PLANNED MAINTENANCE SYSTEM SERVICE BRIEF

IN THIS ISSUE:

CONTACT INFORMATION

PMS PROJECT OFFICE: (757) 967-3412

PAC ACTIVITIES:
NAVSEALOGCEN DET SAN DIEGO

CONFIGURATION CONTROL & DISTRIBUTION: (619) 556-0578
HM&E: (619) 556-0376
COMBAT SYSTEMS: (619) 556-0723
FAX: (619) 556-0365 DSN: 526-XXXX

LANT ACTIVITIES:
NAVSEALOGCEN DET NORFOLK

CONFIGURATION CONTROL & DISTRIBUTION: (757) 967-3405
HM&E: (757) 967-3427/3430
COMBAT SYSTEMS: (757) 967-3408
FAX: (757) 967-3853 DSN: 387-XXXX

ADDRESS URGENT PMS FEEDBACK MESSAGES TO:
NAVSEALOGCEN MECHANICSBURG PA//6211/62111/62112//

WE CAN ALSO BE CONTACTED VIA E-MAIL AT PMS@navy.mil *, OR PMS WEB PAGE URL:* https://secure.nslc.navy.mil/pms/pms.nsf *, OR VIA THE GLOBAL DISTANCE SUPPORT CENTER AT COMM: (877) 41-TOUCH (86824), DSN: (510) 42-TOUCH (86824), E-MAIL:* anchordesk@navy.mil *, GDSC URL:* www.AnchorDesk.navy.mil *, OR CAD: ANCHORDESK*

Know the Rules

Many problems associated with PMS management are due to personnel not being familiar with the requirements or the policies that direct program execution. NAVEDTRA 43241-J; Personal Qualification Standard (PQS) for 3M provides the minimum knowledge requirements for the role (position) that you are assigned and if the qualification is conducted correctly, should help you to understand where all the requirements are located. These are referred to as "source documents", in other words, the document that first provides the requirements that other subordinate documents refer to. At the top of that list should be NAVSEAINST 4790.8B; the Ship's 3M Manual.

All of the Type Commanders (TYCOM) and most commands have 3M instructions that provide amplifying information to these source documents so that certain unique aspects of program execution for each TYCOM (Surface, Air, Submarine, and Expeditionary) can be accounted for and guidance can be provided. Since PMS is so important, some Commanding Officers list their own program requirements into the local Command instruction.

It is critical that personnel remain knowledgeable and current with these instructions and refer to them often while managing PMS. This practice will save you time in the long run and help you ensure your program is being executed as required. All too often, precious time is wasted fulfilling an un-sourced requirement or reworking a schedule because nobody took the time to review the requirements to determine what they really had to do.

If you are a supervisor performing an audit, take the time to research every one of your findings and provide the reference down to the paragraph of why you determined a certain attribute to be non-compliant. This practice makes you a better PMS supervisor and helps the Sailor you are auditing find the exact requirement you referred to. If there are valid questions regarding the interpretation of the requirement, seek guidance from the 3M Chain of Command until you are satisfied that an understanding has been reached. Often times, these sorts of actions result in a manual change to provide better clarity or change the policy to meet current conditions.

Lastly, there is a list of personnel in this service brief from every TYCOM who have a wealth of knowledge and experience in Navy PMS and they are there to help you. I recommend that you contact the appropriate individual from one of those lists if you can't find an answer to a question.

Jeff Baur, US Fleet Forces Command,
Maintenance Policy

(2-12)

Commander Navy Installations Command (CNIC) Air Traffic Control Maintenance Trends

Navy Installations Command has assumed the role of Naval Aviation Training Operating Procedures Standardization (NATOPS) evaluators of Naval Air Stations Ground Electronics Maintenance Divisions. Over the past few inspections we have seen one common item that is applicable to multiple air stations: missing documentation of grounding and lightning protection systems surveys.

MIL-STD-188-124 paragraph 5.1.1.1.7 states the resistance measurements shall be accomplished every 21 months after the initial 12 month period by facilities engineering. And the same paragraph says to use the "fall of potential" testing procedure which is spelled out in MIL-HDBK-419. MIP C-952/001 sets scheduling of the resistance checks at an 18 month interval which helps insure that the 21 month interval is adhered to.

Ground Electronics Maintenance Officers (GEMO) need to verify that applicable work centers have MIP C-952/001 added to their LOEP. When scheduling resistance testing ensure that all facilities, to include facilities located on outlying fields, are included on the work order with public works. Once the testing is completed ensure that public works provides a report of the results by facility and maintain this report in the Ground Electronics Facility Manual.

LCDR Chris Halsan, GEMO, (202)433-3517/DSN: 288-3517 or email address: christopher.halsan@navy.mil or Chad Fary, Ground Electronics Quality Assurance Specialist, (202)685-8431 or email address: chad.fary@navy.mil .

(2-12)

COMNAVAIRFOR 3-M Lessons Learned

Personnel Qualification Standards (PQS). Most of the ships are using 3-M Universities/Indoctrination to qualify Sailors in 3-M 301 qualifications. At the beginning of the fundamentals section of the PQS book, there is an explanation of "How to complete" and this section states, "If you are attempting initial qualification. Your qualifier WILL expect you to satisfactorily answer ALL line items in the fundamentals." How are CVNs accomplishing this in a 2-3 day indoctrination class? Both the fundamentals and 301 watchstation have over 240 line items and cannot be covered by a 50-75 question test.

Additionally, the 301 watchstation requires two (2) monitored maintenance checks be performed, one by supervision of the WCS and one by the LCPO. It would be very ineffective to attempt accomplishment in the indoctrination classroom. 3MOs are encouraged to continue the 3-M university as a baseline and then finish the qualification process within the division as required by the PQS book.

With maintenance person level of knowledge (LOK) being the number one cause of departmental failures during 3-M inspections, look no further than the 3-M PQS basics (that are currently not being correctly performed) to see how to develop stronger foundational skills in maintenance personnel.

Naval Ship's Technical Manual (NSTM) 300 Revision 8, has been signed and approved, was implemented on 31 MAR 2012 per Naval Sea (NAVSEA) Letter Serial #05Z32/31 (the letter was sent to all fleet forces). The training video was also provided to fleet forces to be utilized as a training tool to reflect NSTM, Revision 8 changes. TYCOM initially outfitted all CVNs with approximately 200 12K/cm arc flash coveralls and 90 12K/cm arc flash face shields. If your ship did not receive the outfit, TYCOM may have moved the implementation date.

Refresher on PMS Feedback Report Categories:

Category A - This type of FBR is non-technical in nature and is intended to meet PMS needs which do not require technical review, including changes in Work Centers. Category A FBRs are submitted to request classified or other PMS documentation, which cannot be obtained locally.

