECKS. 2. PERFORM SYSTEM
POWER ON CHECKS. 3. PERFORM DEPLOYMENT AND RECOVERY
CONFIDENCE TESTS. 4. PERFORM SONAR OPERATIONAL
CONFIDENCE TESTS. 5. RETURN EQUIPMENT TO NORMAL
READINESS CONDITION. REPORT CONDITIONS FOUND TO SHIP'S
CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE
SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO,
BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-47621-063- -AN/SLQ-48 CONTROLLERS-MRC 6VSD			MJC: EXECIBR6		Rev Date: 7/25/2007
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-47621-063)THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC 6VSD AS FOLLOWS: 1. OPEN, CLEAN, INSPECT, AND SECURE CONTROLLERS FOR UNDERWATER SHOCK. REPORT CONDITIONS FOUND TO SHIP"S CSMP. PROVIDE "AS-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-47621-064- -SHIPALT MCM1-00302K - ACCOMP				MJC: CXSAK088		Rev Date: 11/10/2004	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 0	Matl Cost:		ManDays: 150	Alt No: SAMCM 00302 K	
Referenced Authority:		Repair Pool:		MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-47621-64) SHIPALT MCM1-00302K, OK-520/SQQ WINCH MODERNIZATION, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT MCM1-00302K, OK-520/SQQ WINCH MODERNIZATION, WHICH UPGRADES THE OK-520 WINCH CONTROL INTERFACE SYSTEM. THE UPGRADE WILL REMOVE EXISTING WEATHER DECK MOUNTED WINCH CONTROL UNITS AND REPLACE THEM WITH PROGRAMMABLE LOGIC CONTROLLER (PLC) TECHNOLOGY. THE PLC AND ASSOCIATED EQUIPMENT WILL BE INSTALLED BELOW DECKS. ADDITIONALLY, THE WINCH HYDRAULIC POWER UNIT (HPU) SUPPORTING THE WINCH DRIVE DRIVE SYSTEM WILL BE RELOCATED FROM THE WEATRHER DECK TO SONAR MAINTENANCE ROOM. IN SUPPORT OF THE WINCH MODERNIZATION EFFORT, A FLAT PANEL DISPLAY WILL BE INCLUDED WITHIN THE MOTOR CONTROL UNIT TO MONITOR SYSTEM OPERATIONAL STATUS.

Task/Abbreviation: O-47621-065- -FC 4 UCHS AN/SLQ-48 - ACCOMP			MJC: CXSAO006		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 UCHS
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47621-65) FC-4 UCHS, AN/SLQ-48 REPLACE REXROTH WITH DENISON, NOT ACCOMPLISHED.	ACCOMPLISH FC-4 UCHS, AN/SLQ-48 REPLACE REXROTH WITH DENISON.

Task/Abbreviation: I-47621-066- -MK 56 MODS 0/1 BEAM - MRC DXXQ			MJC: CXCIBO9		Rev Date: 9/6/2006
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-47621-066)THE MK 56 MODS 0 AND 1 MINE NEUTRALIZATION VEHICLE BEAM REQUIRES ASSESSMENT.	ACCOMPLISH THE MK 56 MODS 0 AND 1 MINE NEUTRALIZATION VEHICLE BEAM ASSESSMENT IN ACCORDANCE WITH MRC DXXQ AS FOLLOWS: 1. INSPECT BEAM. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-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-47621-067- -OK-520 DMGED CMPNT-REPL			MJC: CXECQ209		Rev Date: 9/20/2006
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-47621-067)OK-520/SQQ COMMON WINCH BRAKE ACTUATING SOLENOID FAILS TO DISENGAGE BRAKE.	CLEAN AND REPLACE DAMAGED OK-520/SQQ COMMON WINCH PARTS. ADJUST BRAKE ACTUATING LINKAGE. ACCOMPLISH REPAIRS TO THE COMMON WINCH IN ACCORDANCE WITH TECHNICAL MANUAL SG813-B3-IEM-010. ON COMPLETION OF REPAIRS ACCOMPLISH STATIC, DYNAMIC AND WORKING LOAD TESTS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: Q-47621-068- -OK-520 DISC AND SPRING-REPL			MJC: CXECQ210		Rev Date: 9/20/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 4	Freq: 0	Equip/Task: 1	Matl Cost: 700	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-47621-068)OK-520/SQQ COMMON WINCH BRAKE DISC WORN.	REPLACE OK-520/SQQ COMMON WINCH DISC AND SPRINGS. ACCOMPLISH REPAIRS TO THE COMMON WINCH IN ACCORDANCE WITH TECHNICAL MANUAL SG813-B3-IEM-010. ON COMPLETION OF REPAIRS ACCOMPLISH STATIC, DYNAMIC AND WORKING LOAD TESTS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST IN ACCORDANCE WITH TECHNICAL MANUAL. RETURN EQUIPMENT TO READINESS CONDITION.

Task/Abbreviation: O-47621-069- -FC 70500 SQQ-32(V)3 - ACCOMP				MJC: EXECIGL9		Rev Date: 5/19/2006	
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 70500SQQ32		
Referenced Authority:		Repair Pool:		MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47621-69) FC 70500 - AN/SQQ-32(V)3 HULL PENETRATOR IMPROVEMENT, NOT ACCOMPLISHED	ACCOMPLISH FC 70500 - AN/SQQ-32(V)3 HULL PENETRATOR IMPROVEMENT, WHICH UPGRADED HPCS HAVE REDESIGNED P1 AND P2 CONNECTORS WITH HIGHER DIELECTRIC STRENGTH INSERTS AND REDUCED CONTACT SHOULDER WIDTH. IMPROVED FORM AND FITMENT OF THE HPCS WERE ACCOMPLISHED IN THE OVERALL DIMENSIONS BY REDUCING WIDTH OF THE FLAT CABLE AND ADDING BEVELED EDGES TO OVERMOLDING OF P1 AND P2 CONNECTORS. IMPROVEMENTS WERE MADE IN THE OVER MOLDING PROCESS DURING CABLE PRODUCTION TO INCREASE DIELECTRIC PROPERTIES, IMPROVE PRODUCTION THROUGHPUT AND TO PREVENT WATER MIGRATION TO THE CONNECTOR CONTACTS IN THE EVENT OF CABLE SHEATHING DAMAGE.

Task/Abbreviation: K-47621-070- -SHIPALT MCM1-70385K - ACCOMP			MJC: CXSAK167		Rev Date: 7/27/2010
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: SAMCM70385 K
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-47621-70) SHIPALT MCM1-70385K, REPL AFT DECK EQP HYD MCM 1-8, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT MCM1-70385K WHICH REMOVES PORT AND STARBOARD AFT DECK HYDRAULIC COMPONENTS OF POWER UNITS, HYDRAULIC SYSTEM MOTORS, COMPONENTS, MAGNETIC CABLE REEL ASSOCIATED PIPING, ACOUSTIC CABLE REEL, MINESWEEPING WINCH AND PORT AND STARBOARD STERN CRANES. INSTALL INDUCTION ELECTRIC MOTORS ON THE MAGNETIC CABLE REEL, ACOUSTIC CABLE REEL, MINESWEEPING WINCH, AND SELF-CONTAINED HYDRAULIC POWER UNITS ON THE STERN CRANES. MOTORS WILL BE CONTROLLED BY VARIABLE SPEED AC DRIVES AND A PROGRAMMABLE LOGIC CONTROLLER. PRIORITY SHALL BE GIVEN TO MCM 1, 2 AND 6 AS THEY HAVE NOT RECEIVED SHIPALT 188K, AFT DECK HYDRAULIC POWER UNIT UPGRADE. POC: ART MAHONY, 202-781-2274, ART.MAHONY@NAVY.MIL OR CHRIS SINGER, 202-781-3802, CHRISTOPHER.SINGER@NAVY.MIL OR CHRISTIAN STALLSMITH, 202-479-6767 X714, CSTALLSMITH@GRYPHONLC.COM.

Task/Abbreviation: K-47621-071- -SHIPALT MCM1-71003K - ACCOMP			MJC: CXSAK181		Rev Date: 9/6/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: SAMCM 71003 K
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-47621-71) SHIPALT MCM1-71003K, OK-520 WINCH MODERNIZATION, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT MCM1-71003K WHICH INCLUDES UPGRADING THE CONTROL CIRCUITRY FROM A RELAY-BASED DESIGN TO A SOFTWARE CONTROLLED ARCHITECTURE. THIS UPGRADE ELIMINATES SEVERAL OF THE WINCH COMPONENTS INCLUDING THE 50 HP MOTOR CONTROL ENCLOSURE (UNIT 18), 5 HP MOTOR CONTROL ENCLOSURE (UNIT 19), WINCH POWER DISTRIBUTION ENCLOSURE (UNIT 20), AND WINCH CONTROL ENCLOSURE (UNIT 21). THE EXISTING LOCAL CONTROL PANEL (UNIT 17) IS REDESIGNED TO SUPPORT MODERNIZATION OBJECTIVES AND THE HYDRAULIC POWER UNIT (HPU) IS MODIFIED AND RELOCATED TO BELOW THE WEATHER DECK. SEVERAL CABLES, CONDUITS AND DECK PENETRATIONS ARE ELIMINATED. IN ADDITION, WINCH OIL TEMPERATURE SENSOR, WINCH BRAKE TEMPERATURE SENSOR, AND A NEW LOAD CELL FOR CABLE TENSION MONITORING HAVE BEEN INCORPORATED INTO THE SYSTEM FOR REAL TIME MONITORING. POC: DABID R. BROWN, 361-776-4812, DAVID.R.BROWN1@NAVY.MIL OR SALLY LANKAMER, 850-235-5789, SALLY.LANKAMER@NAVY.MIL.

Task/Abbreviation: O-47621-072- -FC 49 UCHS AN/SLQ-48 - ACCOMP			MJC: CXSAO410		Rev Date: 9/6/2006
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 49AN/SLQ-48
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47621-72) FC 49 UCHS AN/SLQ-48 ACCUMULATOR AIR CYLINDER MOD, NOT ACCOMPLISHED.	ACCOMPLISH FC 49 UCHS AN/SLQ-48 ACCUMULATOR AIR CYLINDER MOD WHICH APPLY CORROSION PREVENTATIVE COATING TO PNEUMATIC CYLINDER OF AN/SLQ-48 UCHS ACCUMULATOR AIR CYLINDER.

Task/Abbreviation: O-47621-073- -FC 50 AN/SLQ-48 - ACCOMP			MJC: CXSAO411		Rev Date: 9/6/2006
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 50AN/SLQ-48
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47621-73) FC 50 AN/SLQ-48 AIR/WATER SEPARATOR, NOT ACCOMPLISHED.	ACCOMPLISH FC 50 AN/SLQ-48 AIR/WATER SEPARATOR WHICH INSTALL AIR/ WATER SEPARATOR TO LP AIR SUPPLY TO SADDLE LATCH.

Task/Abbreviation: O-47621-074- -FC 61 AN/SQQ-32(V)3 - ACCOMP			MJC: EXSAO169		Rev Date: 9/6/2006
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 61
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47621-74) FC 61 AN/SQQ-32(V)3 SONAR DATA RECORDER INTEGRATION, NOT ACCOMPLISHED	ACCOMPLISH FC 61 AN/SQQ-32(V)3 SONAR DATA RECORDER INTEGRATION, WHICH INTEGRATING THE AN/SQQ-32(V)3 SONAR DATA RECORDER (SDR) WILL ENABLE THE FLEET TO RECORD, PLAYBACK AND PROCESS SONAR SENSOR DATA. SDR SW INTERFACES ARE INCORPORATED INTO AN/SQQ-32(V)3 SW BUILD 07.0 SCHEDULED FOR INSTALLATION IN FY05 & FY06. SDR WILL BE INSTALLED IN AN/SSN(V)4 UNIT #2, AND INTERFACED TO AN/SQQ-32(V)3 UNIT 7&8.

Task/Abbreviation: O-47621-075- -FC 7 SW AN/SQQ-32 - ACCOMP				MJC: EXSAO170		Rev Date: 9/6/2006					
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 7 SW	
Referenced Authority:				Repair Pool:				MCC: 4			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47621-75) FC 7 SW AN/SQQ-32 INSTALL SOFTWARE BUILD 7.0, NOT ACCOMPLISHED	ACCOMPLISH FC 7 SW AN/SQQ-32 INSTALL SOFTWARE BUILD 7.0, WHICH MODIFIES THE AN/SQQ-32(V)3 SOFTWARE BASELINE (BUILD 6.0, FC 5SW) PRIMARILY TO INTEGRATE THE SONAR DATA RECORDER, CORRECT SOME POTENTIALLY DANGEROUS WINCH MOVEMENT CONDITIONS, AND IMPROVE PERFORMANCE AND OPERABILITY. A TOTAL OF 23 PCRS WERE ADDRESSED.

Task/Abbreviation: O-47621-076- -FC 71793 AN/SQQ-94(V) - ACCOMP			MJC: EXSAO171		Rev Date: 9/6/2006
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 71793
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47621-76) FC 71793 AN/SQQ-94(V) MINE COUNTERMEASURES SIMULATOR S/W UPGRAD, NOT ACCOMPLISHED	ACCOMPLISH FC 71793 AN/SQQ-94(V) MINE COUNTERMEASURES SIMULATOR S/W UPGRAD, WHICH INSTALLS THE AN/SSQ-94(V) MCS SOFTWARE UPGRADE VERSION 8.0.

Task/Abbreviation: O-47621-077- -FC 70504 AN/SQQ-32 - ACCOMP			MJC: CXSAO917		Rev Date: 2/16/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: FC 70504
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47621-77) FC70504AN/SQQ-32, AN/SQQ-32 SOFTWARE BUILD 8.0, NOT ACCOMPLISHED	ACCOMPLISH FC 70504 AN/SQQ-32 WHICH MODIFIES THE AN/SQQ-32(V)3 SOFTWARE BASELINE (BUILD 6.0, FC 5SW) AND IMPROVES THE CAD CAPABILITIES, IMPROVES EQUIPMENT SAFETY BY REFINING OK-520 WINCH STATUS INFORMATION. IT ALSO IMPROVES SDR FILE ARCHIVING TO ENHANCE THE POST MISSION ANALYSIS CAPABILITY OF THE SONAR DATA RECORDER. POC: RONALD CAMBIER, 850-235-5494, RONALD.CAMBIER@NAVY.MIL OR CHRIS MEUNIER, 850-235-5848, CHRISTOPHER.MEUNIER@NAVY.MIL OR CHRISTOPHER BRITT, 202-781-4442, BRITTCJ@NAVSEA.NAVY.MIL OR MICHELLE PARSONS, 850-636-2719, MICHELLE.PARSONS@NAVY.MIL

Task/Abbreviation: O-47621-078- -FC 70754 AN/SLQ-48 - ACCOMP			MJC: CXSAO464		Rev Date: 10/12/2006
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 70754
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-47621-78) FC 70754 AN/SLQ-48 GAS RATE TRANSDUCER REPLACEMEN, NOT ACCOMPLISHED.	ACCOMPLISH FC 70754 AN/SLQ-48 GAS RATE TRANSDUCER REPLACEMEN WHICH THE OBSOLETE GAS RATE TRANSDUCER (GRT) IS USED IN THE AN/SLQ-48 MINE NEUTRALIZATION SYSTEM VEHICLE. THE GRT OUTPUTS AN INERTIAL ANGLE TO THE INPUT ELECTRONIC CIRCUIT CARD (INPUT ELEC CCA) FOR THE "HEADING HOLD" FUNCTION. THIS FUNCTION IS USED BY THE FLEET TO FLY THE VEHICLE TO/FROM MINE-LIKE OBJECTS. A REPLACEMENT SENSOR HAS BEEN IDENTIFIED. IT IS NOT ANTICIPATED THAT THE INPUT ELEC CCA AND SENSOR BE A MATCH SET AS IS CURRENTLY THE CASE. TESTS HAVE BEEN SUCCESSFULLY CONDUCTED AT NSWPC LAB, MWTC IN INGLESIDE, TEXAS, AND ABOARD USS DEVASTATOR (MCM 6). TEST REPORT AVAILABLE UPON REQUEST.

Task/Abbreviation: K-47621-079- -SHIPALT MCM1-70540K - ACCOMP			MJC: CXSAK203		Rev Date: 10/12/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: SAMCM 70540 K
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-47621-79) SHIPALT MCM1-70540K, REPL AFT DECK EQP HYD MCM 9-14, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT MCM1-70540K, REPL AFT DECK EQP HYD MCM 9-14, WHICH REMOVE PORT AND STARBOARD AFT DECK HYDRAULIC COMPONENTS OF POWER UNITS, HYDRAULIC SYSTEM MOTORS, COMPONENTS, MAGNETIC CABLE REEL ASSOCIATED PIPING, ACOUSTIC CABLE REEL, MINESWEEPING WINCH AND PORT AND STARBOARD STERN CRANES. INSTALL INDUCTION ELECTRIC MOTORS ON THE MAGNETIC CABLE REEL, ACOUSTIC CABLE REEL, MINESWEEPING WINCH, AND SELF-CONTAINED HYDRAULIC POWER UNITS ON THE STERN CRANES. MOTORS WILL BE CONTROLLED BY VARIABLE SPEED AC DRIVES AND A PROGRAMMABLE LOGIC CONTROLLER. POC: JIM FAZIO, 202-781-4372, JAMES.FAZIO@NAVY.MIL.

Task/Abbreviation: K-47621-082- -SHIPALT MCM1-70535K-ACCOMPLISH			MJC: CXSAK483		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: 60	Alt No: SAMCM 70535 K
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-47621-82) SHIPALT MCM1-70535K, EMNSyINSTALLATION, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-70535K, WHICH REMOVES THE AN/SLQ-48 FROM MCM-1 CLASS SHIPS AND INSTALLS THE EXPENDABLE MINE NEUTRALIZATON SYSTEM (EMNS) IN ITS PLACE. THIS CHANGE RESULTS IN A WEIGHT SAVINGS OF 17 TONS, A DECREASE IN THE SHIPS POWER LOAD, A DECREASE IN THE OVERALL AIR CONDITIONING LOAD, IMPROVED RECONNAISSANCE CAPABILITY, POSITIVE IDENTIFICATION OF THE MINE THREAT, REDUCED NEUTRALIZATION MISSION TIMES, AND REDUCED MAINTENANCE IN BOTH TIME AND QUANTITY OF REQUIRED SPARES. POC: JOHN CRABTREE, 202-781-2542, JOHN.T.CRABTREE@NAVY.MIL OR KARL MORRIS, 850-234-4182, KARL.MORRIS@NAVY.MIL OR MICHELLE PARSONS, 850-636-2719, MICHELLE.PARSONS@NAVY.MIL.

Task/Abbreviation: O-47621-083- -FC 70543 AN/SQQ-32-ACCOMPLISH**MJC:** CXSAO998**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:****Alt No:** FC 70543**Referenced Authority:****Repair Pool:****MCC:** 4**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-47621-83) FC 70543 AN/SQQ-32(V)4,
HIGH FREQ WIDE BAND, NOT
ACCOMPLISHEDACCOMPLISH FC 70543 AN/SQQ-32(V)4 WHICH WILL PROVIDE FOR
IMPROVEMENTS TO THE DETECTION SONAR DESIGN, TOPSIDE
PROCESSING, AND TELEMETRY INTERFACES. THIS UPGRADE
PROCESS WILL REDUCE AN ESTIMATED 40 DEDICATED ELECTRONIC
MODULES IN THE TOWED BODY AND TRANSFER THE MODULE
FUNCTIONALITY TOPSIDE TO COTS PROCESSING COMPONENTS.
THIS DESIGN INITIATIVE WILL ADDRESS THE PERFORMANCE GAP
ISSUES IN LITTORAL ENVIRONMENTS, INCREASE SYSTEM
RELIABILITY AND MAINTAINABILITY OF THE TOWED BODY, AND
IMPROVE LIFE CYCLE SUPPORT FOR THE AN/SQQ-32(V)4 HFWB
SONAR SYSTEM. POC: CHRISTOPHER BRITT, 202-781-4442,
BRITTCJ@NAVSEA.NAVY.MIL OR KARL MORRIS, 850-234-4182,
KARL.MORRIS@NAVY.MIL OR MICHELLE PARSONS, 850-636-2719,
MICHELLE.PARSONS@NAVY.MIL.

Task/Abbreviation: A-47621-084- -AER MCM1-60200 - ACCOMPLISH			MJC: CXTYA051		Rev Date: 2/14/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,000	ManDays: 4	Alt No: TYMCM 60200
Referenced Authority:		Repair Pool:	MCC: 4		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-47621-84) AER MCM1-60200, AN/SQQ-32 UNIT 5 PWR CONNECT, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-60200, AN/SQQ-32 UNIT 5 PWR CONNECT, WHICH CHANGES THE POWER SOURCE OF UNIT 5 OF THE AN/SQQ-32 SONAR SYSTEM FROM PANEL 1-27-2 TO 02-32-3.

Task/Abbreviation: K-47621-085- -FC 70518 AN/SLQ 48				MJC: EXSAK993		Rev Date: 9/9/2011					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required:			
Lvl of Maint: 1		Freq: 1		Equip/Task: 0		Matl Cost:		ManDays: 30		Alt No: FC 70518 K	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		FC 70518 AN/SLQ 48, NOT ACCOMPLISHED				REPLACE UCHS REXROTH PUMP WITH DENISON PUMP.					