Category B - This type of FBR is technical in nature and used to report a variety of deficiencies including maintenance-related items such as errors in procedures, periodicities, test equipment, tools, etc., and basic equipment or system design deficiencies. A TFBR may also recommend specific corrective actions and other improvements. In addition, to shift of maintenance responsibilities.

Urgent FBR – An FBR will be considered URGENT when the reason for submission of a PMS FBR involves safety of personnel, ship, or potential for damage to equipment.

Questions or comments can be addressed to: CW04 Gregory Collins, CNAF 436 3M Program Manager, Comm (757) 445-7356, DSN 564-7356 or e-mail: gregory.collins2@navy.mil.

(3-12)

Navy Planned Maintenance

PMS Web Site

The PMS Program Support webpage is available on the NAVAL SEA LOGISTICS CENTER (NSLC) home page product list. The URL is www.nslc.navsea.navy.mil and the URL for the PMS page is https://secure.nslc.navy.mil/pms/pms.nsf. This web site provides information pertaining to PMS programs and services. The site provides three areas for information and a PMS Comment form for customer feedback.

Information - Provides detailed information concerning PMS.

Request for Services - Provides three forms available to the user for electronic submission. They are:

1. PMSMIS / TFBR Account Request Form - Used to request access to the PMS MIS to submit TFBRs if unable to use SKED.

2. SPMIG Submit Form - Used for submission of requests for new SPMIG numbers.
3. PMS Activity Address Change Form - Used to submit address changes.

To submit these forms, simply click on the applicable form, add the requested information, submit, and we will process the information as soon as it arrives. **Note:** The hyperlink 'Electronic Feedback Report Form (ETFBR) OPNAV 4790.7B' has been removed. TFBRs should be submitted via SKED 3.1 or lacking that capability submitted via the PMS MIS Feedback Report Wizard.

Download Files - Provides the user access to download the New PMS Editor (NPE). SKED updates are available for download via a link to the Antech Systems Inc. website. We highly recommend users access the site monthly after the 10th, when the latest NPE and other information programs are updated.

Points Of Contact - Provides a current listing of Points of Contact for the PMS Program at NAVSEALOGCEN Detachments Norfolk and San Diego. There is also a link to a PMS Customer Comments form.

E-mail can be sent directly from the site. For further information, contact NSLC Det San Diego at (619) 556-0578, DSN 526-0578 or NSLC Det Norfolk at (757) 967-3405, DSN 387-3405.

Maintenance Effectiveness Reviews (FLEETMERs)

In support of NAVSEA 04RM's continuous efforts to improve class maintenance plans, FLEETMERs are conducted periodically to validate that existing maintenance requirements meet the principles of Reliability Centered Maintenance (RCM). These MERs incorporate maintenance requirements for selected systems from all levels of maintenance across all Surface Ship, Aircraft Carrier and Submarine Enterprises. Systems are chosen based upon both fleet input and identification as a "troubled system" by such programs as MFOM, TMA/TMI, TSP, or MPEA.

FLEETMERs are intended to bring together all stakeholders from the maintenance, technical and fleet communities to review and improve Navy maintenance. They are typically held in fleet homeports in order to promote and encourage Fleet Sailor participation whose knowledge and experience is invaluable to the overall effectiveness of these MERs. It is an opportunity for the Fleet Sailors to get a first-hand look at how maintenance is reviewed IAW the principles of RCM and to provide feedback on maintenance requirements, best practices, procedures, tools, and materials based upon their years supporting fleet maintenance.

FLEETMER 71 was announced by Naval Message NAVSEASYSCOM DTG 301500Z MAR 12 to be held June 11-15, 2012 in Norfolk, VA. Systems to be reviewed include Emergency Diesel Generators and Support Systems, Propulsion Reduction Gears, Propulsion Clutches and Couplings, Propulsion Shaft Bearings, Weight Handling and Crane Control, and the RIX Star Low Pressure Air Compressor. FLEETMER 72 is planned for August 27-31, 2012 in San Diego, CA. Systems to be reviewed are Main Propulsion Steam Turbines, Laundry Facilities, Lube Oil Purifiers, Torpedo Hoist/Torpedo Room Handling equipment (Virginia Class Submarines), Steering Systems, Lube Oil Pumps (non-attached), and Small Arms (9mm, Shotgun 12- gauge, AR-15, M16). Specific information for each scheduled FLEETMER event is promulgated by Naval message. Copies of the Naval Message are broadcast to PMS Coordinators via the PMSMIS following release. Aircraft Carriers, Surface Ships, and Submarines scheduled to be in homeport during upcoming FLEETMERs should submit Fleet Sailor nominations to the point of contact designated in the Naval message as early as possible to ensure coordination and funding, if required.

For further information regarding upcoming FLEETMERs or to propose a troubled system for inclusion into a FY12 or FY13 or later MER, please contact Gregg Baumeier at (757) 967-2568 or email address: gregg.baumeier@navy.mil.

(3-12)

Proactive Submission of MIP Series 5833/5834 (Small Boat) TFBRs

Naval Surface Warfare Center Combatant Craft Division Det Norfolk (NSWCCD DN) as the In-Service Engineering Agent (ISEA), responds to 5833/5834 Series Maintenance Index Page (MIP)/Maintenance Requirement Card (MRC) related Technical Feedback Reports (TFBRs). We are faced

with a unique challenge in that small boats quite often possess variances in systems and subsystems because of contract requirements, boat builder specifications, and the installation of approved boat alterations. This may cause differences in the systems and subsystems that are installed on a specific type of small boat. We request that the following information be included when submitting TFBRs:

1. The U.S. Navy hull number for all affected boats
2. The APL for the boat and the component
3. The manufacturer for the affected component
4. The part number, serial number and NSN for the affected component
5. Approved Navy
6. COTS technical manuals
7. Approved and installed Boat Alterations
8. Any other documentation or information that supports the request.

Numerous commands have complied with this request and as a result resolutions to the requests have improved in both turnaround times back to the originator as well as accuracy to the configuration. As a result, the ISEA requests that those commands that have complied with this request continue to do so. For those commands that have not provided the requested information, please consider including it within your next small boat TFBR as the information will greatly improve the response time as well as the accuracy of our response.

For questions comments or concerns relating to the submission of small boat TFBRs please contact Donna Stanford at (757) 462-4381 or e-mail donna.stanford@navy.mil.

(3-12)

Configuration Specific Small Boat Maintenance (MIP Series 5833)

Code 026 continues to define configuration specific Maintenance Index Pages (MIP) and Maintenance Requirement Cards (MRC). In the past year the following MIPs have or will be published:

5833/104 – Outboard Engine (Evinrude 2-4 Cycle)
5833/292 – Small Boats, Hamilton 292 Waterjet
5833/321 – 33 Foot Patrol Boat
5833/401 – YP Hull, Superstructure and Deck Equipment
5833/402 – External Communications System
5833/403 – Alarm & Monitoring Systems MAX II
5833/404 – YP HVAC Systems
5833/405 – YP Potable Water Systems
5833/406 – (YP) Steering Systems
5833/407 – YP Seawater Systems
5833/408 – Pollution Control Systems
5833/409 – Gyro Compass Systems, Raytheon 138-118. STD22 110-233, Magnetic Sound 4108-010, Raytheon Operator 130-407, 113-560, 113-811
5833/410 – Marine Transmission and Shafting
5833/411 – Teflon Thermoplastic and Metal Hoses
5833/412 – Commissary Equipment YP Class
5833/413 – Fuel Oil Service & Stowage (YP)
5833/414 – YP Integrated Fire Detection System (IFDS)
5833/415 – C25 ARPA NSC-25 Radar (Raytheon)

MIPs and their MRCs are modified based on changes submitted from the fleet and the team has been working to modify and change based on fleet FBR submissions. As these changes are implemented and distributed to the Work Center will begin to realize the benefit of configuration specific maintenance as these new MIPs eliminate the need to omit multiple MRC's that do not apply to their small boat configuration. As the Work Center Supervisor reviews or has the maintainers perform the steps in the procedures, we request that any reoccurring failures or maintenance actions that may not be adequately addressed be identified and relayed using the Technical Feedback Report (TFBR) process.

The team consisting of Rob Klingensmith, Ron Burton, Charles Dalton, Dante Murray, and Chad Thompson may contact you after they review a TFBR requesting additional information or clarification. Please work with us to ensure that you have what is required to perform the maintenance required to keep your equipment operational.

For questions comments or concerns relating to the submission of small boat TFBRs please contact Donna Stanford at (757) 462-4381 or e-mail donna.stanford@navy.mil.

(3-12)

Small Boat Loaner Program Preventive Maintenance

The Naval Surface Warfare Center Combatant Craft Division (NSWCCD) will temporarily assign small boats to commands. The command that receives the loaner boat should receive the Boat Inventory Managers (BIM) letter and submit a Technical Feedback Report (TFBR) requesting Planned Maintenance System (PMS) coverage for these U.S. Navy Small Boats and provide the following information:

- Small Boat hull number (7MRX0110)
- Small Boat hull APL (72A010009)
- Engine manufacturer and model (Cummins, 6BT5.9-210)
- Marine gear manufacturer and model, as applicable (Borg Warner, 72C 10-18-00-002 RAT1:1)
- Outdrive or water jet manufacturer and model (Marine Drive Systems (MDS) 113 outdrive)
- Work Centers responsible for small boat maintenance
- Anticipated date of receipt from stock (YY/MM/DD)
- Anticipated date of return to stock (YY/MM/DD)

This ensures that the correct MIP is assigned to the command allowing the PMS to be performed while the loaner is in custody.

When the command receives the permanently assigned Rigid Inflatable Boat (RIB) and returns the loaner boat to NSWCCD representatives, please submit a TFBR that states the same type of information for the returning boat.

For questions and/or concerns relating to small boat loaner program preventive maintenance, please contact Donna Stanford at (757) 462-4381 or e-mail donna.stanford@navy.mil .

(3-12)

Finding the Allowance and Time When Processing Your Landing Craft Utility (LCU) 5834 Series TFBRs

Naval Surface Warfare Center Combatant Craft Division Det Norfolk (NSWCCD DN), as the In-Service Engineering Agent (ISEA), responds to 5834 Series Maintenance Index Page (MIP)/Maintenance Requirement Card (MRC) related Technical Feedback Reports (TFBRs). Configuration specific 5834 Series MRCs are Allowance Parts List (APL) driven and provide for applicable and effective Hull Mechanical & Electrical (HM&E) systems preventive maintenance onboard the 1610, 1627, 1646, and 1680 LCU classes.

Every effort goes into researching TFBRs for APLs and other technical data prior to returning the TFBR to the fleet unresolved however; the uniqueness in the LCU community is that the fleet is often the best source of technical data because of the absence of PMS coverage and/or tech data for older systems and the varied system configurations found within the same LCU class. Providing the correct APL ensures the ISEA is responding to the correct system configuration. Configuration specific maintenance requires the LCU maintenance community to review TFBRs to ensure the correct APLs are referenced. For components not having an APL, the next higher assembly APL should be provided. As APLs are updated for legacy systems and /provided for new systems, they are listed in the applicable MIP configuration section.

Man-hours remain an over looked element in TFBR and PMS validations. For 3MCs/commands processing a TFBR to include or remove a maintenance task, the transaction should prompt the question; how does this impact the man-hours to accomplish the MRC procedure? We must accurately capture the man-hours required to perform the PMS tasks and provide maintenance managers with the required data to plan and schedule maintenance, platform lay-ups, and address personnel issues as necessary.

Each 5834 Series MIP Scheduling Aids block lists the following minimum supporting information and documentation a TFBR should include, but not limited to:

1. Reference or source of engineering/technical data to support the TFBR request. If other than official i.e. OPNAVINST/Directives, provide ***Point of Contacts (POC) for copy of reports/memos directing the action.***
2. In instances where the maintenance procedure is confusing, inaccurate, and/or causes safety concerns, **provide the recommended steps to accurately and/ or safely complete the**

maintenance procedure, including time to perform the task.
3. System and component APL/AEL information
4. Component Manufacturer
5. Equipment model or part number

Without the information contained above (1 through 5) it is difficult to resolve and implement change requests.

You are encouraged to contact a POC listed below to discuss TFBR submissions and all other LCU community PMS issues:

POC: Donna Stanford, (757) 462-4381 or e-mail donna.stanford@navy.mil and Ronald Burton, (757) 462-4303 or e-mail ronald.l.burton@navy.mil .

(3-12)

Use of the Test, Measurement, and Diagnostics Equipment (TMDE) Index

The TMDE Index is developed and distributed by the Naval Sea Systems Command (NAVSEA) TMDE Program Office. It is published in CD-ROM format and is provided to support all activities using general purpose test equipment. The TMDE Index lists general purpose test equipment that is recognized by NAVSEA as satisfying Fleet equipment and system measurement requirements. The index is a Microsoft Access based document, and provides query function in crossing referencing the Sub-category (SCAT) Code identified on a Maintenance Requirement Card (MRC) to a listing of associated test equipment model numbers (query for model number to SCAT is also available).

Each model of test equipment under a SCAT Code listings has an associated Priority (PRI) Code. The priority code represents where a specific model is within its lifecycle and is based upon logistics supportability. Priority Codes of 13, 22, & 38 are considered the preferred items, and any model having those priority codes are suitable for use (unless a specific model with a required option is listed with a higher priority code). Priority Codes 72 and 95 are considered Obsolescent and Obsolete (respectively).

If a maintenance procedure calls for a specific model of test equipment, that model should be used (if the identified model has a Priority Code of 72 or 95, the applicable In-Service Engineering Agent (ISEA) should be contacted to determine if a model having a lower priority code can be used).