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-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:	ManDays: 5	Alt No: EC 37
Referenced Authority:		Repair Pool:	MCC: 1		

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: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		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: O-49311-059- -EC 70561 32 AN/USQ-153-ACCOMP				MJC: CXSAO180		Rev Date: 8/2/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays:		Alt No: EC 70561 32	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-59) EC 70561 32, AN/USQ-153 INM PRO VERSION 2.4.1, NOT ACCOMPLISHED	ACCOMPLISH EC 70561 32 WHICH DOCUMENTS THE INSTALLATION OF INM PRO 2.4.1 ON A DEDICATED ISNS SERVER RUNNING WINDOWS 2000 OR WINDOWS NT. THIS PROVIDES A WEB INTERFACE TO ENABLE NETWORK MONITORING BY CERTAIN WEB CLIENTS

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
Referenced Authority:		Repair Pool:	MCC: 3		

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-49311-071- -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	
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 ACCOMPLISHED	ACCOMPLISH 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: K-49311-085- -SHIPALT MCM1-70229K - ACCOMP			MJC: OXSAK062		Rev Date: 7/13/2008
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 18	Alt No: SAMCM 70229 K
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-85) SHIPALT MCM1-70229K, NTCSS OPT UNIT LVL V2, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-70229K WHICH REPLACES THE EXISTING MICROSNAP SYSTEM (IF INSTALLED) WITH THE NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS) OPTIMIZED UNIT LEVEL VERSION 2 CONFIGURATION. NTCSS OPTIMIZED UNIT LEVEL VERSION 2 CONSISTS OF ONE SERVER IN SUPPORT OF THE NTCSS APPLICATIONS, ONE APPLICATION SERVER, AND ONE SERVER IN SUPPORT OF THE NAVSEA INTEGRATED PRODUCT SUITE (NIPS) TO INCLUDE THE ADVANCED TECHNICAL INFORMATION SUPPORT (ATIS) AND DISTANCE SUPPORT (DS) APPLICATIONS, INSTALLED IN A SINGLE BAY RACK. ADDITIONALLY, THE NTCSS OPTIMIZED UNIT LEVEL VERSION 2 CONFIGURATION WILL INSTALL LAPTOPS AND NETWORK PRINTERS IN SUPPORT OF THE SYSTEM. POC: OTIS GLOVER, 619-524-2932, OTIS.GLOVER@NAVY.MIL OR CDR BARON JOLIE, 858-537-8694, BARON.JOLIE@NAVY.MIL OR JAMES FODALE, 619-971-2064, JAMES.FODALE.CTR@NAVY.MIL

Task/Abbreviation: O-49311-086- -EC 72167 AN/UYK-163(V)-ACCOMP			MJC: CXSAO312		Rev Date: 7/13/2008
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 72167
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-86) EC 72167 AN/UYK-163(V)4 EC-26, EC 26 U/L OPT 600-02.01.00, NOT ACCOMPLISHED	ACCOMPLISH EC 72167 AN/UYK-163(V)4 EC-26 WHICH UPGRADES THE NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS). NTCSS IS AN INFORMATION TECHNOLOGY (IT) INITIATIVE THAT MODERNIZES COMPUTER HARDWARE AND SOFTWARE THAT SUPPORTS FLEET LOGISTICS. NTCSS FOCUSES ON THE BUSINESS OBJECTIVES OF FLEET LOGISTICS AND THE WAYS THAT INFORMATION TECHNOLOGY CAN HELP IMPROVE THAT BUSINESS. THIS RELEASE WILL PROVIDE CORRECTIONS FOR CUSTOMER TROUBLE REPORTS (TRS), AND NEW FUNCTIONALITY BASED ON CHANGE REQUESTS (CRS). POC: OTIS GLOVER, 619-524-7561, OTIS.GLOVER@NAVY.MIL OR LUCY GERENA, 858-537-8765, LUCIA.GERENA@NAVY.MIL

Task/Abbreviation: O-49311-099- -SWD 73402 NIAPS - ACCOMP			MJC: XXSAO011		Rev Date: 10/12/2006
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: SWD 73402
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-99) SWD 73402 NIAPS, NIAPS 1.0 SW UPGRADE TO DS 2.0, NOT ACCOMPLISHED	ACCOMPLISH SWD 73402 (EQUIVALENT TO SCD 3402) 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 2.1) 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: RICHARD PETERSON, 717-605-2080, RICHARD.L.PETERSON@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-49311-101- -EC 71496 AN/ USQ-153 - ACCOMP			MJC: CXSAO467		Rev Date: 10/20/2006
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 71496
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-101) EC 71496 NT SERVER UPGRAD TO DL 380, NOT ACCOMPLISHED	ACCOMPLISH EC 71496 NT SERVER UPGRAD TO DL 380 WHICH THE PURPOSE OF THIS ECO IS TO DOCUMENT THE DL-380G3 AS A SUITABLE REPLACEMENT FOR THE DL-380G2 AND TO DETAIL 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.

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-49311-108- -FC 74140 AN/SQQ-94 - ACCOMP**MJC:** CXSAO655**Rev Date:** 2/16/2010**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:** FC 74140**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-49311-108) FC 74140 AN/SSQ-94, AN/SSQ-94
TRAINER LAN UPGRADE, NOT ACCOMPLISHEDACCOMPLISH FC 74140 AN/SSQ-94 WHICH UPGRADES THE
AN/SQQ-94 TRAINER SYSTEM AND ELIMINATES THE PRESENT NTDS
POINT TO POINT INTERFACE CONNECTIONS BETWEEN THE
AN/SQQ-32 SONAR SYSTEM AND THE AN/SSN-2(V)5 NAVIGATION,
COMMAND AND CONTROL SYSTEM. THE INTERFACE WILL BE
REPLACED BY A LAN CONNECTION TO THE AN/SQQ-32 SONAR AND
THE AN/SSN-2(V)5 SYSTEMS. POC: RONALD.CAMBIER, 850-235-5494,
RONALD.CAMBIER@NAVY.MIL OR CHRIS MEUNIER, 850-235-5848,
CHRISTOPHER.MEUNIER@NAVY.MIL OR GEORGE SAROCH,
202-781-3621, GEORGE.SAROCH@NAVY.MIL OR MICHELLE PARSONS,
850-636-2719, MICHELLE.PARSONS@NAVY.MIL

Task/Abbreviation: O-49311-145- -EC 75730 ISNS LAN - ACCOMP			MJC: CXSAO872		Rev Date: 12/18/2007	
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 75730	
Referenced Authority:		Repair Pool:		MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-145) EC 75730 ISNS LAN COMPOSE 3.0.1 SW, ISNS LAN COMPOSE 3.0.1 SW, NOT ACCOMPLISHED.	ACCOMPLISH EC 75730 ISNS LAN COMPOSE 3.0.1 SW WHICH INSTALLS ISNS LAN COMPOSE 3.0.1 SW(EC66). POC: BARBARA EDWARDS, 858-537-8774, BARBARA.EDWARDS@NAVY.MIL OR CHARLES VINSON, 619-890-6033 OR 619-252-9617, CHARLES.VINSON@NAVY.MIL OR MARGARET SOLER, 858-537-8575, MARGARET.SOLER@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-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 ACCOMPLISHEDACCOMPLISH 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-49311-153- -SHIPALT MCM1-75914K - ACCOMP			MJC: CXSAK395		Rev Date: 1/22/2008
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: SAMCM 75914 K
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49311-153) SHIPALT MCM1-75914K, PEOC4I DMS PROXY INSTALL, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-75914K 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: KURT ROSENBAUM, 619-524-7317. KURT.ROSENBAUM@NAVY.MIL.

Task/Abbreviation: K-49311-158- -SHIPALT MCM1-75608K - ACCOMP**MJC:** CXSAK422**Rev Date:** 3/11/2008**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:** SAMCM 75608 K**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-49311-158) SHIPALT MCM1-75608K, PEOC4I
CND-IATS, NOT ACCOMPLISHEDACCOMPLISH SHIPALT MCM1-75608K WHICH PROVIDES CND-IATS
(COMPUTER NETWORK DEFENSE INFORMATION ASSURANCE TOOLS
SERVER) A HARDWARE NETWORK SERVER WITH INFORMATION
ASSURANCE (IA) SOFTWARE SYSTEM WILL BE INSTALLED ON THE
UNCLASSIFIED AND CLASSIFIED NETWORKS. CND-IATS WILL BE
INSTALLED ON SHIPS THAT DO NOT RECEIVE ISNS INCREMENT-1 OR
THAT RECEIVE AN INCREMENT-1 CONFIGURATION OF LESS THAN
FIVE SERVERS IN A RACK. (NOTE: INCREMENT-1 SHIPS WITH A FIFTH
SERVER IN THE RACK WILL RECEIVE COMPUTER NETWORK
DEFENSE - OPERATING SYSTEM ENVIRONMENT CND-DOSE V1.0
SOFTWARE ONLY). THE SOFTWARE PACKAGE CONSISTS OF THE
HOST BASED SECURITY SYSTEM (HBSS) FOR HOST LEVEL
PROTECTION OF SERVERS AND WORKSTATIONS . POC: KARI
ATKINS, 858-537-8621, KARI.ATKINS@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: O-49311-173- -EC 77409 DMS PROXY SW - ACCOMP**MJC:** CXSAK487**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:** 4**Alt No:** EC 77409**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-49311-173) EC 77409 DMS PROXY SOFTWARE (EC01), DMS PROXY SOFTWARE (EC01), NOT ACCOMPLISHED

ACCOMPLISH EC 77409 DMS PROXY SOFTWARE (EC01) WHICH PROVIDES INSTRUCTIONS FOR THE SOFTWARE INSTALLATION FOR DMS PROXY AFLOAT INSTALLATION. DMS PROXY AFLOAT PROVIDES MESSAGE RECEIPT, TRANSMISSION, AND PROCESSING OF ORGANIZATIONAL MESSAGE TRAFFIC OVER SIMPLE MAIL TRANSFER PROTOCOL (SMTP). DMS PROXY AFLOAT PROVIDES FULL CAPABILITY TO ACCOMMODATE THE TRANSITION OF THE MESSAGING ARCHITECTURE. DMS PROXY AFLOAT IS THE REALIZATION OF CONVERSION TO INTERNET PROTOCOL (IP) MESSAGING. THIS ADDS NECESSARY APPLICATIONS TO STANDARD SHIPBOARD ISNS WORKSTATIONS. DMS PROXY AFLOAT IS A SUPPLEMENTAL APPLICATION IN THE COMPOSE BASELINE. POC: MARGARET SOLER, 858-537-8575, MARGARET.SOLER@NAVY.MIL OR CONRADO CAJIGAS, 619-437-2704, CONRADO.CAJIGAS@NAVY.MIL OR KURT ROSENBAUM, 619-524-7829, KURT.ROSENBAUM@NAVY.MIL OR JOHN KMET, 619-524-3540, JOHN.KMET@NAVY.MIL

Task/Abbreviation: O-49311-175- -SWD 76682 - ACCOMP			MJC: CXSAOA21		Rev Date: 6/9/2010
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 76682
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-175) SWD 76682 021-01.00.00, THEATER MEDICAL INFORMATION PR, NOT ACCOMPLISHED	ACCOMPLISH SWD 76682 021-01.00.00 WHICH INSTALLS THE THEATER MEDICAL INFORMATION PROGRAM (TMIP) SOFTWARE IN ORDER TO SUPPORT THE MEDICAL READINESS OF DEPLOYED COMBAT FORCES. IT INSTALLS THE SOFTWARE ON THE EXISTING SNAP AUTOMATED MEDICAL SYSTEM PRODUCT SERVER WHICH IS LOCATED ON THE NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS) RACK OR WITHIN CANES AN/USQ-153. POC: DEREK CARTER, 757-443-0650, DEREK.CARTER@NAVY.MIL OR DEBORAH LUPTON, 757-443-0658, DEBORHA.LUPTON@NAVY.MIL OR ALBERT GRILLS, 757-836-3372, ALBERT.GRILLS@NAVY.MIL

Task/Abbreviation: O-49311-178- -EC 76417 ISNS NW MGT- ACCOMP			MJC: CXSAOA64		Rev Date: 5/24/2011
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 76417
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49311-178) EC 76417 ISNS NETWORK MANAGEMENT SW, ISNS NETWORK MANAGEMENT SW EC, NOT ACCOMPLISHED.	ACCOMPLISH EC 76417 ISNS NETWORK MANAGEMENT SW WHICH PROVIDES ISNS NETWORK MANAGEMENT SOFTWARE. POC: JOSE MEDELLIN, 858-537-0556, JOSE.MEDELLIN@NAVY.MIL OR WILLIAM DELVALLE, 619-524-7882, WILLIAM.DELVALLE@NAVY.MIL.

Task/Abbreviation: O-49311-179- -EC 77494 NIAPS 2.1 - ACCOMP**MJC:** CXSAOA67**Rev Date:** 12/15/2008**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:** EC 77494**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-49311-179) EC 77494 NIAPS 2.1 NIPRNET, PEO
EIS NIAPS 2.1 NIPRNET ST1, NOT ACCOMPLISHEDACCOMPLISH EC 77494 NIAPS 2.1 NIPRNET, WHICH INSTALLS THE
NAVY INFORMATION/APPLICATIONS PRODUCT SUITE (NIAPS) 2.1. IT
IS A SUSTAINMENT TYPE 1 CHANGE TO EXISTING NIAPS
APPLICATIONS WHICH ALLOWS THE LATEST SOFTWARE VERSIONS,
AS WELL AS UPDATED OFF-LINE CONTENT. NIAPS PROVIDES A
HIGHLY BANDWIDTH EFFICIENT REPLICATION MECHANISM
(DISTANCE SUPPORT 3.1). IT 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: SCOTT HETKEY,
858-537-8611, SCOTT.HETKEY@NAVY.MIL OR TIMMY NORRIS,
812-854-8591, TIMMY.NORRIS.CTR@NAVY.MIL OR KEN JOHNSON,
215-854-5275, KENNETH.R.JOHNSON1@NAVY.MIL OR HENRY
HUDDLESTON, 757-558-8722, HENRY.HUDDLESTON@NAVY.MIL OR
LINDA SHERBURNE, 757-558-5299, LINDA.SHERBURNE@NAVY.MIL OR
JOHN UNDSET, 757-417-7917, JOHN.UNDSET@NAVY.MIL OR SHARON
MCILNAY, 202-781-2286, SHARON.A.MCILNAY@NAVY.MIL.

Task/Abbreviation: O-49311-183- -SWD 77976 TMIP 021-01 - ACCOMP**MJC:** XXSAO027**Rev Date:** 6/28/2010**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 77976**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(O-49311-183) SWD 77976 TMIP 021-01.01.00,
THEATER MEDICAL INFO PRG, NOT
ACCOMPLISHEDACCOMPLISH SWD 77976 TMIP 021-01.01.00 WHICH IS A JOINT
MILITARY HEALTH SYSTEM WITH PARTICIPATION FROM THE
ASSISTANT SECRETARY OF DEFENSE FOR HEALTH AFFAIRS
(ASD/HA). TMIP SUPPORTS THE MEDICAL READINESS OF DEPLOYED
COMBAT FORCES EVERYWHERE. POC: DEBORAH LUPTON,
757-443-0658, DEBORHA.LUPTON@NAVY.MIL OR RAY LACASSE,
202-781-2269, RAYMOND.LACASSE@NAVY.MIL OR WILLIAM COLE,
757-443-0648, WILLIAM.E.COLE@NAVY.MIL OR SHARON MCILNAY,
202-781-2286, SHARON.A.MCILNAY@NAVY.MIL OR PAUL LAWRENCE,
202-781-5194, PAUL.J.LAWRENCE@NAVY.MIL OR KWON SO,
202-781-0872, KWON.SO@NAVY.MIL OR RICK ST. PIERRE,
202-781-736, PATRICK.STPIERRE@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: D-49311-187- -SHIPALT MCM1-73435D - ACCOMP**MJC:** OXSAD007**Rev Date:** 2/12/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 5,000**ManDays:** 25**Alt No:** SAMCM 73435 D**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(D-49311-187) SHIPALT MCM1-73435D, METBENCH
CALIBRATION MGT SYS, NOT ACCOMPLISHEDACCOMPLISH SHIPALT MCM1-73435D INSTALLS THE METBENCH
CALIBRATION MANAGEMENT SYSTEM SERVER. THE MCMS SERVER
WILL BE LOCATED IN THE SERVER ROOM WHERE NIAPS SERVERS
ARE LOCATED. IT WILL BE CONNECTED TO THE LAN SO THAT IT WILL
BE ABLE TO BE USED ANYWHERE ON THE SHIP. METBENCH
CALIBRATION MANAGEMENT SYSTEM (MCMS) IS AN AFLOAT
APPLICATION PROVIDING CALIBRATION RECALL, ASSET
MANAGEMENT & TRACKING, WORK STATUS REPORTING, RESULTS
CAPTURING, AND UP-LINING RESULTS DATA. THE SYSTEM
REPLACES THE FOLLOWING THREE SYSTEMS (CRIS, AIS PC, & CRL).
MCMS IS HOSTED ON A SINGLE MACHINE. POC: CATHERINE JOSE,
951-273-5213, CATHERINE.JOSE@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-49311-198- -SHIPALT 77836K - ACCOMP**MJC:** EXSAKA26**Rev Date:** 7/20/2011**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:** SAMCM 77836 K**Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-49311-198) SHIPALT 77836K, CND-IATS A(V)6, NOT ACCOMPLISHED

ACCOMPLISH SHIPALT 77836K WHICH PROVIDES A NETWORK SERVER WITH INFORMATION ASSURANCE (IA) SOFTWARE COMPONENTS TO MEET THE IMPLEMENTATION MANDATES OF JTF-GNO FRAGMENTATION ORDER (FRAGO 13), JTF-GNO CTO 06-18, CNNWC 07-10 AND NCDOC CTO 06-02. THIS WILL BE INSTALLED ON THE UNCLASSIFIED AND CLASSIFIED NETWORKS. THE VARIANT AN/UYQ-96 A(V) 6 WILL RECEIVE THE FOLLOWING EQUIPMENT: DL385 G2 SERVER (414109-B21), BACKUP SOLUTION TAPE LIBRARY, KEYBOARD VIDEO MONITOR HARDWARE (RACKMUX-V17-N), & A UPS (SUA1500R2X93). ONCE CND-IATS WITH CND-OSE V1.0 SOFTWARE IS IN PLACE, NETWORK SECURITY SERVICES CAN BE CENTRALLY MANAGED FOR THE WORKSTATION AND SERVER ASSETS. POC: LOUIS GATES, (619) 553-9436, LOUIS.GATES@NAVY.MIL OR MARGARET SOLER, 858-537-8575, MARGARET.SOLER@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-49311-238- -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:		Alt No: EC 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-49311-250- -SCD 11392 K CND-OSE SIPR**MJC:** EXSAKAG4**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:** 10**Alt No:** 11392 K**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

SCD 11392 K CND-OSE SIPR, NOT ACCOMPLISHED

A DELL E6400 SERIES LAPTOP WILL BE INSTALLED WITH COMPUTER NETWORK DEFENSE OPERATION SYSTEM ENVIRONMENT (CND-OSE) V1.2 THE LAPTOP WILL BE CONNECTED TO THE SIPRNET ONLY USING AN EXISTING PORT AND POWER SUPPLY OUTLET. CND-OSE V1.2 INSTALLED ON THE DELL E6400 SERIES LAPTOP AND COMPRISED OF THE FOLLOWING DOD IA/CND MANDATED COTS APPLICATIONS: HOST BASED SECURITY SYSTEM (HBSS) AND EYE RETINA NETWORK SCANNING TOOL. INFORMATION ASSURANCE (IA) TOOL COMPONENTS MEET THE IMPLEMENTATION MANDATES OF CYBERFOR CTO 10-133 CHANGE 2. CND-OSE V1.2 IS A SUITE OF INFORMATION ASSURANCE TOOLS WITH HAVE BEEN MANDATED BY USCYBERCOM AND ENDORSED BY COMMANDER TENTH FLEET (C10F) AND NNWC THROUGH VARIOUS CTO¿S AND OPORD¿S. EMERGENT PROCESS INSTALL BY CYBERFOR CT0-10-133 DEADLINE OF INSTALLING HBSS 3.0 BY 30SEP11. PARM: BOB BARKSDALE, APM PMW 160, PHONE: 619-524-7164, EMAIL; ROBERT.BARKSDALE@NAVY.MIL TPOC LOUIS GATES, LOUIS.GATES@NAVY.MIL

Task/Abbreviation: K-49311-251- -SCD 11393 K CND-OSE NIPR**MJC:** EXSAKAG5**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:** 10**Alt No:** 11393 K**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

SCD 11393 K CND-OSE NIPR, NOT ACCOMPLISHED

A DELL E6400 SERIES LAPTOP WILL BE INSTALLED WITH COMPUTER NETWORK DEFENSE OPERATION SYSTEM ENVIRONMENT (CND-OSE) V1.2 THE LAPTOP WILL BE CONNECTED TO THE NIPRNET ONLY USING AN EXISTING PORT AND POWER SUPPLY OUTLET. CND-OSE V1.2 INSTALLED ON THE DELL E6400 SERIES LAPTOP AND COMPRISED OF THE FOLLOWING DOD IA/CND MANDATED COTS APPLICATIONS: HOST BASED SECURITY SYSTEM (HBSS) AND EYE RETINA NETWORK SCANNING TOOL. INFORMATION ASSURANCE (IA) TOOL COMPONENTS MEET THE IMPLEMENTATION MANDATES OF CYBERFOR CTO 10-133 CHANGE 2. CND-OSE V1.2 IS A SUITE OF INFORMATION ASSURANCE TOOLS WITH HAVE BEEN MANDATED BY USCYBERCOM AND ENDORSED BY COMMANDER TENTH FLEET (C10F) AND NNWC THROUGH VARIOUS CTOS AND OPORDS. EMERGENT PROCESS INSTALL BY CYBERFOR CT0-10-133 DEADLINE OF INSTALLING HBSS 3.0 BY 30SEP11. PARM: BOB BARKSDALE, APM PMW 160, PHONE: 619-524-7164, EMAIL; ROBERT.BARKSDALE@NAVY.MIL TPOC LOUIS GATES, LOUIS.GATES@NAVY.MIL

Task/Abbreviation: I-49321-003- -ICAS - MRC G1B4**MJC:** EXECI882**Rev Date:** 11/15/2010**RCM Analysis:** 7/12/2004**Scheduled:** Y**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 18**Equip/Task:** 1**Matl Cost:****ManDays:** 3**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-49321-003)THE INTEGRATED CONDITION ASSESSMENT SYSTEM (ICAS) REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE INTEGRATED CONDITION ASSESSMENT SYSTEM (ICAS) ASSESSMENT IN ACCORDANCE WITH MRC G1B4 AS FOLLOWS: 1. PERFORM OPERATIONAL TESTS OF ICAS WORKSTATION. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-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-49321-011- -SCD 78721 ICAS PDT - ACCOMP				MJC: EXSAO477	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: 5	Alt No: 78721 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49321-11) SCD 78721 ICAS, ICAS PDT UPGRADE (MTA), NOT ACCOMPLISHED.	ACCOMPLISH SCD 78721 WHICH REMOVES THE PROTOTYPE INSTALLATION OF PREFERABLE INDUSTRY STANDARD ICAS PORTABLE DATA TERMINALS (PDT) AND UPDATED ICAS PDT SOFTWARE WITHIN THE ICAS WORKSTATION. POC: JESSICA SOLTYSIK, 215-897-7052, JESSICA.SOLTYSIK@NAVY.MIL OR GEORGE FRANCIS, 215-897-7710, GEORGE.FRANCIS@NAVY.MIL

Task/Abbreviation: O-49531-011- -FC 1 TACLANE - ACCOMP			MJC: CXSAO007		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 TACLANE
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49531-11) FC 1 TACLANE, TACLANE (AN/KG-175) - ADNS, NOT ACCOMPLISHED.	ACOMPLISH FC 1 TACLANE WHICH PROVIDES NETWORK COMMUNICATIONS SECURITY ON INTERNET PROTOCOL (IP) AND ASYNCHRONOUS TRANSFER MODE (ATM) NETWORKS.