In addition to SCAT/Model and Priority Code information, the index includes Appendices (providing detailed descriptions of SCAT Codes and footnote narratives identifying special considerations when using specific models). If a certain model of test equipment is not listed in the TMDE Index, the model has not been approved by the TMDE Program Office for use in conducting measurements, or it is considered special purpose test equipment that is used in maintaining specific Fleet equipments and systems. Issuing and lifecycle management of special purpose test equipment is under the control of the applicable ISEA. The cognizant ISEA should be contacted if a special purpose test equipment item is not listed in the TMDE Index so the applicable information concerning the test equipment is forwarded for TMDE Index induction. NAVSEA regularly issues TMDE Index updates to Fleet activities. The TMDE Program Office has established email address NAVSEA GPETE HELP@navy.mil for requesting an initial or updated copy of the TMDE Index.

(4-11)

Disposable Gloves Procurement and User Information

Usually, Work Centers (WCs) buys gloves in a box of 50 or 100 each. It is possible that some WCs still have some of the NIINs designated as SPMIG 02826 on hand but were deleted. This is a HAZMAT concern. SPMIG 02826 was updated in FR 2-11 to delete NIINs with different specifications other than the 8-mil. There are six NSNs under SPMIG 02826: one NIIN for 8-mil gloves; one NIIN for 1.26-mil; and four NIINs for 4-mil gloves. Any NIIN under SPMIG 02826 is supposed to be a suitable substitute. However, these different NIINs with different specifications do NOT PROVIDE EQUAL PROTECTION for handling HAZMAT. Using inferior gloves to handle HAZMAT may cause personnel injury. All NSNs previously associated with SPMIG 02826 other than NIIN 014478212 have been deleted.

The following are the specifications for the NSNs:

NIIN 012786986 is for 1.25-mil polyethylene gloves. Product literature calls it "Great for food service and housekeeping." It looks clear like plastic wrap. Probably to limit it to food service and housekeeping MRCs; if any.

NIINs 014920176, 014920179, 014920178, and 014920180 are different sizes of the 4-mil nitrile glove. This is rated poor to good for different HMUG groups.

NIIN 014478212 is for 8-mil. This 8-mil nitrile glove is rated by Navy Safety Center as "Good" for HMUG groups 8 and 11, and only "Fair" for HMUG group 15.

If you have any questions or comments, contact Alejandre Catibayan, Comm (619) 556-0376/DSN 526-0376, or E-mail address: alejandre.catibayan@navy.mil or Rodrigo Ferrer, Comm (619) 556- 0374 /DSN 526-0374, or E-mail address rodrigo.ferrer@navy.mil.

(4-11)

Applicable to All MIP Holders of MIP

With surface ships and carriers going to a semiannual force revision and only receiving even numbered force revisions, it is very important that 3MCs distribute all pen and ink changes and Advance Change Notices (ACN) to the proper work centers and ensure those changes are getting installed and used. Pen and ink changes made in February will not appear on the FR CD until October of the same year for all surface ships. If there is an email in the 3mc@hullnumber.navy.mil (example 3mc@ddg56.navy.mil or 3mc@cvn76.navy.mil) account with the subject line that begins with "APPLICABLE TO ALL MIP HOLDERS of MIP", the changes in that email apply to at least one work center at your command. The FBR response needs to be implemented and tracked. If you cannot find the work center that an "APPLICABLE TO ALL MIP HOLDERS of MIP" FBR response applies request you contact the NSLC POC listed on the FBR and inquire why your command received the FBR response. Many new MIPs are being issued via ACN and are not being implemented by the ships when they receive the "APPLICABLE TO ALL MIP HOLDERS of MIP" FBR that contains the ACN information. This is evidenced by the number of FBRs received asking for MIP changes that have already been completed by "APPLICABLE TO ALL MIP HOLDERS of MIP" FBR responses. Also all 3MCs and assistants should have access to and regularly review the emails in the 3mc@hullnumber.navy.mil distribution list as all changes to MIPs and MRCs that arrive in this account are applicable to your hull.
If you have any questions or comments, contact Allen Wallace, Comm (757) 967-3488/DSN 387-3488, or E-mail address: allen.c.wallace@navy.mil or Theo Maxfield, Comm (757) 967-3413 /DSN 387-3413, or E-mail address theodore.maxfield@navy.mil.

(2-12)

MIP 6641/004 - Damage Control Petty Officer (DCPO), Fire Fighting Access Fitting

A new MRC was recently developed during FR 1-12 for maintenance on the Fire Fighting Access Fitting (FFAF). The MRC is G6YN, periodicity A-2, and is applied to MIP 6641/004. The description of the FFAF is as follows: MRC A-2 applies to hulls with the following SCDs installed SCD-8252 (CG, DDG, FFG), SCD-8277 (LHA, LHD, LSD, LPD), SCD-7545 (CVN). These SCDs install FFAF on the external bulkheads or bolted access covers of spaces that can be considered "chimneys". The term "chimney" is any space that is multi-level, un-manned, unmonitored, has limited accessibility, is ventilated to atmosphere, is next to a space that could be threatened by a fire, and contains horizontal surfaces that could be used for the unauthorized stowage of hazardous material. The FFAF is a 5" threaded pipe cap to be removed to in the event of a "chimney" fire to allow insertion of fire hose nozzle.

If you have any questions or comments, contact David Pokraka, Comm (757) 967-3425/DSN 387-3425, or E-mail address: david.pokraka@navy.mil.

(2-12)

Introduction of the Off-Ship Maintenance Indicator

Force Revision (FR) 2-11 introduced new indicators for Off-Ship Maintenance assigned MRCs mainly to LCS/DDG 1000 Class ships. These new indicators appear as "+" and "++" with the periodicity on MRCs and on MIPs. There are legend(s) that have been placed on MIPs containing the Off-Ship Maintenance indicators at the bottom of the scheduling aid block. The legend(s) will read:

\+ Off-Ship Maintenance Personnel
++ Ship's Force and Off-Ship Maintenance Personnel

Currently only LCS/DDG 1000 Class ships are using Off-Ship Maintenance personnel to accomplish certain O-Level MRCs. Some of the MIPs that have been updated to reflect the Off-Ship Maintenance indicators are reapplied to other ship classes that do not use Off-Ship Maintenance personnel to accomplish O-Level maintenance. For ships that receive updated MIPs/MRCs reflecting the new Maintenance Indicators that do not use Off-Ship Maintenance personnel to accomplish O-Level maintenance, you are instructed to ignore the indicators and perform your maintenance as scheduled.

(2-11)

Equipment Guide List (EGL) Guidance for SKED 3.1 Users

There have been numerous questions from the fleet regarding the use of Equipment Guide Lists (EGL) in SKED 3.1 versus listing all PMS worthy equipment on individual component rows. The correct answer is to utilize the EGL functionality in the software. The primary reason for this is a Microsoft data limit that cannot be bypassed by the SKED 3.1 software and will result in problems with large workcenters, i.e. ER09. Additionally, using EGLs in SKED 3.1 will result in an easier transition to SKED 3.2 software when your SKED 3.1 data is converted.

(4-11)

Each FR Update SPMIG.MDB and 3M Reference Documents

All users that have PMSViewer installed on their local work station must copy the new SPMIG and 3M reference documents from the CD-ROM or DVD image on the command's LAN (or from the CD/DVD if not operating on a LAN) and replace the existing force revision spmig.mdb and documents folder.

a. Copy the spmig.mdb to c:\program files\pmsviewer\data\ and replace the existing spmig.mdb.
b. Copy the documents folder to c:\program files\pmsviewer\data and replace the existing documents folders.

SURFOR Tailored Force Revision (TFR)

Tailored Force Revision (TFR) reduces the administrative burden of applying FR changes to the PMS Schedules and changed documents. A team of experts review all changed MIPs and MRCs for applicability to your PMS schedule and provides the Ships 3MC a TFR Package. Each TFR package has an interactive TFR Guide on CD, for the 3MC they receive the standard FR PMS documents, Split MIP/MRC report, and 3MC report. Each Workcenter will receive, via the 3MC, the TFR files, Tailored MIP report, printed copies of changed MIPs with line outs, and MRCs with LGLs. To apply the TFR each workcenter starts an FR type revision, imports the TFR data, reviews the applied changes to the schedule and forwards it to the chain of command for review and approval.

TFR 2-12 has been delivered to all DDGs, CGs, and FFGs (105 ships) and select amphibious ships. With TFR, the heavy lifting has already been done. Technical Support is available Monday thru Friday by emailing TFR@antechsystems.com or calling (757) 548-2749.

(3-12)

TFR On-Line Training Classes

TFR On-Line Training is provided once a week via WebEx. These classes are held between 1300 and 1600 EST. Additional classes can be scheduled for groups to accommodate Ship/Command schedules. To request a specific date and time for your command, email: TFR@antechsystems.com.

The class provides a general overview of TFR for 3MCs and Workcenter Supervisors. The following topics are covered:

- The Basics: What is TFR?
- The TFR Process: What Happens Before You Receive It?
- TFR Packages: What's Inside?
  - 3MC
  - Workcenter Supervisor
- Getting Started: TFR Implementation Actions
  - 3MC
  - Workcenter Supervisor
- Using the Applied LOEP Report
- SKED 3.1 or SKED 3.2 Demo: Applying TFR to a Workcenter

For class schedules and registration, visit:
http://skedtraining.antechsystems.com.

(4-11)

Navy Installations Command (CNIC) 3M Support Representatives

Navy Installations Command (CNIC) has 3M Team representatives to provide quick and personal response to CNIC activities on 3M issues. CNIC requests that these representatives be your first point of contact to resolve Planned Maintenance System and other 3M related problems and concerns.

LCDR Chris Halsan
Code N32 GEMO
Phone: (202) 433-3517
DSN: 288-3517
christopher.halsan@navy.mil

Chad Fary
Ground Electronics Quality Assurance Specialist
CNIC WNY, N32 Airfield Operations
Office: 202-685-8431
Email: chad.fary@navy.mil

Matt Schaefer
Port Ops Maintenance Officer
Phone: (619) 556-3150
DSN: 526-3150
matthew.schaefer@navy.mil

Naval Surface Forces (CNSF) 3M Support Representatives

Naval Surface Forces has 3M Representatives to provide quick and personal response to SURFOR activities on 3M issues. The names and contact info follows. COMNAVSURFOR requests that these representatives be your first point of contact to resolve Planned Maintenance System and other 3M related problems and concerns. This includes anything that prevents you from doing your job as the 3MC.

Jerry Brugger
TYCOM 3M Representative (CNSF Pacific)
Phone: (619) 556-6341
jerry.brugger@navy.mil

MMC Jeffery Miller
TYCOM 3M Representative (CNSF Atlantic)
Phone: (757) 836-3298
jeffery.s.miller2@navy.mil

Bob Milburn
TYCOM 3M Representative (CNSF Atlantic)
Phone: (757) 836-3500
bob.milburn.ctr@navy.mil

EMCM (SW) Roger Doria
TYCOM 3M Representative (CNSF Pacific)
Phone: (619) 556-0136
rogelio.doria@navy.mil

CW04 Constantino Constantino
TYCOM 3M Officer
Phone: (619) 437-2500
constantino.constant@navy.mil

Navy Expeditionary Combat Command (NECC) 3M Support Representatives

Navy Expeditionary Combat Command (NECC)has 3M Representatives to provide quick and personal response to NECC activities on 3M issues. The following names and contact info for the NECC representatives are provided as points of contact to resolve Planned Maintenance System and other 3M related problems and concerns. This includes anything that prevents you from doing your job as the 3MC.

Dave Noel
Force Maintenance Director (N435)
Phone: (757) 462-4613 ext 111
Cell: (757) 705-8927
david.noel1@navy.mil

Steve Neal
Assistant Force Maintenance Director (N435A)
Phone: (757)462-4316 ext 127
steven.w.neal@navy.mil

CMC (SCW/EXW/FMF) Scott Farmer
TYCOM 3M Representatives
Phone: (757) 462-4316 ext 221
scott.e.farmer@navy.mil

BMC (SW) Fred Murray
TYCOM 3M Representative
Phone: (757) 462-4316 ext 412
fred.murray@navy.mil

EOC (SCW) Michelle Malone
TYCOM 3M Representative
Phone: (757) 462-4316 ext 104
michelle.malone@navy.mil

EOC (SCW) Al Lambright
TYCOM 3M Representatives
Phone: (757) 462-4316 ext 467
albert.lambright@navy.mil

Naval Air Forces (CNAF) 3M Team Representatives

Naval Air Forces has 3M Team representatives to provide quick and personal response to AIRFOR activities on 3M issues. COMNAVAIRFOR requests that these representatives be your first point of contact to resolve Planned Maintenance System and other 3M related problems and concerns.

CW04 Gregory Collins
CNAF N436 3M Officer / 3M Team OIC
Phone: (757) 445-7536
Cell: (757) 748-4136
gregory.collins2@navy.mil

Jeff Shultz
CNAL N432 Logistics
Phone: (757) 445-4201
jeffrey.shultz@navy.mil

Noreen Kirby
CNAP N432 Logistics
Phone: (619) 545-0516
noreen.kirby1@navy.mil

HTCM (SW/AW) Michael Barfield
CNAF N436 3M Inspection Team Lead/Schedules
Phone: (757) 445-4517
michael.w.barfield@navy.mil

MMCM (SW) John Boyd
CNAF N434 3M Coordinator/Feedback Reports
Phone: (619) 545-4356
DSN: 735-4356
john.k.boyd@navy.mil

Submarine Force (CSF) 3M Support Representatives

Submarine Force has positioned a 3M Representative at strategic locations to provide quick and personal response to SUBFORCE activities 3M issues. The names and contact information are provided. COMSUBFOR requests that these representatives be your first point of contact to resolve Planned Maintenance System and other 3M related problems and concerns.