Task/Abbreviation: O-49531-029- -EC 71412 USQ-153A(V)6 - ACCOMP				MJC: CXSAO249		Rev Date: 6/15/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 47		Alt No: EC 71412 EC51	
Referenced Authority:				Repair Pool:				MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49531-29) EC 71412 AN/USQ-153A(V)6 (EC-51), CENTRIXS-M EC 51 SERVER UPG, NOT ACCOMPLISHED	ACCOMPLISH EC 71412 AN/USQ-153A(V)6 (EC-51) (EQUIVALENT TO SCD 1412) WHICH WILL PROVIDE UPDATED SERVERS FOR BLOCK 0 INSTALLATIONS REQUIRING UPGRADED SERVERS IN ORDER TO SUPPORT THE MANDATED UPGRADE TO COMPOSE 3.X SOFTWARE IN FY06. THE UPGRADED SERVERS WILL MATCH THE PMW-160 PCS BEING PROCURED TO SUPPORT OTHER INSTALLATIONS. POC: SERVO SORIANO, 858-537-0554, JACINTO.SORIANO@NAVY.MIL.

Task/Abbreviation: O-49531-034- -EC 4.00 AN/USQ-172(V) - ACCOMP			MJC: EXSAO161		Rev Date: 7/7/2006
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 4.00 USQ172
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49531-34) EC 4.00 AN/USQ-172(V) GENSER 4.0 SOFTWARE, NOT ACCOMPLISHED	ACCOMPLISH EC 4.00 WHICH THE PURPOSE OF THIS ECO IS TO PROVIDE UPGRADED SOFTWARE SEGMENTS TO THE AN/USQ-172(V) GCCS-M SYSTEM. THESE UPDATES WILL ENHANCE CURRENT SOFTWARE FUNCTIONALITY AND INCORPORATE OPERATOR/DEVELOPER RECOMMENDATIONS TO PROVIDE MORE ROBUST APPLICATIONS TO THE OPERATOR. THESE SEGMENT UPGRADES ARE AUTHORIZED VIA THE FOLLOWING ENGINEERING CHANGE PROPOSAL (ECP): ECP-USQ172-002..

Task/Abbreviation: O-49531-036- -EC 71143 EC53 USQ-153 - ACCOMP			MJC: CXSAO311		Rev Date: 7/11/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 14	Alt No: EC 71143 EC53	
Referenced Authority:			Repair Pool:			MCC: 2				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49531-36) EC 71143 EC 53 AN/USQ-153A,B(V)6, CENTRIXS-M EC-53 SOFTWARE UPG, NOT ACCOMPLISHED	ACCOMPLISH EC 71143 EC 53 AN/USQ-153A,B(V)6 (EQUIVALENT TO SCD 1143) WHICH WILL IMPLEMENT CENTRIXS BLOCK 9 AND BLOCK I SOFTWARE REFRESH FOR THE AN/USQ-153A,B(V)6 SYSTEM. POC: REBEKAH ROSARIO, 757-572-7267, REBEKAH.ROSARIO@NAVY.MIL.

Task/Abbreviation: K-49531-037- -SHIPALT MCM1-70475K - ACCOMP			MJC: EXSAK667		Rev Date: 7/11/2008
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: SAMCM 70475 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49531-37) SHIPALT MCM1-70475K, LAN ISNS GIG-E (AN/USQ-153 V8), NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-70475K WHICH PROVIDES A NEW GIGABIT ETHERNET (GIGE) LOCAL AREA NETWORK (LAN) WITH NEW PC SERVERS NETWORK SWITCHES, NETWORK MANAGEMENT AND STORAGE. THE GIGE LAN WILL CONSIST OF TWO EQUIPMENT RACKS (UNCLAS AND SECRET ENCLAVES) EACH CONTAINING A ROUTER, SWITCHES, SERVERS AND UPS AND ASSOCIATED INTERCONNECTIONS TO OTHER SYSTEMS AND DROPS. PEO C4I HAS THE OVERALL RESPONSIBILITY FOR PROCURING AND INSTALLING THE HOST ISNS LAN, ASSOCIATED INTERCONNECTIONS TO OTHER SYSTEMS, DROPS, ASSOCIATED HARDWARE (SERVERS, DRIVERS, ROUTERS AND SWITCHES) AND OPERATIONG SOFTWARE NECESSARY FOR INITIAL INSTALLATION. CFCP AND JMCIS 98 COMPONENTS WILL BE REMOVED. POC: JOSE MEDELLIN, 858-537-0556, JOSE.MEDELLIN@NAVY.MIL OR BARBARA EDWARDS, 858-537-8774, BARBARA.EDWARDS@NAVY.MIL OR ALLAN OYAMA, 619-524-7914, ALLAN.OYAMA@NAVY.MIL

Task/Abbreviation: K-49531-038- -SHIPALT MCM1-70443K - ACCOMP			MJC: CXSAK163		Rev Date: 3/31/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost:	ManDays:	Alt No: SAMCM 70443 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49531-38) SHIPALT MCM1-70443K- GCCS-M 4.0 (AN/USQ-172(V)5MCM1, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-70443K WHICH, FOR SHIPS NOT EQUIPPED WITH GCCS-M TECH REFRESH, INCREASES RELIABILTY AND SURVIVABILTY, TRANSITIONS TO IT21 PCS AND SUN SOLARIS SERVERS, PROVIDES TACTICAL AND NON-TACTICAL APPLICATIONS ON SAME WORKSTATION, INCREASES COLLABORATION AND EASE OF USE, PROVIDES NATIONAL TO TACTICAL SENSOR INFORMATION ON ONE DISPLAY (PREDATOR, P3, JSTARS, TADIL J, ETC.) AND TIGHTLY INTEGRATES TADIL J AND GCCS COP SYSTEMS (MTC PERMITS PASSING COP LAND TRACKS AND CHAT MESSAGES TO JTIDS EQUIPPED AIRCRAFT AND AUTO-GENERATES BLUE FORCE COP TRACKS TO AIRCRAFT VIA TADILS).

Task/Abbreviation: O-49531-043- -EC 4.20 AN/USQ-172(V) - ACCOMP			MJC: EXSAO174		Rev Date: 10/5/2006
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 4.20
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49531-43) EC 4.20 AN/USQ-172(V) , NOT ACCOMPLISHED	ACCOMPLISH EC 4.20 AN/USQ-172(V) WHICH THIS ECO PROVIDES INSTALLATION INSTRUCTIONS TO INCORPORATE UPDATED SOFTWARE SEGMENTS TO SUPPORT THE AN/USQ-172(V) CONFIGURATION. POC, DESIREE GOMEZ, 855-537-0259, DESIREE.GOMEZ@NAVY.MIL.

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:		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: K-49531-081- -EC 77327 ISNS(V) EC77 - ACCOMP**MJC:** EXSAKA56**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:** 7**Alt No:** EC 77327**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-49531-81) EC 77327 ISNS (V)/ A(V) EC77 FOLLOW,
NOT ACCOMPLISHED. AIT CAPABLEAIT 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: K-49531-096- -EC 77625 K CENTRIXS HW ACCOMP**MJC:** EXSAKAA8**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:** 10**Alt No:** EC 77625**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-49531-96) EC 77625 CENTRIXS HW REFRESH
(EC57), NOT ACCOMPLISHED

**AIT INSTALLATION. ACCOMPLISH
EC 77625 CENTRIXS HW REFRESH (EC57), WHICH UPGRADES ALL
AN/USQ-185(V)1 AND AN/USQ-185A(V)1 SYSTEMS DELL D630
LAPTOPS TO DELL E6400. ALL AN/USQ-185(V)1 AND AN/USQ-185A(V)1
SYSTEMS DELL OPTIPLEX 755 ARE REPLACED WITH DELL OPTIPLEX
760. THIS CHANGE SATISFIES CRITERIA FOR SCD PHASE IIA
DEVELOPMENT FOR INTERNAL EQUIPMENT MODIFICATION. POC:
TOM HEPNER, 619-553-3071, TOM.HEPNER@NAVY.MIL OR MAIA
GOODWELL, 858-537-8765, MAIA.GOODWELL@NAVY.MIL OR CDR
CHRIS CEGIELSKI, 619-537-8891, CHRIS.A.CEGIELSKI@NAVY.MIL OR
BOBBY BAKER, 619-524-7882, BOBBY.L.BAKER.CTR@NAVY.MIL OR
WILLIAM DELVALLE, 619-524-7882, WILLIAM.DELVALLE@NAVY.MIL OR
WILLY ALVARADO, 858-537-8675, WILLY.ALVARADO@NAVY.MIL OR
SHARON MCILNAY, 202-781-2286, SHARON.A.MCILNAY@NAVY.MIL OR
BOB BARKSDALE, 619-524-7164, ROBERT.BARKSDALE@NAVY.MIL OR
WILLY ALVARADO, 858-537-8675, WILLY.ALVARADO@NAVY.MIL.

Task/Abbreviation: O-49531-098- -EC 77127 ISNS REFRESH - ACCOMP			MJC: CXSAOAG4		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: EC 77127
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-49531-98) EC 77127 ISNS TECH REFRESH (V)8, ISNS TECH REFRESH (V)8 (EC85), NOT ACCOMPLISHED	ACCOMPLISH EC 77127 ISNS TECH REFRESH (V)8 FOR AN/USQ-153(V)8 WHICH UPGRADES THE AN/USQ-153(V)8 RACK TO SUPPORT THE NEW OPERATING SYSTEM APPLICATION HOSTING AND LAN CONNECTION. IT REPLACES THE GERMANE SERVERS WITH THE APPROVED BASELINE SERVERS. IT UPGRADES THE COMPOSE LOAD WITH COMPOSE 3.5. CONDUCT SWITCH AND ROUTER UPGRADES TO CONFORM WITH LATEST AVAILABLE FOR (V)8. POC: RICHARD ORCHARD, 619 524-7511, RICHARD.ORCHARD@NAVY.MIL OR MARGARET SOLER, 858-537-8575, MARGARET.SOLER@NAVY.MIL OR WILLIAM DELVALLE, 619-524-7882, WILLIAM.DELVALLE@NAVY.MIL.

Task/Abbreviation: K-49531-111- -ISNS FAS2020, 9424K- ACCOMP				MJC: CXSAK686		Rev Date: 9/9/2011					
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: 9424K	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49531-111) SHIPALT 9424K- ISNS AN/USQ-153, NOT ACCOMPLISHED AIT CAPABLE	ACCOMPLISH SHIPALT 9424K WHICH INSTALLS A FAS2020 AND A (UPS) UNIT IN BOTH CLASS AND UNCLASS SECTIONS, INSTALLS A&J RACKS IF NECESSARY, AND SUCCESSFULLY COMPLETES ALL NECESSARY SHOCK/VIBE/EMI TESTS. TAPE DRIVES WILL NOT BE REMOVED FROM THEIR CURRENT SYSTEM AND TAPES WILL BE SECURED ONBOARD.

Task/Abbreviation: I-49571-001- -GCCS-M - MRC A1J3**MJC:** CXECICI5**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-49571-012- -FC 74229 GCCS-M 4 - ACCOMP			MJC: CXSAK534		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:	Alt No: FC 74229
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-49571-12) SHIPALT FC 74229 GCCS-M 4, MEDAL BUILD 11 STANDALONE INST, NOT ACCOMPLISHED	ACCOMPLISH FC 74229 GCCS-M 4 WHICH UPGRADES EXISTING MEDAL BUILD 10 STANDALONE CONFIGURATION LAPTOPS (SCD 464) TO MEDAL BUILD 11 STANDALONE CONFIGURATION. HAVING A REDUCED SET OF GCCS-M TOOLS AND INDEPENDENT COMMUNICATIONS CAPABILITY, IT WILL BE USED TO BRIDGE THE GAP AS THE MCM SHIPS AND STAFFS ARE UPGRADED TO GCCS-M 4.X. THIS IS A SOFTWARE UPGRADE TO THE EXISTING APPROVED SCD 464 LAPTOP INSTALLATIONS WITH NEWLY RELEASED AND CERTIFIED MEDAL BUILD 11 SOFTWARE SEGMENTS. POC: JAMES FODALE, 619-971-2064, JAMES.FODALE.CTR@NAVY.MIL

Task/Abbreviation: K-4A020-001- -SA 10856 K CND-OSE - ACCOM			MJC: EXSAK986		Rev Date: 6/30/2011
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 10856
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	SA 10856K CND-OSE NOT ACCOMPLISHED	A DELL E6410 SERVER LAPTOP WILL BE INSTALLED WITH COMPUTER NETWORK DEFENSE OPERATION SYSTEM ENVIRONMENT (CND-OSE) V1.1.1. THE SERVER LAPTOP WILL BE CONNECTED TO THE SIPRNET ONLY USING AN EXISTING PORT AND POWER SUPPLY OUTLET. CND-OSE V1.1.1 INSTALLED ON THE DELL E6410 LAPTOPS SERVER AND COMPRISED OF THE FOLLOWING DOD IA/CND MANDATED COTS APPLICATIONS: HOST BASED SECURITY SYSTEM (HBSS) AND EEYE RETINA NETWORK SCANNING TOOL THAT SUPPORTS THE DOD SECURE CONFIGURATION COMPLIANCE VALIDATION INITIATIVE (SCCVI). THE SCD IS BEING SUBMITTED UNDER THE EMERGENT PROCESS TO MEET THE CYBERFOR CT0-10-133 DEADLINE OF INSTALLING HBSS 3.0 MR5 BY 30SEP11. PARM: BOB BARKSDALE, APM PMW 160, PHONE: 619-524-7164, EMAIL; ROBERT.BARKSDALE@NAVY.MIL TPOC LOUIS GATES, LOUIS.GATES@NAVY.MIL

Task/Abbreviation: K-4A020-002- -SA 11306 K CDN-OSE 1.1.1			MJC: EXSAK998		Rev Date: 7/12/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 1	Equip/Task: 0	Matl Cost:	ManDays: 0	Alt No: SA 11306 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	SA 11306 K CDN-OSE 1.1.1, NOT ACCOMPLISHED	A DELL E6410 SERVER LAPTOP WILL BE INSTALLED WITH COMPUTER NETWORK DEFENSE OPERATION SYSTEM ENVIRONMENT (CND-OSE) V1.1.1. A USB BACK-UP DRIVE WILL BE PROVIDED. THE SERVER LAPTOP WILL BE CONNECTED TO THE NIPR NET ONLY USING AN EXISTING PORT AND POWER SUPPLY OUTLET. THE SPECIFIC LOCATION OF THE SERVER LAPTOP WILL BE DETERMINED EITHER DURING . THE SCD IS BEING SUBMITTED UNDER THE EMERGENT PROCESS TO MEET THE CYBERFOR CT0-10-133 DEADLINE OF INSTALLING HBSS 3.0 MR5 BY 30SEP11. PARM: BOB BARKSDALE, APM PMW 160, PHONE: 619-524-7164, EMAIL; ROBERT.BARKSDALE@NAVY.MIL TPOC LOUIS GATES, LOUIS.GATES@NAVY.MIL

Task/Abbreviation: K-4A021-003- -80842 K ISNS ROUTER MEM**MJC:** EXSAKAP1**Rev Date:** 10/3/2011**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:** ALT EC 80842**Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

EC 80842 ISNS ROUTER MEM AND IOS, NOT ACCOMPLISHED

AIT INSTALLATION CAPABLE. THIS ISNS AN/USQ-153 SCD WILL UPGRADE THE ISNS CISCO ROUTER 2691 FLASH MEMORY TO 128MB. THIS WILL ENABLE THE ROUTER TO SUPPORT THE INTERNETWORK OPERATING SYSTEMS (IOS) UPGRADE TO 12.4(25)D ON BOTH CLASS AND UNCLASS ENCLAVES IN COMPLIANCE WITH INFORMATION ASSURANCE (IA) REQUIREMENTS. MULTIPLE DISCREPANCIES HAVE BEEN REPORTED THROUGH VARIOUS SECURITY ADVISORIES (IAVS) THAT RESULT IN CATEGORY I AND II VULNERABILITIES TO THE IOS RUNNING ON THE ISNS CISCO ENCLAVE ROUTERS. THE CURRENT CLASS AND UNCLASS ENCLAVE CISCO 2691 ROUTER MEMORY WILL BE UPGRADED TO SUPPORT THE REQUIRED IOS UPGRADE. ONLY THE PATROL COASTAL SHIPS AND MCM 2 WILL RECEIVE AN IOS INSTALLATION ONLY, SINCE THEIR CURRENTLY INSTALLED CISCO 2811 ROUTER CAN SUPPORT THE ADVANCED IP IOS 12.4(25)D. THE FOLLOWING ECRS SUPPORT THIS SCD: ECR-ISNS-00029, ECR-ISNS-00233, AND ECR-ISNS-235. PARM: NIK SIMON, PEO C4I & SPACE PMW-160, 619-537-0425, NIKOLAS.A.SIMON@NAVY.MIL TPOC: CALVIN CHANG, PEO C4I & SPACE PMW-160, CODE 160.3, (619) 767-4759, CALVIN.CHANG@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: I-50500-A01- -SAB NUT INSP - CLASS ADV 11-01**MJC:** EXECIKH8**Rev Date:** 6/21/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:** 500**ManDays:** 8**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 4**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-50500-A01) SAB NUT INSPECTION REQUIRED

SCHEDULE SAB NUT INSPECTION FOR THE NEXT PLANNED AVAILABILITY AND PERFORM ACCORDING TO COMNAVSEASYS COM NAVAL MSG 151733ZAPR11: 1. CONDUCT 100 PERCENT INSPECTION OF SCBA CHARGING AIR SYSTEM, HP/MP AIR SYSTEMS, STEERING HIGH PRESSURE HYDRAULICS, AND HALON/HFP. 2. CONDUCT SPOT CHECKS OF BLEED AIR SYSTEM, WATER MIST SYSTEM, ANCHOR WINDLASS HIGH PRESSURE HYDRAULICS, AND STERN GATE HIGH PRESSURE HYDRAULICS. SPOT CHECKS TO INCLUDE OTHER HIGH PRESSURE HYDRAULICS AS WELL AS HIGH ENERGY SYSTEMS CONTAINING NITROGEN, OXYGEN, AND HELIUM, IF APPLICABLE. HIGH ENERGY SYSTEM IS DEFINED AS 300 PSI OR GREATER. 3. REVIEW DWGS FOR EACH SYSTEM AND DEVELOP INSPECTION MATRICES (TO INCLUDE UNION ENDED VALVES AND UNION TAKEDOWN JOINTS) TO DOCUMENT FINDINGS, AND PROVIDE STANDARD FEEDBACK TO TOM GOUGH (SEA 21) AT TOM.GOUGH@NAVY.MIL, AND TO SURFMEPP AT SURFMEPP.SYSTEMSENGINEERING@NAVY.MIL. 4. INSPECTION PROCEDURE DETAILED IN PARAGRAPH (3E). 5. INSPECTION PROCEDURE FOR NEW CONSTRUCTION SHIPS DETAILED IN PARAGRAPH (3F). REPORT CONDITIONS FOUND TO SHIP'S CSMP.

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: A-51111-004- -AER MCM1-00747 - ACCOMP			MJC: EXTYA560		Rev Date: 2/14/2010
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 350	ManDays: 2	Alt No: TYMCM 00747
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-51111-4) AER MCM1-00747, SSDG SPACE HEATER REDESIGN, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00747 WHICH INSTALLS NEW TUBULAR SPACE HEATER AND ACCESS TO HEATER ON GENERATOR END OF SSDGS.

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: 5	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: D-51211-018- -SHIPALT MCM1-00156D - ACCOMP				MJC: EXSAD165		Rev Date: 9/7/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required: NO			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 4,000		ManDays: 161		Alt No: SAMCM 00156 D	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-51211-18) TYCOM AUTHORIZED SHIPALT	ACCOMPLISH SHIPALT MCM1-156D "HVAC AND CONDENSATE DRAIN PIPING INSULATION MODIFICATION" PURPOSE: TO PROVIDE INSULATION ON AIR CONDITIONING DUCT, CHILLED WATER PIPING AND COOLING COIL CONDENSATE DRAIN PIPING TO PREVENT EXCESSIVE CONDENSATION. WILL ALSO PROVIDE CONDITIONED AIR CIRCULATION IN FAN ROOMS 01-69-2-Q, 01-57-1-Q, 02-38-1-Q TO ALLEVIATE CONDENSATE BUILDUP.