Craig Houck
PMS Manager / TYCOM 3M Rep Mid-Atlantic
Phone: (757) 967-6184
Cell: (757) 435-2929
Fax: (757) 967-6924
craig.r.houck@navy.mil

Felix Ruiz
TYCOM 3M Representative Southeast
Phone: (912) 573-9676
Cell: (912) 577-1639
Fax: (912) 573-4777
felix.ruiz@navy.mil
felix.ruiz@navy.smil.mil

Nick Milano
TYCOM 3M Representative Northeast
Phone: (860) 694-3669
Cell: (860) 634-3560
Fax: (860) 694-2937
nicholas.milano@navy.mil
nicholas.milano@navy.smil.mil

Steven “Soupy” Campbell
COMSUBPAC 3M Manager
Phone: (808) 473-4839
Cell: (808) 728-2835
steven.a.campbell@navy.mil
steven.a.campbell@navy.smil.mil

Laurence “Magnus” Stonhill
TYCOM 3M Rep PACNORWEST
Phone: (360) 396-6780
Fax: (360) 396-6234
Cell: (360) 447-8190
laurence.stonhill@navy.mil
laurence.stonhill@navy.smil.mil

Rick Gaskill
TYCOM 3M Rep PACNORWEST
Phone: (360) 315-1430
Fax: (360) 396-6234
gerald.gaskill@navy.mil
gerald.gaskill@navy.smil.mil

Jim Peters
TYCOM 3M Rep Guam
Phone: (671) 339-4725
Cell: (671) 688-4134
james.peters.ctr@fe.navy.mil
james.peters@fe.navy.smil.mil

Clyde "CR" Drumheller
TYCOM 3M Rep Pearl Harbor
Phone: (808) 473-1144
Cellular: (808) 352-4684
DSN: 473-1144
clyde.r.drumheller.ctr@navy.mil
clyde.r.drumheller.ctr@navy.smil.mil

Patrick Millard
TYCOM 3M Rep San Diego
Phone: (619) 553-8737
Cell: (619) 889-7805
patrick.millard@navy.mil
patrick.millard@navy.smil.mil

Visit the SKED 3.1 Web Page

For the latest SKED 3.1 updates, frequently asked questions and solutions, visit the SKED 3.1 website by selecting **SKED Updates** on WEB URL: https://secure.nslc.navy.mil/pms/pms.nsf .

Recent updates to both SKED 3.1 and 3.2 enable the Workcenter Supervisors to enter a reason why an MRC is not being used in the workcenter in SKED. This improvement to SKED is a result of Fleet Feedback from the ships using the Tailored Force Revision (TFR). These updates add a Lineout editor to both SKED 3.1 and 3.2 and Lineout reasons can now be captured electronically. Additionally, SKED 3.2 users will also be able to print the MIPs with the lineouts and the justification. The updates are available for download:

SKED 3.1
http://www.antechsystems.com/product-support/sked-3-1/downloads

SKED 3.2
http://www.antechsystems.com/product-support/sked-3-2/downloads

Updating PMS Data in SKED

SKED 3.1

To reduce the deleting of EGLs, and or adding MIPs that have been superseded during the time between FRs this sequential process must be followed when Updating PMS Data from the Force Revision into SKED 3.1. This procedure also provides guidance on how to align your workcenters with the Standardized Workcenters list maintained by your TYCOM. All the files required to perform these steps are located on each new FR DVD/CD-ROM.

1. Ships 3MC, after receiving the NAVY PMS CD-ROM or PMS DVD for the new FR, run the MIP Changer utility.
   a. On the server hosting SKED 3.1, browse to the Navy PMS CD-ROM or DVD >SKED Update Utilities> SKED 31MIPConverter.exe
   b. Execute SKED31MIPConverter.exe. A report will be issued listing all that has been changed by workcenter. This report can be saved and printed out for distribution to the effected workcenters.

2. Commands needing to rename or split workcenters to align with Standardized Workcenter, run the SKED 3.1 Workcenter Manipulation Utility.
   a. Print the operating instructions by browsing to the Navy PMS CD-ROM or DVD >SKED Update Utilities>SKED31Workcenter Manipulation Utility.txt.
   b. Browse to the NAVY PMS CD-ROM or DVD >SKED Update Utilities>skedwcchg.exe.
   c. Execute skedwcchg.exe using the SKEDADMIN login and password. Follow the wizard to perform changes.

3. Update the FR PMS Data into SKED 3.1.
   Note: Depending on system hardware, this process may take several hours to complete.
   a. On the server hosting SKED 3.1, login to SKED 3.1 as an Administrator or 3MC user.
   b. From the menu bar, select Admin>Update Data>Update PMS Data and follow the wizard instructions.
   c. When the Update PMS Data dialog box states "**Update Complete!**" click Ok and then exit SKED 3.1

SKED 3.2

1. Update the FR PMS Data into SKED 3.2
   Note: Depending on system hardware, this process may take several hours to complete.
   a. On the server hosting SKED 3.2, log in to SKED 3.2 as an Administrator or 3MC user.
   b. From the My Tasks menu bar, select View, Administration.
   c. From the Administration menu bar, select Admin, Import PMS Data and select the Browse button and browse to the FR Disk, then select the 'Go' button.
   d. When the Import PMS Data dialog box states "**Import PMS CD Completed Successfully**" click Ok and then exit SKED 3.2.

Technical support for SKED is available from Antech Systems at 757-819-5120 or e-mail SKED@antechsystems.com
or PMS@navy.mil

COMSUBPAC Activities: Commercial (808) 473-4839 or e-mail steven.a.campbell@navy.mil

COMSUBLANT Activities: Commercial (757) 967-6184 or e-mail craig.r.houck@navy.mil

Updating Changed MIP and MRC Documents Workcenter Supervisor Actions

NAVSEAINST 4790.8 and your TYCOM 3M instruction describes what PMS documents are required to be stored in the Workcenter Binder. Some of the required documents are the MIPs listed on your LOEPs, and depending on your TYCOM Instruction some or all of the MRCs that are used to perform Planned Maintenance. Each FR some of the MIPs and MRCs are updated. Depending on your TYCOM

instruction some or all of the changed, and only the changed MIPs and MRCs need to be updated in the Workcenter Binder.