Task/Abbreviation: A-51211-048- -AER MCM1-00685 - ACCOMP			MJC: EXTYA565		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:	ManDays:	Alt No: TYMCM 00685
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-51211-48) AER MCM1-00685, FLAM STRM ELEC OPER VENT CLOSU, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00685 WHICH INSTALL ELECTRIC ACTUATOR VENT CLOSURES IN THE DUCTING FOR THE NON-DEDICATED SUPPLY AND EXHAUST SYSTEMS SERVING THE FLAMMABLE MATERIAL STOREROOM (2-0-0-A).

Task/Abbreviation: A-51211-050- -AER MCM1-00784 - ACCOMP				MJC: EXTYA567		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:		ManDays:		Alt No: TYMCM 00784	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-51211-50) AER MCM1-00784, REDUCE FAN RM CONDENSATION, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00784 WHICH PROVIDES IMPROVED AIR CIRCULATION, INSULATES CHILLED WATER PIPING, AND IMPROVES DECK DRAINS IN FAN ROOMS 01-69-2-Q, 01-57-1-Q, AND 02-38-1-Q.

Task/Abbreviation: D-51211-113- -SHIPALT MCM1-72526D - ACCOMP			MJC: EXSAD641		Rev Date: 1/14/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10,000	ManDays: 100	Alt No: SAMCM 72526 D
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-51211-113) SHIPALT MCM1-72526D, REMOVE ELECTROSTATIC PRECIPITATOR IN R-40-1 & R-01, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT MCM1-72526D WHICH REMOVES THE ELECTROSTATIC PRECIPITATORS (ESP'S) 02-42-1 AND 02-42-3 IN FAN ROOM 02-38-1-Q AND ESP 01-60-1 IN FAN ROOM 01-57-1-Q BECAUSE THEY ARE INOPERABLE AND BEYOND ECONOMICAL REPAIR. THIS ALTERATION REMOVES THE ESP'S AND INSTALLS A REPLACEMENT SECTION OF DUCTWORK. POC: NICHOLAS PERRUPATO, 215-897-1004, NICHOLAS.PERRUPATO@NAVY.MIL

Task/Abbreviation: D-51211-116- -SHIPALT MCM1-70478D - ACCOMP			MJC: EXSAD658		Rev Date: 6/16/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 20,000	ManDays: 30	Alt No: SAMCM 70478 D
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-51211-116) SHIPALT MCM1-70478D, INSTL MISSING FILTER HOUSING I, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT MCM1-70478D WHICH INSTALLS A NON-MAGNETIC FILTER AND FILTER HOUSING IN THE AIR SUPPLY DUCTING UP STREAM OF COOLING COIL 2-100-1. VENT SYSTEM S-1-87-3 SERVING OILY WATER SEPARATOR ROOM 2-104-1-E, SWEEP GEAR STOREROOM 2-99-0-A, AND SD STOREROOM 2-91-0-A WAS BUILT WITHOUT A FILTER AND FILTER HOUSING IN THE DUCTING PRIOR TO COOLING COIL 2-100-1, WHICH ALLOWS COOLING COIL 2-100-1 TO RAPIDLY COLLECT DIRT, DEGRADING AIR FLOW. POC: NICHOLAS PERRUPATO, 215-897-1004, NICHOLAS.PERRUPATO@NAVY.MIL

Task/Abbreviation: D-51211-117- -SHIPALT MCM1-72564D - ACCOMP			MJC: EXSAD659		Rev Date: 2/14/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 7,000	ManDays: 7	Alt No: SAMCM 72564 D
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-51211-117) SHIPALT MCM1-72564D, RPL THERMOSTATS, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT MCM1-72564D WHICH REPLACES THE 2PD THERMOSTATS WITH E2PD THERMOSTATS. FOR EACH COMPARTMENT CONTAINING A NON MAGNETIC 2PD THERMOSTAT, REMOVE THE THERMOSTAT AND ASSOCIATED CABLE TO THE CHILLED WATER SOLENOID VALVE AND/OR HEATER CONTACTOR. INSTALL AN ELECTRONIC 2PD THERMOSTAT AND ASSOCIATED CABLING TO EXISTING CHILLED WATER SOLENOID VALVES AND HEATER CONTACTORS. POC: NICHOLAS PERRUPATO, 215-897-1004, NICHOLAS.PERRUPATO@NAVY.MIL

Task/Abbreviation: K-51211-139- -SHIPALT MCM1-72574D - ACCOMP			MJC: EXSAK954		Rev Date: 6/23/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 51,000	ManDays: 50	Alt No: SAMCM 72574 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-51211-139) SHIPALT MCM1-72574D, UPGRD VENT CONTR CABINET W/PLC, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-72574D WHICH REPLACES THE EXISTING GAYLORD VCC USED TO WASHDOWN THE GREASE INTERCEPTOR HOODS IN GALLEY (1-45-2-Q) WITH A PLC OPERATED CONTROL FOR RECIRC SYSTEM R-02-40-1.

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: 3	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: A-51311-014- -AER MCM1-00714 - ACCOMP				MJC: EXTYA569		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: 3,000		ManDays:		Alt No: TYMCM 00714	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-51311-14) AER MCM1-00714, VENT AIR LIFT MODS, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00714 WHICH MODIFIES THE NATURAL AIR SUPPLY INTAKES SERVING THE MMR AND AMR AS SPECIFIED BY THE AER. ANY EXISTING COVERS WILL BE REMOVED.

Task/Abbreviation: A-51311-016- -AER MCM1-00835 - ACCOMP			MJC: EXTYA644		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:	ManDays:	Alt No: TYMCM 00835
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-51311-16) AER MCM1-00835, MMR/AMR VENT DIFFUSER MODS, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00835 WHICH REPLACES "DEFUSE-A-JET" TERMINALS WITH ADJUSTABLE BLAST TERMINALS IN THE AMR AND MMR.

Task/Abbreviation: A-51311-019- -AER MCM1-00699 - ACCOMP				MJC: EXT YA849		Rev Date: 9/7/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost:		ManDays:		Alt No: TYMCM 00699	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-51311-19) AER MCM1-00699, AMR HALON VENTILATION MOD, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00699 WHICH PROVIDES EXHAUST FOR HALON IN AMR BY INSTALLING AN EXHAUST TERMINAL IN THE AMR BILGE FROM EXHAUST SYSTEM E01-57-2.

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:** 3**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:** 2**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-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: A-51411-026- -AER MCM1-00738 - ACCOMP			MJC: EXT YA571		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:	ManDays:	Alt No: TYMCM 00738
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-51411-26) AER MCM1-00738, FAN COIL COND PPG EXTEND, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00738 WHICH INSTALLS A CONDENSATE DRAIN TRAP TO THE EXISTING DRAIN PIPING FROM FAN COIL ASSEMBLY R2-23-2.

Task/Abbreviation: Q-51411-030- -CHW CHILLER CRIT HOSE - REPL**MJC:** EXECM103**Rev Date:** 12/15/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:****Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-51411-030) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CHILLED WATER SYSTEM CHILLER 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 CHILLED WATER SYSTEM CHILLER 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-51411-031- -CHW PUMP CRIT HOSE - REPL**MJC:** EXECM113**Rev Date:** 12/15/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-51411-031) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE CHILLED WATER SYSTEM 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 CHILLED WATER SYSTEM 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-51411-036- -CHW PMP MOT-RWND			MJC: EXECJC96		Rev Date: 3/9/2007
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	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: 2		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: 2	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:** 2**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:** 2**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: 2	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:** 2**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:** 2**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: D-51420-024- -SHIPALT MCM1-00014D - ACCOMP			MJC: EXSAD354		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: 3,500	ManDays: 80	Alt No: SAMCM 00014 D
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-51420-24) SHIPALT MCM1-00014D, A/C PLANT SAFETY RELIEF SYSTEM, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-00014D WHICH INSTALLS A REFRIGERANT SAFETY RELIEF SYSTEM ON BOTH 35-TON, CHILLED WATER AC PLANTS. RELIEF SYSTEM CONSISTS OF A RELIEF VALVE, SNIFFER VALVE, AND RUPTURE DISK.

Task/Abbreviation: A-51420-049- -AER MCM1-00821E - ACCOMP				MJC: EXTAAA41		Rev Date: 1/14/2009					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 66,000		ManDays: 145		Alt No: TYMCM 00821 E	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(A-51420-49) AER MCM1-00821E, AC COOLER CONDENSATION-STRG R, NOT ACCOMPLISHED				ACCOMPLISH AER MCM1-00821E WHICH MODIFIES THE AC COOLER CONDENSATION DRAINS.					

Task/Abbreviation: Q-51421-003- -A/C PLT RECIPG COMPR - RPR**MJC:** EXECQ977**Rev Date:** 3/12/2006**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-51421-003)COMPRESSOR REQUIRES REPAIR

DISASSEMBLE THE COMPRESSOR (RECIPROCATING) 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. REMOVE, DISASSEMBLE, CLEAN, REPAIR, AND REASSEMBLE DISCHARGE AND SUCTION VALVES. REMOVE THE COMPRESSOR INSPECTION COVERS, CYLINDER HEADS, AND PISTON. INSPECT COMPONENT PARTS AND REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, BUSHINGS, GASKETS, O-RINGS, 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 CYLINDERS, SLEEVES, PISTONS, PISTON RINGS, PISTON RODS, AND CYLINDER HEADS. C. REPLACE COUPLING. D. REPAIR HEAT EXCHANGERS. NOTE: USE SWT FOR GUIDANCE.

Task/Abbreviation: Q-51421-007- -A/C COND - INSP/RPR**MJC:** EXECQ730**Rev Date:** 2/26/2009**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-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:** 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:** 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: 2		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: 2		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: 2		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: 2		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: 2		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: 2		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: 2	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: 2		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: 2	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-51421-039- -A/C COMPR MOT-RWND			MJC: EXECJE28		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: 1,728	ManDays: 36	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: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,728	ManDays: 36	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: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 864	ManDays: 18	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

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-51421-044- -A/C PLT RECIPG COMPR HE - RPR			MJC: EXECJAG8		Rev Date: 3/12/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	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-51421-044)COMPRESSOR REQUIRES REPAIR	DISASSEMBLE THE COMPRESSOR (RECIPROCATING) 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-51421-045- -A/C PLT RECIPG COMPR SEALS-RPR			MJC: EXECJAG9		Rev Date: 3/12/2006
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	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-51421-045)COMPRESSOR REQUIRES REPAIR	DISASSEMBLE THE COMPRESSOR (RECIPROCATING) 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: 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:** 2**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-51421-056- -A/C PLT R-134A - MRC G1Y2				MJC: EXECI888		Rev Date: 3/23/2009					
RCM Analysis: 7/12/2004		Scheduled: Y		Sit Reqs:		Qty: 2		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-51421-056)THE A/C PLANT R-134A REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-134A ASSESSMENT IN ACCORDANCE WITH MRC G1Y2 AS FOLLOWS: 1. TEST PERFORMANCE OF COMPRESSOR DISCHARGE VALVES. 2. TEST PERFORMANCE OF COMPRESSOR SUCTION 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: I-51421-058- -A/C PLT R-134A - MRC G1Y4			MJC: EXECI890		Rev Date: 3/23/2009
RCM Analysis: 7/12/2004	Scheduled: Y	Sit Reqs:	Qty: 2	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-51421-058)THE R-134A A/C PLANT REQUIRES ASSESSMENT.	ACCOMPLISH THE R-134A A/C PLANT ASSESSMENT IN ACCORDANCE WITH MRC G1Y4 AS FOLLOWS: 1. TEST R-134A PLANT CAPACITY CONTROL 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-51421-069- -AC PLT EQPT VIB TST - MRC G1P1				MJC: EXECIGF9		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-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-51421-085- -A/C PLANT R-134A - MRC A4Q0				MJC: EXECIIG7		Rev Date: 3/23/2009					
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-51421-85) THE R-134A A/C PLANT REQUIRES ASSESSMENT.	ACCOMPLISH THE R-134A A/C PLANT ASSESSMENT IN ACCORDANCE WITH MRC A4Q0 AS FOLLOWS: 1. VERIFY OPERATION OF PRESSURE SWITCHES AND SAFETY DEVICES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-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-51422-003- -A/C PLT RECIPG COMPR - RPR			MJC: EXECQ983		Rev Date: 4/19/2007
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-51422-003)COMPRESSOR REQUIRES REPAIR	DISASSEMBLE THE COMPRESSOR (RECIPROCATING) 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. REMOVE, DISASSEMBLE, CLEAN, REPAIR, AND REASSEMBLE DISCHARGE AND SUCTION VALVES. REMOVE THE COMPRESSOR INSPECTION COVERS, CYLINDER HEADS, AND PISTON. INSPECT COMPONENT PARTS AND REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE UNIT USING NEW BEARINGS, GASKETS, O-RINGS, 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 CYLINDERS, SLEEVES, PISTONS, PISTON RINGS, PISTON RODS, AND CYLINDER HEADS. C. REPLACE COUPLING. D. REPAIR HEAT EXCHANGERS. NOTE: USE SWT FOR GUIDANCE.

Task/Abbreviation: Q-51422-007- -A/C COND - INSP/RPR**MJC:** EXECQ731**Rev Date:** 2/26/2009**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:** 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: 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: 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: 2		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: 2		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: 2		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: 2		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: 2	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: 2		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: 2		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: 2	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: 2	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-51422-031- -A/C COMPR MOT-RWND				MJC: EXECJE29		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,728		ManDays: 36		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: 2	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,728	ManDays: 36	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-51422-032)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-51422-033- -A/C COMPR MOT BRG-REPL				MJC: EXECJE45		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 864		ManDays: 18		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-51422-036- -A/C PLT RECIPG COMPR HE - RPR			MJC: EXECJAI4		Rev Date: 3/12/2006
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-51422-036)COMPRESSOR REQUIRES REPAIR	DISASSEMBLE THE COMPRESSOR (RECIPROCATING) 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-51422-037- -A/C PLT RECIPG COMPR SEALS-RPR			MJC: EXECJAI5		Rev Date: 3/12/2006
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-51422-037)COMPRESSOR REQUIRES REPAIR	DISASSEMBLE THE COMPRESSOR (RECIPROCATING) 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: 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: 2	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-51422-048- -A/C PLT R-134A - MRC G1Y2			MJC: EXECI903		Rev Date: 3/23/2009
RCM Analysis: 7/12/2004	Scheduled: Y	Sit Reqs:	Qty: 2	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-51422-048)THE A/C PLANT R-134A REQUIRES ASSESSMENT.	ACCOMPLISH THE A/C PLANT R-134A ASSESSMENT IN ACCORDANCE WITH MRC G1Y2 AS FOLLOWS: 1. TEST PERFORMANCE OF COMPRESSOR DISCHARGE VALVES. 2. TEST PERFORMANCE OF COMPRESSOR SUCTION 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: I-51422-050- -A/C PLT R-134A - MRC G1Y4			MJC: EXECI905		Rev Date: 3/23/2009
RCM Analysis: 7/12/2004	Scheduled: Y	Sit Reqs:	Qty: 2	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-51422-050)THE R-134A A/C PLANT REQUIRES ASSESSMENT.	ACCOMPLISH THE R-134A A/C PLANT ASSESSMENT IN ACCORDANCE WITH MRC G1Y4 AS FOLLOWS: 1. TEST R-134A PLANT CAPACITY CONTROL 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-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-51422-084- -A/C PLANT R-134A - MRC A4Q0**MJC:** EXECIIG8**Rev Date:** 3/23/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 0**Removal Required:****Lvl of Maint:** 3**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-51422-84) THE R-134A A/C PLANT REQUIRES ASSESSMENT.

ACCOMPLISH THE R-134A A/C PLANT ASSESSMENT IN ACCORDANCE WITH MRC A4Q0 AS FOLLOWS: 1. VERIFY OPERATION OF PRESSURE SWITCHES AND SAFETY DEVICES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-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-51611-003- -SS REFR COMPR - RPR**MJC:** EXECQ752**Rev Date:****RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**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:** 1**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: D-51611-014- -SHIPALT MCM1-00126D - ACCOMP				MJC: EXSAD355		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: 3,500		ManDays: 100		Alt No: SAMCM 00126 D	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-51611-14) SHIPALT MCM1-00126D, REFRIGERANT PRESS RELIEF SYS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-00126D WHICH INSTALLS A PRESSURE RELIEF SYSTEM ON THE SHIP STORES REFRIGERANT PLANT.

Task/Abbreviation: Q-51611-020- -SS REFR COND - PLUG TB				MJC: EXECJ570		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: 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: 1		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: 1		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: 1	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: 1		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: 1		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: 1		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: 1		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: 1		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: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 528		ManDays: 11		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: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 528		ManDays: 11		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: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 264	ManDays: 6	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: 1	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: 1		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: 1	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: 1		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: 1		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:** 1**ManDays:** 1**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-51611-037)THE REFRIGERATION PLANT
REQUIRES ASSESSMENT.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: 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: 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-52011-007- -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:	Recommended Solution:
BASELINE	(Q-52011-007)GATE SEA VALVE REQUIRES REPAIR	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: 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:** **Problem Description:**

BASELINE (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-52011-017- -BALL SEA VLVS - RPR/REPL				MJC: EXECQBB4		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: 750		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52011-017)VALVE REQUIRES CLEANING AND ASSESSMENT	REPAIR THE DESIGNATED BALL SEA VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD 009-96. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, REASSEMBLE VALVES USING NEW GASKETS, SEALS, PACKING, REPLACE MISSING OR UNSERVICEABLE FASTENERS AND LUBRICATE. 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-52011-018- -SCUP SEA VLVS - RPR/REPL**MJC:** EXECQBB5**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:** 500**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-52011-018)VALVE REQUIRES REPAIR.

REPAIR THE DESIGNATED SCUPPER SEA VALVES PER CONDITION ASSESSMENT RECOMMENDATIONS. DISASSEMBLY, CLEAN, INSPECT COMPONENTS AND BLUE CHECK SEAT CONTACT. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, REASSEMBLE VALVES USING NEW GASKETS, PACKING AND REPLACE MISSING OR UNSERVICEABLE FASTENERS. A. CHASE AND TAP EXPOSED THREADED AREAS. B. MACHINE, GRIND, OR LAP AND SPOT-IN FLAP TO SEAT TO OBTAIN 360 DEGREE CONTACT. C. DRESS AND TRUEUP GASKET MATING SURFACES. D. REPLACE FLAP. 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-52011-019- -CHK SEA VLVS - RPR/REPL				MJC: EXECQBC7		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: 750		ManDays: 5		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-52011-019)VALVE REQUIRES REPAIR OR REPLACEMENT	REPAIR THE DESIGNATED CHECK SEA VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD 009-50 (SWING CHECK) OR 009-51 (GLOBE CHECK). REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, REASSEMBLE VALVES USING NEW GASKETS, SEALS, PACKING, REPLACE MISSING OR UNSERVICEABLE FASTENERS AND LUBRICATE. 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-52011-028- -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-52111-004- -FIREMAIN BTFLY VLVS - RPR/REPL		MJC: EXECQ518	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-52111-004)FIREMAIN BUTTERFLY VALVE(S) REQUIRE REPAIR OR REPLACEMENT.	REMOVE THE DESIGNATED BUTTERFLY 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 009-46. REPLACE VALVE(S) SMALLER THAN 4 INCHES. REINSTALL REMOVED VALVE(S) AND OPERATIONAL TEST.

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: 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: D-52111-039- -SHIPALT MCM1-73739D - ACCOMP**MJC:** EXSAD660**Rev Date:** 6/16/2011**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:** SAMCM 73739 D**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(D-52111-39) SHIPALT MCM1-73739D, GATX
EDUCTOR SEAWATER STRAINER, NOT
ACCOMPLISHEDACCOMPLISH SHIPALT MCM1-73739D WHICH INSTALLS A 1-1/2 INCH,
FLANGED SINGLE BASKET STRAINER SIMILAR TO THE TATE ANDALE
"MODEL IS" UPSTREAM OF THE EDUCTOR. IT MUST BE A 1/32 INCH
FILTER PREFORATION AND NONMAGNETIC. ALSO INSTALL A
CUTOUT VALVE UPSTREAM OF THE STRAINER TO ALLOW SHUT OF
SEA WATER SUPPLY WHEN THE BASKET IS REMOVED FOR
CLEANING. THE EXISTING SEA WATER CUTOUT VALVE TO THE
EDUCTOR WILL REMAIN IN PLACE TO PREVENT FLOW OF SYSTEM
WATER FROM THE EDUCTOR DURING BASKET REMOVAL. A
DIFFERENTIAL PRESSURE GAUGE SHALL BE INSTALLED ACROSS
THE STRAINER TO PROVIDE A MEANS TO DETERMINE WHEN
BASKET CLEANING IS NEEDED. POC: NICHOLAS PERRUPATO,
215-897-1004, NICHOLAS.PERRUPATO@NAVY.MIL

Task/Abbreviation: I-52121-001- -FIRE PMP UNIT - OP CHK**MJC:** EXECI183**Rev Date:** 2/7/2011**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 3**Removal Required:** NO**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

(I-52121-001)THE FIREMAIN AND FLUSHING PUMP
UNIT REQUIRES AN OPERATIONAL CHECKOPERATIONALLY 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-52121-005- -FIRE PMP (CC) - RPR**MJC:** EXECQ525**Rev Date:** 2/27/2009**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 3**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-52121-027- -FIRE PMP MOT-RWND				MJC: EXECJC39		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 3		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-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: 3		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-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: 3		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-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: 3	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: 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-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:** 3**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-52121-032)PUMP ROTATING ASSEMBLY
REQUIRES REPAIRREMOVE 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: D-52121-064- -SHIPALT MCM1-77373D - ACCOMP			MJC: EXSAD742		Rev Date: 6/16/2011
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 75,000	ManDays: 20	Alt No: SAMCM 77373 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-52121-64) SHIPALT MCM1-77373D, VERT FIRE PUMP COMP WET END, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-77373D WHICH INSTALLS NAVY APPROVED STRUCTURAL ENGINEERED COMPOSITE PUMP ENDS ONTO THE EXISTING VERTICAL FIRE PUMP MOTORS ON THE MCM-1 CLASS. THE EXISTING METAL PUMP ENDS ARE REMOVED AND A COMPOSITE PUMP END IS INSTALLED IN ITS PLACE WITH EXACT FIT, FORM, AND FUNCTION. THE COMPOSITE PUMP ENDS ARE IN KIT FORM FOR SHIP INSTALLS. THE COMPOSITE PUMP CASINGS ARE MADE OF NAVY APPROVED COMPOSITE MATERIAL SIMSITE 302 AND THE IMPELLER, WEAR RINGS, AND SHAFT SLEEVE ARE MADE FROM NAVY APPROVED SIMSITE 375. THE CARTRIDGE SEAL IS ALSO MADE FROM COMPOSITE MATERIAL. THIS PUMP RUNS QUIETER, IS LIGHTER, IS NON MAGNETIC, AND HAS MEAN TIME BETWEEN FAILURE (MTBF) RATES OF UP TO 6 TIMES THAT OF METALLIC PUMPS THAT THEY REPLACE. COMPOSITE PUMP PARTS ARE READILY AVAILABLE.