To print only the changed MIPs and MRCs;

SKED 3.1

1. From an open workcenter schedule click on the Binoculars in the lower left hand corner of the Schedule.
2. Click the Batch Print button from the tool Bar. Follow the Wizard to print the desired MIPs and MRCs. Selection 3.c. is the recommended option.

    a. All PMS Documents listed for my Work Center.
    b. Select only PMS Documents that have changed for my workcenter, regardless of whether or not they are currently on my schedule.
    c. Select only PMS documents that have changed for my workcenter.
    d. Select only PMS documents that are on the workcenter schedule.

SKED 3.2

1. From the Workcenter Tab, select the PMS Documents view.
2. Click on the Print PMS Deck button.
3. In the Print PMS Deck box, expand and place a check mark next to the MIPs that require printing.
4. Remove the Check Mark next to the MRCs that do not require printing.
5. Click the Print button.

PMSViewer

1. From the tree select your Command and workcenter.
2. Highlight the MIP that has changed.
3. Click on the Batch Print icon on the tool bar.
4. In the Organize Batch Printing Box place a check mark next to “include associated MRCs”, and “Include Changed Documents Only”.
5. Click on the Add Document to Print List button.
6. Repeat steps 2 through 5 until all changed MIPs and MRCs have been selected for printing.
7. Click the Print Batch button.

For SKED technical assistance, contact one of the following:

anchordesk@navy.mil
http://www.anchordesk.navy.mil/fleetsupport/request.nsf/request?OpenForm

Global Distance Support Center (GDSC)
Commercial: (877) 418-6824
Fax: (757) 443-3662

Antech Systems
Commercial: (757) 819-5120
SKED@antechsystems.com
PMS@navy.mil

SKED Remembers Last Revision Changes

Both releases of SKED remember which MIPs and MRCs you set as active during the last revision. To allow SKED 3.1 to remember which MIPs and MRCs were active between each revision, you must select “Using the Centralized Data Source” when responding to Step 1: Choose Revision Method from the revision Wizard.

This is the default setting if the Command’s 3MC has Updated PMS Date from the current NAVY PMS FR DVD/CD-ROM. For workcenters that have a large number of Component Rows, it is recommended that on “Step 5: include Previously Rejected and New MRCs” of the Revision Wizard, place a check mark next to “Do not Include previously rejected MRCs in this revision”. This will help to prevent you from receiving an overflow error.

If you do not have “Revision from Centralized Data Source (Recommended)” it is because PMS data was not updated into SKED 3.1. If this is the case, then in Step 1: of the Revision Wizard use “Revision from NAVY PMS CD”. This revision method will provide you with the functionality of retaining the previous revisions history.

These are the only two Revision Methods that you should ever use. Both of these methods do allow the user to make manual adds to the workcenter schedule if it is needed.

If you get into your revision and see that all the MIPs and MRCs are Green, or new, it is a strong indication that the last revision(s) were performed using the Manual revision method. **Use of the Manual revision method does not retain any history of changes**.

For those commands using SKED 3.2, the revision data is automatically pulled from the latest PMS FR data that was imported into the program.
For SKED technical assistance, contact one of the following:

anchordesk@navy.mil
http://www.anchordesk.navy.mil/fleetsupport/request.nsf/request?OpenForm

Global Distance Support Center (GDSC)
Commercial: (877) 418-6824
Fax: (757) 443-3662

Antech Systems
Commercial: (757) 819-5120
sked@antechsystems.com
PMS@navy.mil

(1-12)

How Do I Request Technical Support for SKED and PMS Viewer

To request technical support for either SKED or PMS Viewer, submit your request to the NAVSEA Anchor Desk using one of four methods.

1. Phone: 1-877-418-6824
2. E-mail: Help@AnchorDesk.Navy.Mil, or Help@AnchorDesk.Navy.Smil.Mil
3. Naval Message using the PLAD: ANCHORDESK NORFOLK VA
4. WEB Request Form: http://www.anchordesk.navy.mil/fleetsupport/request.nsf/request

SKED 3.2 Implementation

SKED 3.2 is certified for use on NIAPS version 2.0 and greater. This release is currently installed and active on various SURFOR and SUBFOR platforms and activated for training on SURFOR, SUBFOR and AIRFOR platforms. NAVSEA is working with USFF and TYCOMs to accelerate the rollout of SKED 3.2 in the fleet.

The SKED 3.2 activation process will be performed in two phases; Phase I includes the conversion of SKED 3.1 data and the command will be provided training and allowed to use the SKED 3.2 data for familiarity with the operation of the software. Phase II includes a second and final conversion of SKED 3.1 data and training for the 3M Coordinator, Officers, Chiefs, and Workcenter Supervisors. NAVSEA technicians will be onboard for final conversion and training anywhere from 5 – 10 days depending on class of ship.

(2-12)

SKED 3.2 On-Line Training

Several classes are now available online at www.antechsystems.com/sked-training-getting-started The classes are available every other business day at times ranging from 0800 - 1900 EST. Additional information is available by emailing skedtraining@antechsystems.com

(3-11)

SKED 3.2 Information

1. **Enhanced Individual Equipment Tracking**: With the removal of EGLs, every piece of equipment onboard ship becomes its own line item in SKED and on the 13 week report. When coupled with a ship's OMMS-NG configuration data, SKED allows the workcenter supervisor to accurately account for each piece of equipment in the workcenter and ensure proper maintenance is being conducted.

2. **Command Wide Reports Feature**: The built in "Reports" feature allows personnel to extract a wide range of information in moments. Ranging from the forecasting of Hazmat, Repair Parts, Test Equipment needed, to PAR completion information for the entire command or an individual workcenter covering a given date range. Additional reports allow the command to view checks that have a

potential to be lost, if not completed with-in periodicity, days or weeks in advance. 3MCs can view with 100% accuracy, each workcenters PAR/SAR/ACF data broken down by total number of checks scheduled, completed, lost, and rescheduled throughout a quarter or individual week. Each report can be exported into Excel format for timely and accurate command reporting.

3. **Quick Reference Icons on Workcenter Schedule**: With each piece of equipment becoming its own line item on the workcenters schedule, there are icons that indicate for each check if it requires a Tag-Out, Repair Parts, if it is a Safety of Ship item, has Hazmat, has a customized MRC card, if it is a classified MRC, or if it contains a check note from being previously rescheduled. All of this is readily available to the crew without even having to pull the MRC and greatly enhances the workcenter supervisor's ability to pre-plan and prioritize their maintenance accordingly.

Provided by:
HTC(SW/AW) Jonathan D. Purvis
USS STOUT (DDG-55) 3M Coordinator

(2-11)

SKED 3.2 Integrates Fleet's Requested Enhancements

Component Based MRC Line Outs and Customization: SKED 3.2 will schedule PMS at the component/equipment level and will be tied to configuration. SKED 3.2 will allow the Workcenter Supervisor to customize an MRC for a specific piece of equipment by performing a line-out on steps, as allowed by NAVSEAINST 4790.8B, that are not applicable for that equipment or configuration. The supervisor may also add custom notes for the Tools, Parts, and Materials block. In addition, the component's name, location, and serial number will be displayed on the MRC. If the card is destroyed, simply print its replacement, removing the need to review and approve the MRC.

Increased Automation / Workflow: SKED 3.2 includes automated workflow mechanisms that provide customized task lists for each user. When a user logs into SKED 3.2, the user's task list will be the welcome screen. This is a customized list of actions that require the user's attention and automatically links the user to other areas of the program where those tasks need to be performed. Assigned maintenance tasks, feedback report approvals, PMS alerts for out-of-periodicity maintenance, assigned training tasks, and spot check assignments are examples of the types of tasks that are available from the user's task screen.

Increased Support for Situational Maintenance: The standardization of situational maintenance requirements has allowed SKED 3.2 to automatically build and associate "global" (ship-wide) and "local" (equipment specific) events. These events are automatically built and updated when the Force Revision data is updated into SKED. The application will also present to each workcenter supervisor, a concise list of situations that their PMS identifies. SKED 3.2 supports "states", "triggers", and counter-based situations.

Increased Performance and Reliability: SKED 3.2 performs real-time updates to the database for increased performance, reliability, and accuracy. Therefore, ship-wide reports are always based on current information. These updates also provide the ability for multiple users to accurately access workcenter data at the same time. Extensive data validation routines ensure that only the proper information may be entered into the system, and the user-based roles and permissions scheme streamline the user-interface to reduce the amount of clutter presented to the user.

Ship-Wide LOEP Management: The ship-wide LOEP management screen provides the 3M Coordinator, Department Heads, and Division Officers the ability to electronically compare each workcenter's LOEP with their PMS schedules. This tool also allows the 3MC to see each of the ship's Maintenance Index Pages (MIP) at the ship-wide level to ensure that all maintenance is covered.

Opening the SKED HELP FILE

The SKED 3.1 Help file cannot be viewed when logged into SKED 3.1 due to a Security Hotfix distributed by Microsoft several years back preventing .chm files from being opened across a network.

Copying SKED help manual to your desktop:
1) Copy file "SKED_3.CHM" from the NIAPS server SKED 3.1 directory.

2) Paste it to your Desktop.
3) Open the SKED help folder on your desktop to view help manual.
If the SKED help manual does not open from your desktop, perform the following steps:
1) Copy file "SKED_3.CHM" from the NIAPS server SKED 3.1 directory.
2) Paste it to a folder, normally your temp folder, on the C drive of the local work station.
3) Open the SKED help from the folder on your C drive to view help manual.

This procedure will have to be performed at each work station that will need to access the SKED help manual.

SKED Training

ATG 3M Team offers a one-day SKED workshop. This is a hands-on workshop that covers the installation of Force Revisions and properly maintaining workcenters. For more information, **ATG** points of contact are:

PAC Activities: Lisa Dubois at DSN 526-5796, Commercial (619) 556-5796 or e-mail lisa.dubois@navy.mil

LANT Activities: Gary Hudson at DSN 564-6994, Commercial (757) 444-6994 or e-mail gary.w.hudson@navy.mil.

(1-10)

PMSVIEWER

PMSViewer Update

While printing PMS documents with earlier versions of the PMSViewer, some issues may occur with landscape tables. Please be sure that the following versions are up to date:

Resource version is 3.5.0.1
PMS Browser Object version: 2.8.3.0
PMSViewer version 2.0.0.1

See steps below for assistance.

Open PMSViewer and perform the following:

1. From the Menu bar, select **Help>About PMS Resources…**
2. In the About PMS Resources dialog box, **Resource version 3.5.0.1** should be listed.
3. In the About PMS Resources dialog box, **PMS Browser Object Version 2.8.3.0** should be listed.
4. Close the About PMS Resources dialog box.
5. From the Menu bar, select **Help>About PMSViewer…**
6. In the About PMSViewer dialog box, **PMSViewer Version** 2.0.0.1 should be listed.
7. Open Internet Explorer, select from the menu bar **Help>About Internet Explorer**.
8. The version number is displayed in the Internet Explorer dialog box should be 5.5 or higher.
9. Refer to the PMSViewer Update instructions provided in the readme file on the FR PMS CD-ROM or DVD.

(1-11)

CD-ROMand DVD Installation & Operation Troubleshooting Guide

The following explains how to deal with common problems that have been reported while using the NAVY PMS CD-ROM and DVD. If you cannot find the answers to your question or problem, contact NAVSEALOGCEN DETs for technical support. The POCs and their phone numbers are contained in the Readme file on the CD-ROM and DVD.

System Requirements:

- Computer with Pentium 166 MHz processor or higher.
- Windows 98, Windows ME, Windows NT 4.0, Windows 2000, Windows XP.
- 64 MB of RAM.
- 20 MB of hard drive space.

Note:

1. The preferred Microsoft Internet Explorer version is 6.0 or later for the PMSViewer to be installed on the machine viewing the PMS cards. Internet Explorer version 5.5 can be used to view the documents; however, some printer irregularities may occur when printing in landscape mode.
2. The existing PMSViewer software version 2.0 will work with current FR PMS CD-ROM and the

new DVD data. The CD-ROM or DVD Readme file contains a full description of features.

3. The installation of the PMSViewer requires administrative rights. If you already have PMSViewer installed, you do not need to reinstall it. However, you must copy from the latest CD or DVD the new SPMIG.MDB file to C:\Program Files\PMSViewer\data, and the Documents folder to

C:\Program Files\PMSViewer\data\Documents.

Installation Tips:

The instructions for installing the PMSViewer software are located in the README.RTF file located on the Navy PMS CD or Navy PMS DVD.
For additional assistance, contact your local LAN Administrator or contact the following:

PMS CD-ROM and PMS DVD

For questions regarding problems with installation, printing, etc., with the PMS CD-ROM or PMS DVD contact one of the following:

PAC Activities: Commercial (619) 556-0723, DSN 526-0723 or e-mail donald.morrison@navy.mil
LANT Activities: Commercial (757) 967-3404, DSN 387-3404 or e-mail rebecca.webb1@navy.mil
For additions, changes or deletions to PMS CD-ROM or PMS DVD distribution contact one of the following:

PAC Activities: Commercial (619) 556-0578, DSN 526-0578 or e-mail anne.cotcher@navy.mil

LANT Activities: Commercial (757) 967-3405, DSN 387-3405 or e-mail jon.winoker@navy.mil

For additions, changes or deletions to Activity Files (e.g. mailing address, points of contact, e-mail, phone number), contact one of the following:

PAC Activities: Commercial (619) 556-0624, DSN 526-0624 or e-mail maureen.f.evans@navy.mil

LANT Activities: Commercial (757) 967-3418, DSN 387-3418 or e-mail alice.gusti.ctr@navy.mil