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:** 0**Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 3

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: X	Removal Required: NO
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	(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: Q-52411-037- -AUX SW SYS CRIT HOSE - REPL**MJC:** EXECQCW9**Rev Date:** 12/15/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:****Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-52411-037) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE AUXILIARY SEA WATER SYSTEM 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 AUXILIARY SEA WATER SYSTEM 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: D-52411-038- -SHIPALT MCM1-70235D - ACCOMP			MJC: EXTYYAA39		Rev Date: 2/15/2010	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 42,000	ManDays: 100	Alt No: SAMCM 70235 D	
Referenced Authority:		Repair Pool:		MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-52411-38) SHIPALT MCM-70235D, MMGTG ASW MOD, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM-70235D WHICH MODIFIES THE AUXILIARY SEAWATER (ASW) SERVICE SUPPLY PIPING TO THE MAGNETIC MINE SWEEP GAS TURBINE GENERATOR (MMGTG) COOLING SYSTEM. THIS CONFIGURATION INCLUDES INSTALLING A STEP-DOWN, ORIFICE PLATES (5X'S) PIPE DIAMETER SPACING (MIN) BETWEEN ORIFICE PLATES AND DOWNSTREAM COMPONENTS. ENSURE FLOW RATES DO NOT CHANGE MMGTG COOLING SYSTEM MIM REQUIREMENTS: MCM-1 TO 8, 75 GPM, MCM-9 TO 14, 82 GPM.

Task/Abbreviation: D-52411-039- -SHIPALT MCM1-73660D - ACCOMP			MJC: EXSAD644		Rev Date: 2/15/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,000	ManDays: 5	Alt No: SAMCM 73660 D
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-52411-39) SHIPALT MCM1-73660D, MMGTG LUBE OIL COOLER, ASW STRAINER INSTALLATION, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-73660D WHICH INSTALLS A HELLAN TYPE STRAINER IN THE ASW LINE DOWNSTREAM OF WHERE THE FIREMAIN BACKUP SUPPLY LINE TIES INTO THE MMGTG ASW COOLING SUPPLY. THE NEW HELLAN TYPE STRAINER WILL PROVIDE THE NEEDED STRAINING OF MARINE DEBRIS. THIS ALTERATION WILL REQUIRE INSTALLATION OF ADDITIONAL 3 INCH COPPPER-NICKEL PIPING, FITTINGS AND A HELLAN TYPE STRAINER. MATERIAL USED MUST HAVE A MAXIMUM MAGNETIC PERMEABILITY OF 2.0 OR LESS AFTER FABRICATION. POC: GEORGE FRANCIS, 215-897-7710, GEORGE.FRANCIS@NAVY.MIL

Task/Abbreviation: I-52421-001- -ASW PMP UNIT - INSP				MJC: EXECI186		Rev Date: 3/19/2008					
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-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:** 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:** 2**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: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,056		ManDays: 22		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			

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: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 1,056		ManDays: 22		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

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: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 528		ManDays: 11		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

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: I-52421-032- -AUX SW PMP VIB TST - MRC G1P1				MJC: EXECIGH0		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-52421-032)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: A-52711-001- -AER MCM1-00780 - ACCOMP			MJC: EXT YA577		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:	Alt No: TYMCM 00780
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-52711-1) AER MCM1-00780, CM WASHDOWN SYS LOW POINT DRAI, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00780 WHICH PLUG WELDS ALL DRAIN HOLES IN COUNTERMEASURES WASHDOWN PIPING SYSTEM AND INSTALLS LOW POINT DRAIN VALVES.

Task/Abbreviation: D-53131-061- -ACCOMPLISH SA 10773				MJC: EXSAD759		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: 10773 D	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	SA 10773 DISTILLING PLANT, RO INSTALL, NOT ACCOMPLISHED	INSTALL AN ADDITIONAL RELIABLE 2K GALLON PER DAY COMMERCIAL REVERSE OSMOSIS DISTILLING PLANT. CURRENTLY INSTALLED 3K GPD REVERSE OSMOSIS DISTILLING PLANTS ARE UNRELIABLE, AND EXTREMELY EXPENSIVE TO MAINTAIN. INSTALLED COMMERCIAL 2K GPD ROS ARE EFFICIENT, RELIABLE, SIMPLE TO OPERATE AND EASY TO MAINTAIN. REPLACE CURRENTLY INSTALLED 3K GPD RO WITH AN ADDITIONAL 2K GPD COMMERCIAL RO.

Task/Abbreviation: K-53150-040- -SHIPALT MCM1-00315K - ACCOMP			MJC: EXSAK643		Rev Date: 5/19/2006	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 295,000	ManDays: 257	Alt No: SAMCM 00315 K	
Referenced Authority:		Repair Pool:		MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-53150-40) SHIPALT MCM1-00315K - 3000 GPD SHOCK-HARDING RO UNIT, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-00315K - 3000 GPD SHOCK-HARDING RO UNIT WHICH INSTALLS A NONMAGNETIC GRADE "A" SHOCK QUALIFIED 3000 GPD REVERSE OSMOSIS DESALINATION PLANT. POC: JIM FAZIO, 202-781-4372, JAMES.FAZIO@NAVY.MIL

Task/Abbreviation: I-53151-001- -R/O DESALINATOR PLT - INSP**MJC:** EXECI193**Rev Date:** 5/12/2011**RCM Analysis:** **Scheduled:** N **Sit Reqs:****Qty:** 1**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-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-53151-002- -R/O FD BSTR PMP - RPR			MJC: EXECQ928		Rev Date:
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: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53151-002)THE CLOSE-COUPLED FEED BOOSTER PUMP (CENTRIFUGAL) OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT 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-53151-004- -R/O HP PMP - RPR			MJC: EXECQ930		Rev Date: 2/27/2009
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: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-53151-004)THE HIGH PRESSURE PUMP OF THE REVERSE OSMOSIS - DESALINATOR PLANT REQUIRES REPAIR.	REPAIR HP PUMP OF THE REVERSE OSMOSIS DESALINATOR PLANT(S). 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-53151-006- -R/O DESALINATOR PLT - RPR			MJC: EXECQ314		Rev Date: 2/27/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	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: 1		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-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: 1	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-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: 1	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-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-53151-032- -R/O FD BSTR PMP MOT-RWND			MJC: EXECJB43		Rev Date: 5/31/2005
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-53151-032)THE ELECTRIC MOTOR OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT FEED BOOSTER PUMP NEEDS TO BE REWOUND.	REWIND THE ELECTRIC MOTOR OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT FEED BOOSTER PUMP IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53151-033- -R/O FD BSTR PMP MOT-RPR				MJC: EXECJB44		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-53151-033)THE ELECTRIC MOTOR OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT FEED BOOSTER PUMP REQUIRES RECONDITIONING.	RECONDITION THE ELECTRIC MOTOR OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT 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-53151-034- -R/O FD BSTR PMP MOT BRG-REPL			MJC: EXECJB45		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-53151-034)THE ELECTRIC MOTOR BEARINGS OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT FEED BOOSTER PUMP REQUIRES REPLACEMENT.	DISASSEMBLE THE ELECTRIC MOTOR OF THE REVERSE OSMOSIS-TYPE DISTILLING PLANT FEED BOOSTER PUMP. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO PUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-53151-035- -R/O HP PMP RINGS - REPL			MJC: EXECJBL6		Rev Date: 5/31/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	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-53151-035)THE HIGH PRESSURE PUMP (TRIPLEX/PLUNGER-TYPE) PISTON RINGS OF THE REVERSE OSMOSIS DESALINATOR PLANT REQUIRES REPLACEMENT.	REPLACE THE HIGH PRESSURE PUMP (TRIPLEX/PLUNGER-TYPE) PISTON RING SET(S) OF THE REVERSE OSMOSIS DESALINATOR PLANT. HONE CYLINDERS. 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 OPERATION TEST.

Task/Abbreviation: I-53151-038- -R/O PMPS VIB TST - MRC G1P1			MJC: EXECIGH6		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-53151-038)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-53151-062- -R/O UNIT ASSESS - MRC A5E2**MJC:** EXECIKI4**Rev Date:** 7/4/2011**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:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(I-53151-062) THE REVERSE OSMOSIS
DESALINATOR REQUIRES INSPECTIONACCOMPLISH THE REVERSE OSMOSIS DESALINATOR UNIT
ASSESSMENT IN ACCORDANCE WITH MRC A5E2 AS FOLLOWS: 1.
INSPECT REVERSE OSMOSIS DESALINATOR. 2. PERFORM
OPERATIONAL TEST OF REVERSE OSMOSIS UNIT. REPORT
CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND
MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE
"FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST
4790.8B.

Task/Abbreviation: I-53311-001- -POTW PMP - INSP**MJC:** EXECI195**Rev Date:** 2/8/2008**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-53311-001)THE POTABLE WATER PUMP
REQUIRES INSPECTIONINSPECT 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:** 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-53311-005)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:** 1**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: 2	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-53311-027- -RECIRC BROMINATOR - RPR			MJC: EXECQAL0		Rev Date: 3/5/1999
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-53311-027)THE RECIRCULATING BROMINATOR UNIT REQUIRES REPAIR.	REPAIR THE RECIRCULATING 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: 2	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-53311-038- -AER MCM1-60198 - ACCOMP				MJC: EXTYA582	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:	Alt No: TYMCM 60198
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:		Recommended Solution:		
BASELINE	(A-53311-38) AER MCM1-60198, POTABLE WATER SYSTEM MODS, NOT ACCOMPLISHED		ACCOMPLISH AER MCM1-60198 WHICH REPLACES POTABLE WATER PUMP CHECK VALVE.		

Task/Abbreviation: A-53311-039- -AER MCM1-00680 - ACCOMP				MJC: EXTYA583		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:		Alt No: TYMCM 00680	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(A-53311-39) AER MCM1-00680, DELUGE SHOWER, NOT ACCOMPLISHED				ACCOMPLISH AER MCM1-00680 WHICH INSTALLS EMERGENCY DELUGE SHOWERS IN AMR AND MMR.					

Task/Abbreviation: Q-53311-041- -POTW PMP MOT-RWND			MJC: EXECJB46		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	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-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: 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-53311-042)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: 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-53311-043)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-53311-050- -POTW PMP MECH SEAL - REPL			MJC: EXECJDT1		Rev Date: 6/3/2005
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-53311-050)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:** 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:**

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: 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-53311-052)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: 1		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: 1	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-53311-054)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: 1	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-53311-055)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: D-53311-071- -SHIPALT MCM1-00227D - ACCOMP			MJC: EXSAD525		Rev Date: 3/28/2007
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 13	Alt No: SA MCM1 00227D
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-53311-71) SHIPALT MCM1-227D, SAN SINK HW BOOST HEATER UPGRAD, NOT ACCOMPLISHED	ACCOMPLISH MCM1-00227D WHICH UPGRADES THE EXISTING SANITARY SINK AND 6 KW HOT WATER BOOSTER HEATER TO A 9 KW MODEL IN GALLEY (1-45-2-Q). THIS WILL PROVIDE HOT WATER IN THE SANITIZING SINK AT THE CORRECT TEMPERATURE.

Task/Abbreviation: Q-53311-074- -POTW SVCE SYS CRIT HOSE - REPL**MJC:** EXECQCW8**Rev Date:** 12/15/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:****Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-53311-074) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE POTABLE WATER SERVICE SYSTEM 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 POTABLE WATER SERVICE SYSTEM 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-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: Q-54121-006- -FO XFR PMP - RPR			MJC: EXECQ683		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:		Qty: 1	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-54121-006)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-54121-021- -FO XFR PMP CRIT HOSE - REPL			MJC: EXECM155		Rev Date: 6/1/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54121-021) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE FUEL OIL TRANSFER 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 FUEL OIL TRANSFER 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-54121-022- -FO XFR PMP MOT-RWND				MJC: EXECJC27		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		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-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: 1	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-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: 1		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-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:** 1**Removal Required:****Lvl of Maint:** 3**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-54121-062- -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: Q-54122-015- -FO PURIFIER - RPR**MJC:** EXECQBQ1**Rev Date:** 11/3/2005**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 2,475**ManDays:** 55**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-54122-015)PURIFIER REQUIRES REPAIR

REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REPAIR THE FUEL 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-54122-018- -FO PUR (BOWL ASSY) - RPR			MJC: EXECQBQ6		Rev Date: 11/4/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	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-54122-018)BOWL ASSEMBLY REQUIRES REPAIR AND BALANCE	REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE FUEL 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. REPAIR AND BALANCE BOWL ASSEMBLY.

Task/Abbreviation: Q-54122-019- -FO PUR (FD PMPS) - RPR			MJC: EXECQBQ7		Rev Date: 11/4/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 6,500	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54122-019)PUMP REQUIRES REPAIR	REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE FUEL 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-54122-020- -FO PUR (FD PMPS) - REPL			MJC: EXECQBQ8		Rev Date: 11/4/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 13,000	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54122-020)PUMP REQUIRES REPLACEMENT	REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE FUEL 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-54122-021- -FO PUR (BRAKE ASSY) - RPR			MJC: EXECQBQ9		Rev Date: 11/4/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	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-54122-021)BRAKE ASSEMBLY REQUIRES REPAIR	REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE FUEL 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: Q-54122-022- -FO PUR (DISCS) - REPL				MJC: EXECQBR0		Rev Date: 11/4/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		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-54122-022)DISCS REQUIRE REPLACEMENT	REQUEST SERVICES OF A QUALIFIED OEM TECHNICAL REPRESENTATIVE. REMOVE, DISASSEMBLE AND CLEAN THE FUEL OIL PURIFIER TO THE EXTENT NECESSARY TO REPLACE THE DISCS. 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 DISCS.

Task/Abbreviation: Q-54122-023- -FO PURIFIER MOT-RWND			MJC: EXECQBQ0		Rev Date: 11/3/2005
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-54122-023)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE FUEL OIL PURIFIER ELECTRIC MOTOR IN ACCORDANCE WITH NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-54122-024- -FO PURIFIER MOT-RPR				MJC: EXECQBQ2		Rev Date: 11/3/2005					
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-54122-024)ELECTRIC MOTOR REQUIRES RECONDITIONING				RECONDITION THE FUEL OIL PURIFIER ELECTRIC MOTOR 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-54122-025- -FO PURIFIER MOT BRG-REPL			MJC: EXECQBQ3		Rev Date: 11/3/2005
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-54122-025)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE FUEL OIL PURIFIER ELECTRIC MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-54122-035- -FO PURIFIER VIB TST - MRC G1P1		MJC: EXECIGI2	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-54122-035)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-54122-036- -FO SVCE PUR CRIT HOSE - REPL			MJC: EXECQCR2		Rev Date: 6/1/2009
RCM Analysis:		Scheduled: Y	Sit Reqs:	Qty: 0	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:		MCC: 3	
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-54122-036) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE FUEL OIL SERVICE 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 FUEL OIL SERVICE 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-54122-038- -PURIFIER REQUIRES OVERHAUL**MJC:** EXECQHT7**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:****Referenced Authority:** **Repair Pool:****MCC:** 0**Reason:** **Problem Description:**

BASELINE Q-54122-038 PURIFIER REQUIRES OVERHAUL

Recommended Solution:

REQUEST SERVICES OF A QUALIFIED TECHNICAL REPRESENTATIVE. OVERHAUL THE FUEL OIL PURIFIER PER CONDITION ASSESSMENT RECOMMENDATIONS AND AS DESIGNATED. DISASSEMBLE, CLEAN, INSPECT, AND REPAIR PARTS AND COMPONENTS. REPLACE ALL GASKETS, SEALS, AND O-RINGS. ON COMPLETION OF REPAIRS, PER TECHNICAL REPRESENTATIVE DIRECTIONS AND AS AUTHORIZED FROM THE FOLLOWING LIST REPLACE AND/OR REINSTALL COMPONENTS. DISASSEMBLE AND REASSEMBLE COMPONENTS IN ACCORDANCE WITH TECH MANUAL S9261-AV-MMA-010 CHAPTER 6 SECTION V. A. PUMP/SPINDLE DRIVE BELT ASSEMBLY. B. ELECTRIC MOTOR. C. FEED PUMP. D. BOWL ASSEMBLY. E. SPINDLE CARTRIDGE ASSEMBLY. F. SPEED COUNTER ASSEMBLY. G. DUAL COVER ASSEMBLY. H. PIPING ASSEMBLY. I. SIGHTGLASS. CLEAN AND INSPECT FLOW SWITCH ASSEMBLY. CLEAN AND INSPECT INLET STRAINER. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-55121-002- -(M)MP AIR RCVR - CERT**MJC:** EXECM131**Rev Date:** 10/21/2008**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 8**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:** 3**Reason:****Problem Description:****Recommended Solution:**

COPPER NICKEL R (I-55121-002)NSTM REQUIREMENT DUE

IAW NSTM CH-551, PARA. 551-1.5.5, PSNSY MEMO 9551 SER 260LCM/021 & PSNSY MEMO 9551 SER 260LCM/05, OPEN, CLEAN, INSPECT, HYDROSTATICALLY TEST AND REPAIR THE COPPER NICKEL MEDIUM PRESSURE AIR RECEIVERS. INSPECT THE EXTERIOR AND INTERIOR SURFACES FOR PITTING, DEFECTS AND DEFORMATION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ATTACH NEW TEST LABEL PLATES, REINSTALL ACCESS COVERS USING NEW GASKETS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. WELD-REPAIR PITTED AREAS BELOW ALLOWABLE MINIMUM WALL THICKNESS. B. HYDROSTATICALLY TEST RECEIVERS TO 150% OF NOMINAL OPERATING SYSTEM PRESSURE (WORKING PRESSURE). C. REPLACE GASKETS ON COMPLETION OF HYDROSTATIC 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.

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

STAINLESS STEEL (I-55121-002)NSTM REQUIREMENT DUE

IAW NSTM CH-551, PARA. 551-1.5.5, PSNSY MEMO 9551 SER 260LCM/021 & PSNSY MEMO 9551 SER 260LCM/05, OPEN, CLEAN, INSPECT, HYDROSTATICALLY TEST AND REPAIR THE STAINLESS STEEL MEDIUM PRESSURE AIR RECEIVERS. INSPECT THE EXTERIOR AND INTERIOR SURFACES FOR PITTING, DEFECTS AND DEFORMATION. REPORT CONDITIONS FOUND TO THE NSA. ON COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING LIST, ATTACH NEW TEST LABEL PLATES, REINSTALL ACCESS COVERS USING NEW GASKETS AND ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. WELD-REPAIR PITTED AREAS BELOW ALLOWABLE MINIMUM WALL THICKNESS. B. HYDROSTATICALLY TEST RECEIVERS TO 150% OF NOMINAL OPERATING SYSTEM PRESSURE (WORKING PRESSURE). C. REPLACE GASKETS ON COMPLETION OF HYDROSTATIC 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: Z-55121-005- -MP/LP AIR RLF VLV - TST				MJC: EXECZ016		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 0		Removal Required: YES			
Lvl of Maint: 1		Freq: 0		Equip/Task: 0		Matl Cost: 450		ManDays: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		TBD				REMOVE COMPRESSED AIR SYSTEM RELIEF VALVES FOR TESTING AND SETTING. NOTE: APPLIES TO MHC-51 CLASS ONLY.					

Task/Abbreviation: A-55121-051- -AER MCM1-00042 - ACCOMP				MJC: HXTYA001		Rev Date: 3/27/2007					
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: TYMCM 00042	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(A-55121-51) AER MCM1-00042, LP AIR TO EOD LOCKER, NOT ACCOMPLISHED				ACCOMPLISH AER MCM1-00042 WHICH INSTALLS LP AIR TO THE EOD LOCKER.					

Task/Abbreviation: Q-55121-052- -LP/MP AIR SYS CRIT HOSE - REPL**MJC:** EXECQCW7**Rev Date:** 12/15/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:****Removal Required:****Lvl of Maint:** 2**Freq:** 0**Equip/Task:** 1**Matl Cost:** 1,000**ManDays:** 4**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-55121-052) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE LP/MP AIR SYSTEM 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 LP/MP AIR SYSTEM 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-55152-002- -MP AIR COMPR - RPR			MJC: EXECQ771		Rev Date: 6/2/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 2	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:
MCM & MHC	(Q-55152-002)COMPRESSOR REQUIRES REPAIR	DISCONNECT AND REMOVE MEDIUM PRESSURE AIR COMPRESSOR (MPAC) FROM BASEPLATE. TRANSPORT TO SHOP. ACCOMPLISH OVERHAUL AND SATISFACTORY SHOP TEST IN ACCORDANCE WITH S6220-D2-TRS-010 OVERHAUL PROCEDURES FOR AIR COMPRESSOR, 600 PSI, 20 SCFM, MODEL 2KX2-30B AND MODEL 2KX2-30A/B. TRANSPORT TO SHIP. INSTALL AND CONNECT. ACCOMPLISH SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-55152-004- -MP AIR COMPR CLRS - INSP**MJC:** EXECQ775**Rev Date:****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-55152-004)INTER AND 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. INSPECT SEAWATER PIPING FOR BLOCKAGE AND CLEAR BY DISASSEMBLING OR BACKFLUSHING. INSPECT CYLINDER BLOCK SEAWATER PASSAGES FOR BLOCKAGE AND BACKFLUSH IF NECESSARY. 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-55152-006- -MPAC CLRS - PLUG TB			MJC: EXECJ465		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: 450	ManDays: 7	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55152-006)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-55152-007- -MPAC CLRS - REPL TB BUNDLE			MJC: EXECJ466		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: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55152-007)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-55152-008- -MPAC CLRS - REPL TB			MJC: EXECJ467		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: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55152-008)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-55152-009- -MPAC CLRS - REPL ZINCS				MJC: EXECJ468		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: 2			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-55152-009)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-55152-010- -MPAC CLRS - REROLL TB			MJC: EXECJ469		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: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55152-010)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-55152-011- -MPAC CLRS - RPR TB SH		MJC: EXECJ470		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: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55152-011)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-55152-012- -MPAC CLRS-RPR TB SPRT PLATES			MJC: EXECJ471		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: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55152-012)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-55152-013- -MP AIR COMPR MOT-RWND				MJC: EXECJB70		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 660		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55152-013)ELECTRIC MOTOR REQUIRES REWINDING	REWIND THE MEDIUM 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-55152-014- -MP AIR COMPR MOT-RPR				MJC: EXECJB71		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: 10		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55152-014)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE MEDIUM 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-55152-015- -MP AIR COMPR MOT BRG-REPL				MJC: EXECJB72		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 108		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-55152-015)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE MEDIUM PRESSURE AIR COMPRESSOR ELECTRIC MOTOR. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR TO COMPRESSOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: I-55152-016- -MPAC RIX 2KX2-30A - MRC G2H4**MJC:** EXECIAE8**Rev Date:** 3/19/2008**RCM Analysis:** 8/21/2006**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:**

BASELINE

Problem Description:

(I-55152-016)THE RIX 2KX2-30A MPAC LOW OIL PRESSURE SWITCH, TIME DELAY RELAY, AND HIGH AIR TEMPERATURE SHUTDOWN SWITCH REQUIRE ASSESSMENT.

Recommended Solution:

TEST THE RIX 2KX2-30A MPAC LOW OIL PRESSURE SWITCH, TIME DELAY RELAY, AND HIGH AIR TEMPERATURE SHUTDOWN SWITCH IN ACCORDANCE WITH MRC G2H4 AS FOLLOWS: 1. TEST LOW OIL PRESSURE SWITCH, TIME DELAY RELAY AND HIGH AIR TEMPERATURE 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-55152-017- -MPAC RIX 2KX2-30A - MRC G2H5				MJC: EXECIAE9	Rev Date: 8/12/2005
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-55152-017)THE MPAC RIX 2KX2-30A REQUIRES ASSESSMENT.	ACCOMPLISH THE MPAC RIX 2KX2-30A ASSESSMENT IN ACCORDANCE WITH MRC G2H5 AS FOLLOWS: 1. INSPECT OIL PUMP SEALS. 2. TEST UNLOADER SYSTEM. 3. TEST OPERATION OF FINAL AIR CHECK VALVE. 4. RECORD COMPRESSOR OPERATIONAL PARAMETERS AND PERFORM MOTOR AND MOTOR CONTROLLER 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-55152-018- -MPAC RIX 2KX2-30A - MRC G2H6			MJC: EXECIAF0		Rev Date: 8/12/2005					
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-55152-018)THE MPAC RIX 2KX2-30A REQUIRES ASSESSMENT.	ACCOMPLISH THE MPAC RIX 2KX2-30A ASSESSMENT IN ACCORDANCE WITH MRC G2H6 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: D-55152-019- -SHIPALT MCM1-00321D - ACCOMP				MJC: EXSAD468		Rev Date: 6/22/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 2,000		ManDays:		Alt No: SAMCM 00321 D	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-55152-19) SHIPALT MCM1-00321D - MPAC COUNTERBALANCE MECHANISM, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-00321D WHICH INCREASES THE RELIABILITY AND REDUCES MAINTENANCE COST BY REMOVING THE COUNTERBALANCE MECHANISM ON THE OIL PUMP END OF THE MEDIUM PRESSURE AIR COMPRESSOR (MPAC) CRANKSHAFT AND INCREASES THE SIZE OF THE KEY USED TO ATTACH THE COUNTERBALANCE DRIVER PULLEY TO THE CRANKSHAFT ON THE FLYWHEEL END

Task/Abbreviation: I-55152-020- -MPAC VIB TST - MRC G1P1			MJC: EXECIGI6		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-55152-020)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: A-55512-015- -AER MCM1-00789 - ACCOMP				MJC: EXT YA913		Rev Date: 3/27/2007					
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: TYMCM 00789	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(A-55512-15) AER MCM1-00789 AFFF EXTINGUSIHER IN GALLEY NOT ACCOMPLISHED				ACCOMPLISH AER MCM1-00789 WHICH INSTALLS AFFF EXTINGUSIHER IN THE GALLEY.					

Task/Abbreviation: A-55531-011- -AER MCM1-00299 - ACCOMP			MJC: EXTYA848		Rev Date: 6/23/2005
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 300	ManDays: 3	Alt No: TYMCM 00299
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-55531-11) AER MCM1-00299, REMOVE HALON MONITORING SYSTEM, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00299 WHICH REMOVES THE HALON MONITOR ALARMS AND WIRING FROM THE MAIN MACHINERY SPACES

Task/Abbreviation: Q-56111-004- -STRG HYDR PMP - RPR**MJC:** EXECQ962**Rev Date:** 4/8/2010**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 2**Removal Required:** YES**Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:****ManDays:** 25**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**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: 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: 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-56111-025- -STRG SYS CRIT HOSE - REPL			MJC: EXECM158		Rev Date: 6/1/2009
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 0	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-56111-025) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE STEERING SYSTEM 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 STEERING SYSTEM CRITICAL FLEXIBLE HOSE ASSEMBLY IN ACCORDANCE WITH NAVSEA S6430-AE-TED-010 AND 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-56111-026- -STRG HYDR PMP MOT-RWND		MJC: EXECJ975		Rev Date:	
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 2	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 660	ManDays: 20	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: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 216		ManDays: 10		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: 2		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 108		ManDays: 2		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-56111-075- -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-56111-078- -STRG SYS - MRC A5A0**MJC:** EXECIHE6**Rev Date:** 10/9/2009**RCM Analysis:** 6/19/2006**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:**

BASELINE

Problem Description:

(I-56111-078)THE ELECTRO-HYDRAULIC STEERING SYSTEM REQUIRES ASSESSMENT.

Recommended Solution:

ACCOMPLISH THE ELECTRO-HYDRAULIC STEERING SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC A5A0 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: 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:** 450 **ManDays:** 10 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 3**Reason:**

BASELINE

Problem Description:

(I-56211-001)RUDDER REQUIRES INSPECTION AND REPAIR

Recommended Solution:

REPAIR THE RUDDER AS FOLLOWS: A. REMOVE RUDDER INSPECTION PLATES FOR ACCESS TO PINTLE AND RUDDER STOCK NUT(S)/CARRIER KEYS, AS APPLICABLE. B. UNSHIP RUDDER IF REQUIRED (OPTIONAL). C. INSPECT RUDDER FOR WEAR IN LEANING SURFACES, RUDDER POST, NUT ENGAGEMENT AND COATING SYSTEM. D. ACCOMPLISH AIR TEST OF RUDDER. E. MEASURE AND RECORD BEARING CLEARANCES IAW 0901-LP-430-0020 CH. 244. F. SUBMIT REPORT OF FINDINGS FOR PARAGRAPHS C. THRU E. G. ACCOMPLISH REPAIRS AS AUTHORIZED 1) WELD REPAIRS TO : RUDDER, PINTLES, SLEEVE AND BUSHING BEARING HOUSING. 2) MACHINE, BORE TO DESIGN , PINTLE TAPERS , PINTLE BOSSES, BEARING HOUSING AND RUDDER STOCK. H. REPLACE WEARING PARTS, BEARING SEALS AND BUSHINGS. I. BLAST AND PRESERVE RUDDER WITH RUST PREVENTIVE BY FLOAT-COAT METHOD. J. AIR TEST RUDDER. K. REINSTALL RUDDER, ALIGN BEARINGS AND SEALS. L. CLOSE INSPECTION PLATES AND PRESERVE. PROVIDE "AS-FOUND 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: Q-56811-003- -BOW THRUSTER RDCN GR - RPR**MJC:** EXECQ803**Rev Date:****RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**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-56811-003)BOW THRUSTER REDUCTION GEAR
REQUIRES REPAIRACCOMPLISH THE FOLLOWING REPAIRS TO THE REDUCTION GEAR
OF THE BOW THRUSTER UNIT PER CONDITION ASSESSMENT
RECOMMENDATIONS AND AS DESIGNATED. ON COMPLETION OF
REPAIRS, REINSTALL COMPONENTS, REPLACE MISSING AND/OR
UNSERVICEABLE FASTENERS AND ACCOMPLISH A SATISFACTORY
OPERATIONAL TEST AND VIBRATION ANALYSIS SURVEY. SUBMIT A
REPORT OF CONDITIONS FOUND TO THE SHIP'S CSMP. A. REMOVE
UPPER-HALF COVERS FOR INTERNAL EXAMINATION. B.
BLUE-CONTACT-CHECK GEAR TEETH AND VERIFY INTERNAL
ALIGNMENT. C. MEASURE AND RECORD AND NOTE CONDITION OF
OIL DEFLECTORS, JOURNALS AND BEARING CLEARANCES. D.
ACCOMPLISH SYSTEM OIL FLUSH. E. STONE AND POLISH GEAR
TEETH, AS REQUIRED. F. REPLACE AND/OR REBABBITT BEARINGS,
AS REQUIRED. G. MACHINE-GRIND JOURNALS, AS REQUIRED. H.
REPLACE OIL DEFLECTORS, AS REQUIRED. I. PROVIDE
POST-REPAIRS CLEARANCES AND ALIGNMENT DATA. J. ENSURE
SATISFACTORY DRIVER UNITS TO REDUCTION GEAR UNIT
ALIGNMENT.

Task/Abbreviation: Q-56811-004- -BOW THRUSTER PMP - RPR**MJC:** EXECQ804**Rev Date:****RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**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-56811-004)PUMP REQUIRES REPAIR

REMOVE PUMP OF BOW THRUSTER UNIT TO THE SHOP. OPEN PUMP CASING. CLEAN/INSPECT ALL COMPONENTS. MEASURE/RECORD AS-FOUND AND POST-REPAIRS RUNNING CLEARANCES & RUNOUTS. ACCOMPLISH NDT OF PUMP SHAFT & SHAFT SLEEVES. REPORT CONDITIONS FOUND TO SHIP'S CSMP. ON COMPLETION OF REPAIRS, REASSEMBLE UNIT & ACCOMPLISH SAT OP TEST. A. RESURFACE AND MACHINE SHAFT JOURNALS. B. REPLACE DESIGNATED COUPLINGS. C. REPLACE PROPELLER. D. REPLACE SHAFT. E. REPLACE SHAFT SLEEVES. F. REPLACE SHAFT SPACER SLEEVES. G. DYNAMICALLY-BALANCE ROTATING ASSEMBLY. H. REPAIR CASING AND BEARING HOUSINGS USING WELD BUILD BUILD-UP OR AUTHORIZED COATING SYSTEM. I. REPAIR THRUSTER TUNNEL (P/S). J. REPAIR DESIGNATED DIVERTER VALVES. K. REPLACE DESIGNATED DIVERTER VALVES. L. REPAIR DIVERTER VALVE HYDRAULIC ACTUATED CYLINDERS. M. REPLACE DIVERTER VALVE HYDRAULIC ACTUATED CYLINDERS.

Task/Abbreviation: A-56811-006- -AER MCM1-00787 - ACCOMP			MJC: EXTYA017		Rev Date: 2/14/2010
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,725	ManDays: 100	Alt No: TYMCM 00787
Referenced Authority:	Repair Pool:	MCC: 2			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-56811-6) AER MCM1-00787, BOW THRUSTER INTERNA COATING, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00787 WHICH PROVIDES AN INTERNAL COATING FOR THE BOW THRUSTER .

Task/Abbreviation: Q-56811-008- -BOW THRUSTER MOT-RWND				MJC: EXECJD35		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 7,000		ManDays: 100		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(Q-56811-008)ELECTRIC MOTOR REQUIRES REWINDING				REWIND THE ELECTRIC MOTOR OF THE BOW THRUSTER UNIT IN ACCORDANCE WITH THE REQUIREMENTS OF NAVSEA STANDARD ITEM 009-33. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.					

Task/Abbreviation: Q-56811-009- -BOW THRUSTER MOT-RPR			MJC: EXECJD36		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 720	ManDays: 60	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-56811-009)ELECTRIC MOTOR REQUIRES RECONDITIONING	RECONDITION THE ELECTRIC MOTOR OF THE BOW THRUSTER UNIT 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-56811-010- -BOW THRUSTER MOT BRG-REPL				MJC: EXECJD37		Rev Date:					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 360		ManDays: 12		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-56811-010)ELECTRIC MOTOR BEARINGS REQUIRE REPLACEMENT	DISASSEMBLE THE ELECTRIC MOTOR OF THE BOW THRUSTER UNIT. REPLACE BEARINGS. ASSEMBLE. ALIGN MOTOR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-56811-011- -BOW THRUSTER CONTROL SYS - RPR			MJC: EXECJAZ1		Rev Date: 6/9/2005
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	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-56811-011)BOW THRUSTER CONTROL SYSTEM REQUIRES REPAIR	TROUBLESHOOT AND REPAIR THE BOW THRUSTER CONTROL SYSTEM IN ACCORDANCE WITH THE APPLICABLE TECH MANUAL REPLACING DEFECTIVE CIRCUIT BOARDS AND COMPONENTS AS NECESSARY. SYNCHRONIZE GAGE READINGS AND CONTROL IN THE LOCAL CONTROL STATION AND BRIDGE CONTROL STATION. OPERATIONALLY TEST REMOTELY AND LOCALLY.

Task/Abbreviation: I-56811-021- -BOW THRUSTER - MRC N2H1			MJC: EXECIFV1		Rev Date: 2/9/2007
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:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-56811-021)BOW THRUSTER UNIT REQUIRES ASSESSMENT	ACCOMPLISH THE BOW THRUSTER ASSESSMENT IN ACCORDANCE WITH MRC N2H1 AS FOLLOWS: 1. PERFORM BOW THRUSTER AC MAGNETIC CONTROLLER INSPECTION. 2. INSPECT MOTOR OPERATED FIELD RHEOSTAT. 3. PERFORM BOW THRUSTER LOCAL AND REMOTE CONTROL PANEL 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-56811-022- -BOW THRUSTER - MRC N2H2				MJC: EXECIFV2		Rev Date: 2/9/2007					
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-56811-022)BOW THRUSTER UNIT REQUIRES ASSESSMENT	ACCOMPLISH THE BOW THRUSTER ASSESSMENT IN ACCORDANCE WITH MRC N2H2 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: I-56811-023- -BOW THRUSTER - MRC N2H3			MJC: EXECIFV3		Rev Date: 2/9/2007
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-56811-023)BOW THRUSTER UNIT REQUIRES ASSESSMENT	ACCOMPLISH THE BOW THRUSTER ASSESSMENT IN ACCORDANCE WITH MRC N2H3 AS FOLLOWS: 1. PERFORM HYDRAULIC SYSTEM TEST. 2. PERFORM OPERATIONAL TEST OF DC MOTOR. 3. PERFORM OPERATIONAL TEST OF MOTOR OPERATED FIELD RHEOSTAT. REPORT CONDITIONS FOUND TO SHIP'S CSMP. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-56811-024- -BOW THRUSTER VIB TST- MRC G1P1			MJC: EXECIGJ0		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-56811-024)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-56811-026- -SHIPALT MCM1-70392K ACCOMP**MJC:** EXSAD497**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:** SAMCM 70392 K**Referenced Authority:****Repair Pool:****MCC:** 2**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(K-56811-26) SHIPALT MCM1-70392K, MCM BOW THRUSTER MODS, NOT ACCOMPLISHED

ACCOMPLISH SHIPALT MCM1-70392K WHICH UPDATES OBSOLETE PORTIONS OF THE BOW THRUSTER UNIT. THIS ALTERATION REPLACES THE OBSOLETE HYDRAULIC ACCUMULATOR, REMOVES THRUSTER VANE ACTUATORS AND THE OBSOLETE VANE POSITION MONITOR SYSTEM, AND REPLACES THEM WITH HYDRAULIC ACTUATORS WITH INTEGRAL POSITION FEEDBACK AND POSITION SWITCHES. AN ELECTRONIC INTERFACE IS INSTALLED BETWEEN NEW ACTUATOR POSITION SENSORS AND THRUSTER CONTROLS, AND A HAND PRE-LUBE PUMP IS INSTALLED FOR THE GEARBOX. A PENDANT CONTROL IS INSTALLED TO ALLOW EMERGENCY RUN SWITCH FUNCTION OUT OF BOW THRUSTER COMPARTMENT. FRAME HEATERS ARE INSTALLED ON DC MOTOR TO MAINTAIN INSULATION RESISTANCE OF WINDINGS WHEN UNIT IS IDLED. POC: NICHOLAS PERRUPATO, 215-897-1004, NICHOLAS PERRUPATO@NAVY.MIL OR CHRIS SINGER, 202-781-3802, CHRISTOPHER.SINGER@NAVY.MIL OR CHRISTIAN STALLSMITH, 202-479-6767 X714, CSTALLSMITH@GRYPHONLC.COM.

Task/Abbreviation: Q-56811-027- -BOW THRUSTER CRIT HOSE - REPL			MJC: EXECQCR9		Rev Date: 12/15/2009
RCM Analysis:		Scheduled: Y	Sit Reqs:	Qty: 0	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-56811-027) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE BOW THRUSTER 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 BOW THRUSTER 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-56811-028- -BOW THRUSTER - RPR				MJC: EXECQE53		Rev Date: 4/20/2009					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 0		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-56811-028)BOW THRUSTER REQUIRES REPAIR	ACCOMPLISH THE FOLLOWING REPAIRS TO THE BOW THRUSTER PER CONDITION ASSESSMENT RECOMMENDATIONS: A. REPLACE ANODES. B. REMOVE BIOFOULING. C. REPLACE PROPELLER. D. REMOVE FOULING. E. REPAIR/REPLACE GRATING. DIVERS INSPECTION REPORT AVAILABLE AT WWW._____.COM (REFERENCE JOB NUMBER_____).

Task/Abbreviation: A-57131-007- -AER MCM1-00709 - ACCOMP			MJC: EXTYA591		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:	Alt No: TYMCM 00709
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-57131-7) AER MCM1-00709, FUEL AT SEA PRESS GAGE INST, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00709 WHICH INSTALL PERMANENT PRESSURE GAGE AT EACH FUELING AT SEA STATION FUEL OIL FILL CONNECTION.

Task/Abbreviation: I-58111-001- -AHR/AHR CHAIN - INSP/PSV**MJC:** OXECM001**Rev Date:** 4/28/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:** D/D**Qty:** 1**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:**

MCM-MHC REQUIR (I-58111-001)NSTM REQUIREMENT DUE

IAW NSTM CH 581, PARA. 581-2.7, REMOVE AND DISASSEMBLE ANCHORS, SWIVEL SHOTS, CHAINS, DETACHABLE LINKS AND STOPPERS. BLAST 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. UPON 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. NOTES: 1. FOR MCM SHIPS, BLACK WALNUT SHELLS SHALL BE USED FOR ABRASIVE BLAST MEDIA PER NAVSEA STANDARD ITEM 009-32. 2. 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-58111-005- -AHR WNDLS (GR) - RPR**MJC:** OXECQ017**Rev Date:****RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 1**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-58111-005)THE ANCHOR WINDLASS (GEARED)
REQUIRES REPAIR.REPAIR THE ANCHOR WINDLASS PER CONDITION ASSESSMENT
RECOMMENDATIONS AND APPLICABLE TECHNICAL MANUAL. OPEN,
CLEAN AND INSPECT ALL COMPONENTS. RECORD AS FOUND
CLEARANCES AND RUNOUTS AND PROVIDE A REPORT OF
CONDITIONS FOUND TO THE NAVAL SUPERVISING ACTIVITY. ON
COMPLETION OF REPAIRS, AS AUTHORIZED FROM THE FOLLOWING
LIST. REASSEMBLE UNIT USING NEW BEARINGS, DOWELS,
GASKETS, KEYS, LOCKNUTS, LOCKWASHERS, O-RINGS, PINS,
SEALS, SHIMS, SPACERS AND SPRINGS. REPLACE
MISSING/UNSERVICEABLE FASTENERS. ENSURE SAT ALIGNMENT
AND LUBRICATE THE EQUIPMENT. RECORD POST REPAIR
CLEARANCES AND RUNOUTS. FLUSH AND CLEAN REDUCTION GEAR
SUMP. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST. A. FREE
AND ADJUST OPERATING GEAR AND LINKAGE. B. RESURFACE AND
MACHINE BRAKE DRUMS. C. STONE AND/OR DRESS PINION AND
GEAR TOOTH TO REMOVE HIGH SPOTS. D. REPLACE RIVETS AND
CHOCKS. E. REPAIR ELECTRIC BRAKE.

Task/Abbreviation: Q-58111-019- -AHR WNDLS MOT - RWND			MJC: EXECJE01		Rev Date: 8/18/2008
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,200	ManDays: 26	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: 1	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-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: 1	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-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-58111-028- -AHR WNDLS (GR) ELEC BRAKE -RPR			MJC: EXECJBE4		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: 1,350	ManDays: 15	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58111-028)THE ELECTRIC BRAKE OF THE ANCHOR WINDLASS REQUIRES REPAIR.	REPAIR THE ELECTRIC BRAKE OF THE ANCHOR WINDLASS. DISASSEMBLE THE BRAKE. REMOVE THE OLD BRAKE LINING PADS AND RIVETS. REPLACE BRAKE LINING PADS AND RIVETS WITH NEW. INSPECT THE BRAKE DRUM. RESURFACE AND MACHINE BRAKE DRUM AS NEEDED. REASSEMBLE THE BRAKE. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58111-029- -AHR WNDLS (GR) BRAKE DRUM -RPR			MJC: EXECJBE5		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: 900	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-58111-029)THE ANCHOR WINDLASS ELECTRIC BRAKE DRUM REQUIRES RESURFACING AND MACHINING.	RESURFACE AND MACHINE ANCHOR WINDLASS ELECTRIC BRAKE DRUM. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-58111-030- -AHR WNDLS PINION/GR TOOTH -RPR			MJC: EXECJBE6		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: 750	ManDays: 8	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		
Reason:	Problem Description:	Recommended Solution:			
BASELINE	(Q-58111-030)THE ANCHOR WINDLASS REDUCTION GEAR PINION AND GEAR TOOTH REQUIRE STONING AND/OR DRESSING TO REMOVE HIGH SPOTS	DISASSEMBLE ANCHOR WINDLASS REDUCTION GEAR. STONE AND/OR DRESS PINION AND GEAR TOOTH TO REMOVE HIGH SPOTS. REASSEMBLE THE REDUCTION GEAR. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.			

Task/Abbreviation: I-58111-087- -AHR WNDLS - MRC T1W0			MJC: EXECIF52		Rev Date: 3/22/2005
RCM Analysis: 9/13/2004	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-58111-087)THE ANCHOR WINDLASS REQUIRES ASSESSMENT.	ACCOMPLISH THE ANCHOR WINDLASS ASSESSMENT IN ACCORDANCE WITH MRC T1W0 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-58111-089- -AHR WNDLS - MRC 9MMU			MJC: EXECIF54		Rev Date: 12/12/2007
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-58111-089)THE ANCHOR WINDLASS REQUIRES ASSESSMENT.	ACCOMPLISH THE ANCHOR WINDLASS ASSESSMENT IN ACCORDANCE WITH MRC 9MMU AS FOLLOWS: 1. TEST OPERATE ANCHOR WINDLASS WITH NO-LOAD. 2. TEST OPERATE ANCHOR WINDLASS WITH LOAD. 3. TEST OPERATE MECHANICAL HANDBRAKE AND ELECTRIC/MAGNETIC 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: A-58211-012- -AER MCM1-00802 - ACCOMP				MJC: EXTYA594		Rev Date: 9/29/2010					
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: TYMCM 00802	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-58211-12) AER MCM1-00802, TOWING HAWSER COATING, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00802 WHICH EXTENDS THE THE SAMPHENE C POLYURETHANE COATING 1 FOOT ON EITHER SIDE OF THE EXISTING COATING ON THE TOWING HAWSER.

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 REPAIRREPAIR 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: X	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-58311-044- -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: 324	ManDays: 12	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: 156	ManDays: 7	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: 78	ManDays: 2	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: I-58311-124- -INSP WINCH - MRC T1Y6			MJC: EXECID67		Rev Date: 6/19/2007					
RCM Analysis: 8/21/2006		Scheduled: Y		Sit Reqs:		Qty: 1	Removal Required:			
Lvl of Maint: 3		Freq: 18		Equip/Task: 1		Matl Cost: 73		ManDays: 4	Alt No:	
Referenced Authority:			Repair Pool:			MCC: 3				

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58311-124)THE BOAT HANDLING & STOWAGE NON-MAGNETIC DAVIT WINCH REQUIRES ASSESSMENT.	ACCOMPLISH THE BOAT HANDLING & STOWAGE ASSESSMENT TO THE EXTENT NECESSARY TO INSPECT THE NON-MAGNETIC DAVIT WINCH IN ACCORDANCE WITH MRC T1Y6 AS FOLLOWS: 1. PERFORM VISUAL INSPECTION/COLD CHECKS. 2. 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: A-58311-146- -AER MCM1-60210 - ACCOMP				MJC: DXTYA008		Rev Date: 6/23/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 100		ManDays: 5		Alt No: TYMCM 60210	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-58311-146) AER MCM1-60210, BOAT DAVIT IMPROVEMENTS, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-60210 WHICH INSTALLS BOAT DAVIT IMPROVEMENTS.

Task/Abbreviation: I-58311-185- -BOAT DAVITS OP TEST-MRC A5DE			MJC: OXECI069		Rev Date: 10/10/2009
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: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58311-185) OP TEST REQUIRED	VISUALLY INSPECT AND ACCOMPLISH OPERATIONAL TESTING ON THE BOAT HANDLING DAVIT SYSTEM IN ACCORDANCE WITH MRC A5DE AS FOLLOWS: 1. TEST OPERATE BOAT DAVIT. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-58311-186- -BOAT DAVIT ASSESS-MRC A5DD			MJC: OXECI070		Rev Date: 10/10/2009
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: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58311-186) BOAT DAVIT INSPECTION REQUIRED	VISUALLY INSPECT THE BOAT HANDLING DAVIT SYSTEM IN ACCORDANCE WITH MRC A5DD AS FOLLOWS: 1. INSPECT BOAT DAVIT AND BOAT STOWAGE ASSEMBLIES. 2. INSPECT BOAT FALL AND SHEAVES. 3. INSPECT AC CONTROLLERS AND ELECTRICAL SUBCOMPONENTS. PROVIDE "AS-FOUND MATERIAL CONDITION" CODE IN THE SECOND POSITION OF THE "FINAL ACTION TAKEN" FIELD (2-KILO, BLOCK 64) IAW NAVSEAINST 4790.8B.

Task/Abbreviation: I-58311-187- -BOAT DAVIT ASSESS-MRC A5DC			MJC: OXECI071		Rev Date: 10/10/2009
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: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(I-58311-187) BOAT DAVIT INSPECTION REQUIRED	VISUALLY INSPECT AND ACCOMPLISH OPERATIONAL TESTING ON THE BOAT HANDLING DAVIT SYSTEM IN ACCORDANCE WITH MRC A5DC AS FOLLOWS: 1. INSPECT BOAT HOISTING WINCH ASSEMBLY. 2. INSPECT DAVIT SLEWING ASSEMBLY. PROVIDE "AS-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-58321-013- -SHIPALT MCM1-00319K - ACCOMP			MJC: EXSAK886		Rev Date: 8/12/2009
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 25,714	ManDays: 34	Alt No: SAMCM 00319 K
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-58321-13) SHIPALT MCM1-00319K, MAN OVERBOARD INDICATING SYS, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-00319K WHICH WILL ALERT THE BRIDGE OF MAN OVERBOARD AND EXPEDITE RESCUE EFFORT USING A DIRECTION FINDER POC. THE SYSTEM CONSISTS OF A RECEIVER (RX100), DIRECTION FINDER (DF 100) AND TRANSMITTER (TX102) POC: THEODORE BELZER, 202-781-3513, TED.BELZER@NAVY.MIL

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: 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-59311-034- -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: Q-59311-055- -SEW MACERATOR ASSY - RPR			MJC: EXECQBB0		Rev Date: 1/18/2002
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	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-59311-055)THE MACERATOR ASSEMBLY OF THE SEWAGE DISPOSAL SYSTEM REQUIRES REPAIR.	DISCONNECT AND REMOVE THE MACERATOR OF THE SEWAGE DISPOASAL SYSTEM. OPEN THE CASING. ACCOMPLISH SANITARY AND HYGIENIC REQUIREMENTS. CLEAN AND INSPECT ALL COMPONENTS. MEASURE AND RECORD ROTOR DIMENSIONS AND RUNOUTS, AND ROTATING AND STATIONARY CUTTER CLEARANCES. ACCOMPLISH NDT OF SHAFT AND SCREEN ASSEMBLY. DISASSEMBLE. REPLACE BEARINGS, SEALS, AND O-RINGS. REPLACE MISSING COMPONENTS. REPLACE OR REPAIR DEFECTIVE COMPONENTS. ASSEMBLE. INSTALL AND CONNECT USING NEW FASTENERS AND FLANGE GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59311-104- -SEW MACERATOR - REPL			MJC: EXECJE61		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 10,316	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-104)THE MACERATOR OF THE SEWAGE DISPOSAL SYSTEM REQUIRES REPLACEMENT.	DISCONNECT AND REMOVE THE MACERATOR OF THE SEWAGE DISPOASAL SYSTEM. ACCOMPLISH SANITARY AND HYGIENIC REQUIREMENTS. INSTALL NEW MACERATOR AND CONNECT USING NEW FASTENERS AND FLANGE GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59311-105- -SEW MACERATOR RTR & SHFT-REPL			MJC: EXECJE62		Rev Date:
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-105)THE MACERATOR ROTOR, SHAFT, BEARINGS, SEALS AND O-RINGS OF THE SEWAGE DISPOSAL SYSTEM REQUIRE REPLACEMENT.	DISCONNECT AND REMOVE THE MACERATOR OF THE SEWAGE DISPOASAL SYSTEM. OPEN THE CASING. ACCOMPLISH SANITARY AND HYGIENIC REQUIREMENTS. REPLACE ROTOR, SHAFT, BEARINGS, SEALS, AND O-RINGS. ASSEMBLE. INSTALL AND CONNECT USING NEW FASTENERS AND FLANGE GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59311-106- -SEW MACERATOR SEALS-REPL			MJC: EXECJE63		Rev Date:
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 3	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 525	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-106)THE MACERATOR SEALS AND O-RINGS OF THE SEWAGE DISPOSAL SYSTEM REQUIRE REPLACEMENT.	DISCONNECT AND REMOVE THE MACERATOR OF THE SEWAGE DISPOASAL 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: 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:**

BASELINE

Problem Description:(I-59311-127)THE SEWAGE AND WASTE WATER
POLLUTION CONTROL SYSTEM PIPING REQUIRES
ASSESSMENT.**Recommended Solution:**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:**

BASELINE

Problem Description:

(I-59311-131)THE POLLUTION CONTROL SYSTEM COMPARTMENT AIRFLOW ALARM REQUIRES ASSESSMENT.

Recommended Solution:

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:**

BASELINE

Problem Description:

(I-59311-132)THE CHT SYSTEM SEWAGE PUMP, COMMUNOTOR, AND VALVES REQUIRE ASSESSMENT.

Recommended Solution:

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: I-59311-133- -VCHT SW, EJECTOR, ALM-MRC G1D9			MJC: EXECIAJ8		Rev Date: 8/1/2005
RCM Analysis: 7/12/2004		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-59311-133)THE VCHT TANK LEVEL SWITCHES, EJECTOR SYSTEM, AND FLOODING ALARM REQUIRES ASSESSMENT.	ACCOMPLISH THE VCHT TANK LEVEL SWITCHES, EJECTOR SYSTEM, AND FLOODING ALARM ASSESSMENT IN ACCORDANCE WITH MRC G1D9 AS FOLLOWS: 1. TEST VCHT TANK LEVEL SWITCHES. 2. TEST EJECTOR SYSTEM OPERATION. 3. TEST SUMP FLOODING ALARM 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-59311-135- -POLL CONT SYS (EVAP)- MRC G1H7			MJC: EXECIAK0		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-59311-135)THE POLLUTION CONTROL EVAPORATIVE TREATMENT SYSTEM REQUIRES ASSESSMENT.	ACCOMPLISH THE POLLUTION CONTROL EVAPORATIVE TREATMENT SYSTEM ASSESSMENT IN ACCORDANCE WITH MRC G1H7 AS FOLLOWS: 1. PERFORM EVAPORATIVE TREATMENT SYSTEM (ETS) 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-59311-139- -POLL CONT SYS (EVAP)- MRC C7TP			MJC: EXECIAK4		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:
BASLINE	(I-59311-139)THE POLLUTION CONTROL EVAPORATIVE TREATMENT SYSTEM HEATER REQUIRES ASSESSMENT.	ACCOMPLISH THE POLLUTION CONTROL EVAPORATIVE TREATMENT SYSTEM HEATER ASSESSMENT IN ACCORDANCE WITH MRC C7TP AS FOLLOWS: 1. MEASURE EVAPORATOR TREATMENT SYSTEM HEATER ELEMENT 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-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: Q-59311-151- -SEW SLUDGE DISCH PMP-RPR**MJC:** EXECQCE6**Rev Date:** 3/29/2006**RCM Analysis:****Scheduled:** N**Sit Reqs:****Qty:** 3**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-59311-151)THE SLUDGE PUMP OF THE SEWAGE DISPOSAL SYSTEM REQUIRES REPAIR.

DISCONNECT AND REMOVE THE PUMP. OPEN THE CASING. ACCOMPLISH SANITARY AND HYGIENIC REQUIERMENTS, CLEAN AND INSPECT ALL COMPONENTS. MEASURE AND RECORD ROTOR DIMENSIONS AND RUNOUTS AND ROTATING AND STATIONARY CLEARANCES. ACCOMPLISH NDT OF SHAFT AND CASING. REPLACE BEARINGS, SEALS AND O-RINGS. REPLACE OR REPAIR DEFECTIVE COMPONENTS. REASSEMBLE. INSTALL AND CONNECT USING NEW FASTENERS AND FLANGE GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59311-152- -SEW SLUDGE PMP RTR&SHFT-REPL			MJC: EXECQCE7		Rev Date: 3/30/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,500	ManDays: 10	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-152)THE SLUDGE DISCHARGE PUMP ROTOR, SHAFT BEARINGS, SEALS AND O-RINGS OF THE SEWAGE SYSTEM REQUIRE REPLACEMENT.	REMOVE SLUDGE DISCHARGE PUMP FROM THE SEWAGE SYS. OPEN THE CASING. ACCOMPLISH SANITARY AND HYGIENIC REQUIREMENTS. REPLACE ROTOR, SHAFT, BEARINGS, SEALS AND O-RINGS. REASSEMBLE. INSTALL AND CONNECT USING NEW FASTENERS AND FLANGE GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

Task/Abbreviation: Q-59311-153- -SEW SLUDGE PMP SEALS-REPL				MJC: EXECQCE8		Rev Date: 3/30/2006					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 525		ManDays: 4		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59311-153)THE SLUDGE PUMP SEALS AND O-RINGS OF THE SEWAGE DISPOSAL SYSTEM REQUIRE REPLACEMENT.	REMOVE SLUDGE PUMP FROM SEWAGE SYSTEM OPEN THE CASING. ACCOMPLISH SANITARY AND HYGIENIC REQUIREMENTS. REPLACE SEALS AND O-RINGS. REASSEMBLE. INSTALL AND CONNECT USING NEW FASTENERS AND FLANGE GASKETS. ACCOMPLISH A SATISFACTORY OPERATIONAL TEST.

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:** 1**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 INSPECTIONINSPECT 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: 1	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: A-59321-033- -AER MCM1-00826 - ACCOMP				MJC: EXT YA600		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:		ManDays:		Alt No: TYMCM 00826	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-59321-33) AER MCM1-00826, 1F FUEL OIL TELLTALE DRAIN, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00826 WHICH RE-DIRECTS DIESEL ENGINE FUEL OIL PUMP TELLTALE DRAIN TO OILY WASTE DRAIN COLLECTION SYSTEM.

Task/Abbreviation: Q-59321-040- -OILY WASTE SYS CRIT HOSE- REPL			MJC: EXECM161		Rev Date: 6/1/2009
RCM Analysis:		Scheduled: Y	Sit Reqs:	Qty: 0	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 1,000	ManDays: 4	Alt No:
Referenced Authority:		Repair Pool:		MCC: 3	
NAVSEA S6430-AE-TED-010 NAVSEA CWP CRIT HOSE REPL PROG GC:700020,MA:2265					

Reason:	Problem Description:	Recommended Solution:
BASELINE	(Q-59321-040) THE SYNTHETIC RUBBER HOSE MATERIAL FOR THE OILY WASTE SYSTEM 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 OILY WASTE SYSTEM 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-59321-044- -OW XFR PMP MOT-RWND			MJC: EXECJB49		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-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: 2	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-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: 2		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-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: 1	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: 1	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: 1	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: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 5,500	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: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 900	ManDays: 30	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: 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: A-59321-091- -AER MCM1-00756 - ACCOMP				MJC: HXTYA002		Rev Date: 3/27/2007					
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: TYMCM 00756	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-59321-91) AER MCM1-00756, OWS TANK BODY DRAINS, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00756 WHICH INSTALLS DRAINS FOR THE OIL/WATER SEPARATOR TANK BODY TO THE OILY WASTE COLLECTION SYSTEM. THIS SIMPLIFIES THE MAINTENANCE PROCEDUTRES FOR THE OWS.

Task/Abbreviation: D-59321-092- -SHIPALT MCM1-00196D - ACCOMP				MJC: EXSAD524		Rev Date: 3/28/2007					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 210		ManDays: 19		Alt No: SA MCM1 00196D	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-59321-92) SHIPALT MCM1-00196D, FO STR ENCL OILY WASTE DRAIN, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-00196D WHICH INSTALLS A DRAIN FROM THE GAS TURBINE GENERATOR FUEL OIL STRAINER ENCLOSURE TO THE OILY WASTE COLLECTION SYSTEM.

Task/Abbreviation: I-59321-102- -OIL CONTENT MONITOR - MRC A5A9		MJC: EXECIIF2	Rev Date: 4/3/2009		
RCM Analysis:	Scheduled: Y	Sit Reqs:	Qty: 1	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-59321-105- -OIL CONTENT MONITOR - MRC C1NL		MJC: EXECIIF5	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-59321-105)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:** 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-59321-106)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-59321-110- -BLACKMER OW XFR PMP - MRC F3WT**MJC:** EXECIIG0**Rev Date:** 11/6/2009**RCM Analysis:****Scheduled:** Y**Sit Reqs:****Qty:** 1**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: 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-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: Q-62321-005- -ACCOM LAD - RPR**MJC:** EXECQAV5**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:****Referenced Authority:****Repair Pool:****MCC:** 1**Reason:****Problem Description:****Recommended Solution:**

BASELINE

(Q-62321-005)ACCOMMODATION LADDER
REQUIRES REPAIRREPAIR 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: TBD	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 1,200	ManDays: 13	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: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 750	ManDays: 10	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: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 750	ManDays: 10	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: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 750	ManDays: 10	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: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 750	ManDays: 10	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: TBD	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 750	ManDays: 10	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: TBD	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 750	ManDays: 10	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: TBD	Removal Required:	
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 750	ManDays: 10	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: TBD	Removal Required:
Lvl of Maint: 2	Freq: 0	Equip/Task: 1	Matl Cost: 750	ManDays: 10	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: Q-63111-001- -MCHRY SPACE BILGE - PSV			MJC: EXECQ976		Rev Date:
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: 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: 2	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-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: 22,500		ManDays: 500		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-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: 5,625	ManDays: 125	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: 20		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: R-63511-002- -HULL INSUL - RPR/REPL			MJC: EXSYR140		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: 2,000	ManDays: 10	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: K-64211-002- -SHIPALT MCM1-77297K - ACCOMP			MJC: EXSAK870		Rev Date: 9/24/2010
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 MCM-77297K
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-64211-2) SHIPALT MCM1-77297K, MCM WOMEN AT SEA INSTALLATION, NOT ACCOMPLISHED	ACCOMPLISH SHIPALT MCM1-77297K (EQUIVALENT TO SCD 7297) WHICH PROVIDES SEPARATE BERTHING AND SANITARY SPACES FOR THREE MALE AND THREE FEMALE CPOS AND PROVIDES BERTHING WITH CO-LOCATED SANITARY SPACE FOR A 15 FEMALE CREW. POC: CHRISTOPHER SINGER, 202-781-3802, CHRISTOPHER.SINGER@NAVY.MIL.

Task/Abbreviation: A-65111-050- -AER MCM1-60207 - ACCOMP				MJC: EXTYA857		Rev Date: 6/23/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 600		ManDays: 6		Alt No: TYMCM 60207	
Referenced Authority:				Repair Pool:				MCC: 3			
Reason:		Problem Description:				Recommended Solution:					
BASELINE		(A-65111-50) AER MCM1-60207, DEEP FAT FRYER EMERGENCY TRIP, NOT ACCOMPLISHED				ACCOMPLISH AER MCM1-60207 WHICH INSTALLS A DEEP FAT FRYER EMERGENCY TRIP.					

Task/Abbreviation: A-65111-051- -AER MCM1-60209 - ACCOMP				MJC: EXTYA858		Rev Date: 9/29/2010					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 9		Alt No: TYMCM 60209	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-65111-51) AER MCM1-60209, REPLACE 20 QUART STEAM KETTLE, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-60209 WHICH REPLACES THE 20 QUART STEAM KETTLE.

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-66411-012- -SHIPALT MCM1-00309K - ACCOMP			MJC: EXSAK165		Rev Date: 7/6/2006
RCM Analysis:	Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 28,000	ManDays: 104	Alt No: SAMCM 00309 K
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(K-66411-12) SHIPALT MCM1-00309K, SELF CONTAINED BREATHING APPARATUS (SCBA) AND LOCKER INSTALLATION, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT MCM1-00309K, SELF CONTAINED BREATHING APPARATUS (SCBA) AND LOCKER INSTALLATION. THIS REPLACES THE OXYGEN BREATHING APPARTUS (OBA) WITH THE SCBA WHICH IS A NIOSH APPROVED OPEN CIRCUIT BREATHING DEVICE SUPPLIED FROM A COMPRESSED AIR CYLINDER ON THE USER'S BACK. POC: DOUG BARYLSKI, 202-781-3612, DOUGLAS.BARYLSKI@NAVY.MIL.

Task/Abbreviation: D-66411-020- -SHIPALT MCM1-00331D - ACCOMP				MJC: EXSAK725		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: 1,200		ManDays: 15		Alt No: SAMCM 00331 D	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(D-66411-20) SHIPALT MCM1-00331D, CBR-D IPE STOWAGE MOD, NOT ACCOMPLISHED.	ACCOMPLISH SHIPALT MCM1-00331D, WHICH MODIFIES CHEM-BIO STORAGE COMPARTMENT AND A PORTION OF DC/R&A LOCKER TO ACCOMMODATE EACH CREW MEMBER'S CBR-D IPE KIT BAG.

Task/Abbreviation: O-66411-039- -MACHALT 71171 - ACCOMP			MJC: EXSAO298		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 71171
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-66411-39) MACHALT 71171, P-100 PORTABLE PUMP IMPROV, NOT ACCOMPLISHED	ACCOMPLISH MACHALT 71171, WHICH INSTALLS AN UPGRADE KIT FOR THE P-100 PORTABLE PUMPS. THE KIT PROVIDES AN INSERT AND REDESIGNED PACKING WHICH REDUCES THE ALUMINUM TO BRASS CONTACT (THIS REDUCES THE DISCHARGE VALVES SUSCEPTIBILITY TO SEIZURE); IT PROVIDES A STIFFENING BRACKET WHICH REDUCES SHAFT DEFLECTION (THIS REDUCES IMPELLER WEAR AND ELIMINATES IMPELLER SEIZURE) AND IT PROVIDES A DEFLECTOR WHICH KEEPS PACKING LEAKAGE FROM BEING FLUNG ONTO THE MUFFLER. POC: NICHOLAS PERRUPATO, 215-897-1004, NICHOLAS.PERRUPATO@NAVY.MIL

Task/Abbreviation: A-67111-017- -AER MCM1-00779 - ACCOMP			MJC: EXT YA609		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:	Alt No: TYMCM 00779
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-67111-17) AER MCM1-00779, MOD INTERNAL STOWAGE GRID, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00779 WHICH MODIFIES MK 58 MARINE LOCATION MARKER LOCKER LOCATED ON THE 03 LEVEL, FRAME 47, CENTERLINE TO PROVIDE STOWAGE FOR 14 BARE MK 58 MARINE LOCATION MARKERS.

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	
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: 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: CXCIBQ3		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: CXECQ303		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: A-76311-002- -AER MCM1-00717 - ACCOMP				MJC: EXTYA611		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:		Alt No: TYMCM 00717	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(A-76311-2) AER MCM1-00717, AIR TEST FITTING CAP, NOT ACCOMPLISHED	ACCOMPLISH AER MCM1-00717 WHICH INSTALLS AN ADDITIONAL CAP ON THE INSIDE OF THE AIR TEST FITTINGS FOR THE EXPLOSIVE DESTRUCTOR MAGAZINE (01-82-1-M) AND THE SMALL ARMS MAGAZINE (02-82-0-M).

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: 68		ManDays: 5		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-86151-003- -PROD PLNG SVCE (TYC) - PROV			MJC: EXSYR273		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: 2,317	ManDays: 80	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86151-003)PLANNING AND ESTIMATING SERVICES ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE THE FOLLOWING PRODUCTION PLANNING AND ESTIMATING, SCHEDULING, AND PROGRESS MONITORING 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. ASSIST IN ADMINISTRATION AND PERFORMANCE OF TESTING AND QUALITY CONTROL. E. SCHEDULE AND MONITOR PRODUCTION AND SUBCONTRACTOR PROGRESS FOR PROGRAMMED SCHEDULE ADHERENCE. F. DEVELOP GROWTH WORK TRANSMITTALS AND NEW WORK SPECS; PLAN, ESTIMATE AND SCHEDULE GROWTH & NEW WORK. TYCOM PORTION - PMA ONLY

Task/Abbreviation: R-86151-004- -PROD PLNG SVCE (NSSC) - PROV**MJC:** EXSYR099**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:** 695 **ManDays:** 24 **Alt No:****Referenced Authority:** **Repair Pool:** **MCC:** 2**Reason:**

BASELINE

Problem Description:

(R-86151-004)PLANNING AND ESTIMATING SERVICES ARE REQUIRED DURING THE AVAILABILITY.

Recommended Solution:

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. ASSIST IN ADMINISTRATION AND PERFORMANCE OF TESTING AND QUALITY CONTROL. E. SCHEDULE AND MONITOR PRODUCTION AND SUBCONTRACTOR PROGRESS FOR PROGRAMMED SCHEDULE ADHERENCE. F. DEVELOP GROWTH WORK TRANSMITTALS AND NEW WORK SPECS; PLAN, ESTIMATE AND SCHEDULE GWTH & NEW WORK. NAVSEA PORTION - PMA ONLY

Task/Abbreviation: R-86151-005- -AVLBL PROGRAM MGT (TYC) - PROV			MJC: EXSYR052		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: 2,356	ManDays: 100	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

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-86151-007- -AVLBL PROGRAM MGT (NSSC) -PROV**MJC:** EXSYR234**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:** 706**ManDays:** 30**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**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-86151-012- -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:**

MARMC

(R-86151-012)PRODUCTION SUPERVISION FOR
TYCOM FUNDED REPAIRS AND ALTERATIONS
REQUIRED DURING THE CNO AVAILABILITY**Recommended Solution:**PROVIDE 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:**

BASELINE

(R-86151-012)SY TRADE SUPERVISION REQUIRED
DURING THE AVAILABILITY.**Recommended Solution:**PROVIDE PRODUCTION SUPERVISION FOR THE PRODUCTION
TRADES IN THE ACCOMPLISHMENT OF AUTHORIZED TYCOM
FUNDED ALTERATIONS AND REPAIRS DURING THE AVAILABILITY.

Task/Abbreviation: R-86151-014- -PRGM MGT AIT INTEGRATION-PROV			MJC: EXSYR373		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: 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: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 2,360	ManDays: 32	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-86171-001- -ANT PHOTOS - PROV			MJC: EXSYR205		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: 629	ManDays: 6	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
MCM-MHC REQUIR	(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. USE SUPSHIP JACKSONVILLE DETACHMENT INGLESIDE LOCAL SPEC 837-11-001 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:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 33,227**ManDays:** 46**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**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: 1	Removal Required:	
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 9,968	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

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-86231-017- -LONG LEAD TIME MATL - PROCURE			MJC: EXSYR376		Rev Date: 12/11/2009
RCM Analysis:		Scheduled: N	Sit Reqs:	Qty: 1	Removal Required:
Lvl of Maint: 1	Freq: 0	Equip/Task: 1	Matl Cost: 20,000	ManDays: 15	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: O-86251-001- -FC 1F FY06 FCIP - ACCOMP				MJC: EXSAO070		Rev Date: 6/24/2005					
RCM Analysis:		Scheduled: N		Sit Reqs:		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost:		ManDays: 13		Alt No: FC 1F FY06	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(O-86251-1) FC 1F FY06 FCIP, FIELD CHANGE IMPLEMENTATION PR, NOT ACCOMPLISHED	ACCOMPLISH FC 1F FY06 FCIP WHICH VALIDATES FC/EC CONFIGURATION AND PROVIDES CONSOLIDATED INSTALLATIONS OF AUTHORIZED/OUTSTANDING FIELD CHANGES/ENGINEERING CHANGES TO SPAWAR EQUIPMENT. REVIEW FC/EC ILS, IDENTIFY AND CORRECT ILS DEFICIENCIES.

Task/Abbreviation: R-86311-001- -TOWING PMA - ACCOMP			MJC: EXSYR291		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: 2	Alt No:
Referenced Authority:		Repair Pool:	MCC: 2		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86311-001)SERVICES TO TOW THE SHIP DURING THE PHASED MAINTENANCE AVAILABILITY (PMA) ARE REQUIRED.	PROVIDE TUGS AND LICENSED MARINE PILOT SERVICES TO SURVEY, PREPARE AND TOW SHIP FROM NAVAL STATION TO CONTRACTOR'S PLANT AND RETURN SHIP TO NAVAL STATION WHEN DIRECTED BY SUPERVISOR FOR THE SHIP'S ENTIRE PHASED MAINTENANCE AVAILABILITY (PMA).

Task/Abbreviation: R-86311-002- -TOWING DPMA DD PT - ACCOMP				MJC: EXSYR328		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 20,000		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86311-002)SERVICES TO TOW THE SHIP FOR THE DOCKING PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) ARE REQUIRED.	PROVIDE TUGS AND LICENSED MARINE PILOT SERVICES TO SURVEY, PREPARE AND TOW SHIP FROM NAVAL STATION TO CONTRACTOR'S PLANT AND RETURN SHIP TO NAVAL STATION WHEN DIRECTED BY SUPERVISOR FOR THE DOCKING PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA).

Task/Abbreviation: R-86311-003- -TOWING DPMA RPR PT - ACCOMP				MJC: EXSYR262		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 20,000		ManDays: 2		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86311-003)SERVICES TO TOW THE SHIP FOR THE REPAIR PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) ARE REQUIRED.	PROVIDE TUGS AND LICENSED MARINE PILOT SERVICES TO SURVEY, PREPARE AND TOW SHIP FROM NAVAL STATION TO CONTRACTOR'S PLANT AND RETURN SHIP TO NAVAL STATION WHEN DIRECTED BY SUPERVISOR FOR THE REPAIR PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA).

Task/Abbreviation: R-86331-001- -TEMP BERTHING - PROV			MJC: EXSYR090		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: 157,507	ManDays: 353	Alt No:	
Referenced Authority:		Repair Pool:	MCC: 2			

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.
Reason:	Problem Description:	Recommended Solution:
MCM-MHC REQUIR	(R-86331-001)TEMPORARY OFF-SHIP BERTHING FACILITIES FOR SHIP'S FORCE PERSONNEL ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE TEMPORARY OFF-SHIP BERTHING FACILITIES IN ACCORDANCE WITH SSJAXDI LOCAL SPEC 857-20-002 FOR OFFICERS AND ENLISTED PERSONNEL.

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: 58,773	ManDays: 175	Alt No:
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
MCM-MHC REQUIR	(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 FOR OFFICERS AND ENLISTED PERSONNEL IN ACCORDANCE WITH SSJAXDI LOCAL SPEC 857-20-003.
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: PMA		Qty: 001		Removal Required:
Lvl of Maint: 1		Freq: 0	Equip/Task: 001	Matl Cost: 11,094	ManDays: 102	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.
Reason:	Problem Description:	Recommended Solution:
MCM-MHC REQUIR	(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 SSJAXDI LOCAL SPEC 857-20-001FOR THE PHASE MAINTENANCE AVAILABILITY (PMA).

Task/Abbreviation: R-86331-005- -DUTY SECT BERTH DD PT - PROV				MJC: EXSYR168		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 8,000		ManDays: 42		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86331-005)TEMPORARY DUTY SECTION OFF-SHIP BERTHING FACILITIES ARE REQUIRED FOR THE DRYDOCK PORTION OF THE DPMA.	PROVIDE TEMPORARY DUTY SECTION OFF-SHIP BERTHING FOR THE DRYDOCK PORTION OF THE DPMA IN ACCORDANCE WITH SSJAXDI LOCAL WORK ITEM 857-20-001.

Task/Abbreviation: R-86331-006- -DUTY SECT BERTH RPR PT - PROV				MJC: EXSYR316		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 4,000		ManDays: 21		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86331-006)TEMPORARY DUTY SECTION OFF-SHIP BERTHING FACILITIES ARE REQUIRED FOR THE REPAIR PORTION OF THE DPMA.	PROVIDE TEMPORARY DUTY SECTION OFF-SHIP BERTHING FOR THE REPAIR PORTION OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) IN ACCORDANCE WITH SSJAXDI LOCAL WORK ITEM 857-20-001.

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: 1,568	ManDays: 36	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-86331-014- -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-86331-021- -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: 375	ManDays: 8	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-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: 52,830	ManDays: 120	Alt No:	
Referenced Authority:			Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
MCM-MHC REQUIR	(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 AND SSJAXDI LOCAL SPEC 997-11-001.

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: 52,830	ManDays: 120	Alt No:
Referenced Authority:	Repair Pool:	MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86341-002)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-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: 97,443

ManDays: 230

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.

Reason:

Problem Description:

Recommended Solution:

MCM-MHC REQUIR

(R-86351-001)TEMPORARY SERVICES ARE REQUIRED DURING THE PHASED MAINTENANCE AVAILABILITY (PMA).

PROVIDE TEMPORARY SERVICES IN ACCORDANCE WITH SSJAXDI LOCAL SPEC 992-11-001 FOR THE SHIP'S ENTIRE PMA. REMOVE TEMPORARY SERVICE EQUIPMENT UPON COMPLETION OF SHIP'S AVAILABILITY, FOR SHIP'S MOVEMENTS AND TRIALS, OR WHEN DIRECTED BY THE SUPERVISOR.

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: 3,144	ManDays: 37	Alt No:		
Referenced Authority:		Repair Pool:		MCC: 4			

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-86351-009- -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: 2,650	ManDays: 20	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-86351-010- -TEMP SVCE DPMA DD PT - PROV				MJC: EXSYR170		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 35,220		ManDays: 42		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 1			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86351-010)TEMPORARY SERVICES ARE REQUIRED DURING THE DOCKING PORTION OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA).	PROVIDE TEMPORARY SERVICES DURING THE DOCKING PORTION OF THE DPMA IN ACCORDANCE WITH SSJAXDI LOCAL SPEC 992-11-001. REMOVE TEMPORARY SERVICE EQUIPMENT UPON COMPLETION OF SHIP'S AVAILABILITY, FOR SHIP'S MOVEMENTS AND TRIALS, OR WHEN DIRECTED BY THE SUPERVISOR.

Task/Abbreviation: R-86351-011- -TEMP SVCE DPMA RPR PT - PROV				MJC: EXSYR318		Rev Date: 6/9/2009	
RCM Analysis:		Scheduled: N	Sit Reqs: D/D		Qty: 1	Removal Required:	
Lvl of Maint: 1		Freq: 0	Equip/Task: 1	Matl Cost: 17,610	ManDays: 21	Alt No:	
Referenced Authority:			Repair Pool:		MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86351-011)TEMPORARY SERVICES ARE REQUIRED DURING THE REPAIR PORTION OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA).	PROVIDE TEMPORARY SERVICES DURING THE REPAIR PORTION OF THE DPMA IN ACCORDANCE WITH SSJAXDI LOCAL SPEC 992-11-001. REMOVE TEMPORARY SERVICE EQUIPMENT UPON COMPLETION OF SHIP'S AVAILABILITY, FOR SHIP'S MOVEMENTS AND TRIALS, OR WHEN DIRECTED BY THE SUPERVISOR.

Task/Abbreviation: R-86351-012- -BOTTLE WTR - PROV			MJC: EXSYR320		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: 1,800	ManDays: 5	Alt No:
Referenced Authority:		Repair Pool:	MCC: 1		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86351-012)TEMPORARY POTABLE BOTTLED WATER STATIONS STATIONS ARE REQUIRED FOR SHIP'S FORCE USE DURING THE AVAILABILITY.	PROVIDE AND MAINTAIN _____ EACH, 5 GALLON, TEMPORARY POTABLE BOTTLE WATER STATIONS FOR SHIP'S FORCE USE DURING THE AVAILABILITY.

Task/Abbreviation: R-86351-013- -EMER EYE WASH STATION - PROV			MJC: EXSYR179		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: 1,320	ManDays: 14	Alt No:
Referenced Authority:		Repair Pool:	MCC: 3		

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86351-013)TEMPORARY EMERGENCY EYE WASH STATIONS ARE REQUIRED DURING THE AVAILABILITY.	PROVIDE AND MAINTAIN FOUR EACH TEMPORARY EMERGENCY EYE WASH STATIONS MEETING THE REQUIREMENTS OF AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) 358.1-1998 DURING THE AVAILABILITY.

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.

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: 7,500	ManDays: 55	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.
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: 17,000	ManDays: 40	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.			

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:** 680**ManDays:** 9**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-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: 4,290	ManDays: 74	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: 4,640	ManDays: 14	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: 850		ManDays: 31		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: 5,841	ManDays: 64	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-86411-007- -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: 4,640	ManDays: 14	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.

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: 2,500		ManDays: 40		Alt No:	
Referenced Authority:		Repair Pool:		MCC: 2							

Reason:	Problem Description:	Recommended Solution:
BASELINE	(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) 5 CRANE LIFTS WITH OPERATOR, RIGGING, AND TRANSPORTATION SERVICES; (B) 20 MANDAYS LABOR AND \$1,000 MATERIAL AS DESIGNATED BY THE NSA; INCLUDES 5 MANDAYS WELDER/BURNER/BRAZER SERVICES AND 10 MANDAYS FIREWATCH SERVICES; (C) 5 MANDAYS LABOR AND \$500 MATERIAL FOR PRESERVATION SERVICES; (D) 5 MANDAYS LABOR AND \$500 MATERIAL FOR LAGGING/INSULATION SERVICES. POC TO BE IDENTIFIED AT THE WPIC.

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: 200	ManDays: 20	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 HOUSEKEEPPING) 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:** 1**Removal Required:****Lvl of Maint:** 1**Freq:** 0**Equip/Task:** 1**Matl Cost:** 5,525**ManDays:** 156**Alt No:****Referenced Authority:****Repair Pool:****MCC:** 2**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-86442-002- -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: 3,685		ManDays: 104		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: 2,950	ManDays: 96	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-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: 5,188		ManDays: 58		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-86521-002-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:** 340**ManDays:** 32**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:** 50**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-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: 14,717	ManDays: 33	Alt No:
Referenced Authority:	Repair Pool:	MCC: 4			

Reason:	Problem Description:	Recommended Solution:
MCM/MHC REQUIR	(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 FOR THE SHIP'S ENTIRE PHASED MAINTENANCE AVAILABILITY (PMA) IN ACCORDANCE WITH SSRAC STANDARD WORK TEMPLATE (SWT) 077-01.
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-86591-002- -HAZ WSTE HDLG DPMA DD PT- PROV				MJC: EXSYR177		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 800		ManDays: 17		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86591-002)SERVICES FOR HANDLING AND DISPOSAL OF HAZARDOUS WASTE PERSONNEL FOR THE DOCKING PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) ARE REQUIRED.	REMOVE, HANDLE, STORE, TRANSPORT AND DISPOSE OF HAZARDOUS WASTE PRODUCED BY GOVERNMENT AND CONTRACTOR PERSONNEL FOR THE DOCKING PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) IN ACCORDANCE WITH SSRAC STANDARD WORK TEMPLATE (SWT) 077-01.

Task/Abbreviation: R-86591-003- -HAZ WSTE HDLG DPMA RPR PT-PROV				MJC: EXSYR322		Rev Date: 6/9/2009					
RCM Analysis:		Scheduled: N		Sit Reqs: D/D		Qty: 1		Removal Required:			
Lvl of Maint: 1		Freq: 0		Equip/Task: 1		Matl Cost: 800		ManDays: 17		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86591-003)SERVICES FOR HANDLING AND DISPOSAL OF HAZARDOUS WASTE PERSONNEL FOR THE REPAIR PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) ARE REQUIRED.	REMOVE, HANDLE, STORE, TRANSPORT AND DISPOSE OF HAZARDOUS WASTE PRODUCED BY GOVERNMENT AND CONTRACTOR PERSONNEL FOR THE REPAIR PART OF THE DOCKING PHASED MAINTENANCE AVAILABILITY (DPMA) IN ACCORDANCE WITH SSRAC STANDARD WORK TEMPLATE (SWT) 077-01.

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:** 1,700**ManDays:** 20**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-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:** 435**ManDays:** 85**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: 174	ManDays: 34	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-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: 2,000		ManDays: 20		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
MCM/PC	(R-86831-004)PRELIMINARY LOA INSPECTION DEFICIENCIES MUST BE CORRECTED.	PROVIDE 20 MANDAYS OF LABOR AND \$2000 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-86832-004- -LOA DEFIC CORR FUNDS - PROV		MJC: EXSYR188		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: 2,733		ManDays: 48		Alt No:	
Referenced Authority:				Repair Pool:				MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86832-004)DEFICIENCIES IDENTIFIED DURING LIGHT-OFF ASSESMENT (LOA) REQUIRE CORRECTION.	PROVIDE __ MANDAYS OF LABOR AND \$__ MATERIAL TO CORRECT GOVERNMENT RESPONSIBLE DEFICIENCIES IDENTIFIED DURING LIGHT-OFF ASSESMENT (LOA). NOTE: USE APPLICABLE PORTIONS OF SWT 982-02 AND SWT 982-10 FOR GUIDANCE IN DEVELOPING A SPEC.

Task/Abbreviation: R-86832-005- -SF LOA DEFIC CORR FUNDS - PROV		MJC: EXSYR190	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: 2,733	ManDays: 48	Alt No:
Referenced Authority:	Repair Pool:	MCC: 3			

Reason:	Problem Description:	Recommended Solution:
BASELINE	(R-86832-005)DEFICIENCIES IDENTIFIED DURING LIGHT-OFF ASSESMENT (LOA) REQUIRE CORRECTION.	PROVIDE ___ MANDAYS OF LABOR AND \$___ MATERIAL TO CORRECT SHIP'S FORCE RESPONSIBLE DEFICIENCIES IDENTIFIED DURING LIGHT-OFF ASSESMENT (LOA).

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:** 3,847**ManDays:** 59**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: 3,135		ManDays: 41		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