

# THE FMSB NEWSLETTER

Volume 24

<http://www.nnsy1.navy.mil/FMSB>

August 2004

## Salinity Cells

*Tom Batts*

FMSB has fielded many questions regarding cleanliness requirements for cleaning propulsion plant demineralizer salinity cells. Is a Quality Assurance Supervisor or Inspector required, is a verification signature for cleanliness required or does the PMS require a Controlled Work Package (CWP)?

The Maintenance Requirement Card (MRC) requires the system to be maintained Reactor Plant Clean in accordance with Cleanliness Requirements for Nuclear Propulsion Plant Maintenance by Forces Afloat, NAVSEA 0989-064-3000.

In discussion with the Type Commanders, it has been determined that the signature requirements in CINCLANTFLT/CINCPACFLT Instruction 4790.3 Revision A, Joint Fleet Maintenance Manual, Addendum B-1 are for corrective maintenance of reactor plants and not for preventative maintenance.

Work will be accomplished under Reactor Plant Clean controls and will require an independent inspection IAW NAVSEA 0989-064-3000 Table 1.5-1. However, there is no requirement for a signature for this inspection. The exception would be if the local command decides to have a signature for the inspection.

If you have any questions on this subject, please contact Tom Batts at (757) 393-7124 or [BattsTW@nnsy.navy.mil](mailto:BattsTW@nnsy.navy.mil).

## Technical Inquiries

*Tim Tew*

FMSB receives many inquiries from fleet and shore commands on technical issues in areas such as material control, technical work document (TWD) format, drawings, and references to name a few. Each subject matter expert (SME) strives to provide accurate information quickly to all technical inquiries received.

It is important that commands provide certain details with their inquiry to assist FMSB in providing a fast and accurate answer. Standard Identifier (SI), location within the system, drawing/manual number, and cognizant agency are examples of important details.

FMSB has developed a Fleet Information Request Form to assist commands in providing the important details of any inquiry. A command should fill out the input form and have it ready when calling or emailing FMSB about any technical inquiry. Often filling out the form will actually provide the answer to the inquiry. If not, the properly filled out form will provide FMSB the necessary details to begin research on your technical problem and allow us to answer your inquiry faster.

## Student Check In

*Jamie Gardner*

Personnel who will be attending a FMSB course at Norfolk Naval Shipyard should visit our website for check-in procedures, directions and other useful information. Also, students attending schools at NNSY are required by their orders to contact us before arrival. The points of contact are Sheila Tucker at (757) 393-7020 or Jamie Gardner at (757) 393-7042.

Dept Hd \_\_ Div Hd \_\_ Supv/LCPO \_\_ TRG/QA \_\_ 38N/RM/M-DIV \_\_ Planning \_\_ File \_\_

## **Upcoming Training**

*Jamie Gardner*

**FMSB is scheduled to conduct the following training:**

- \* NPTU Charleston, September 13-24, PVO Train the Trainer. POC: LT. Edmonds (843) 863-5654**
- \* USS FRANK CABLE, September 20-30, Steam Plant Cleanliness, Controlled Material, Valve Seat Repair and Valve Gasket Sealing Surface Repair. POC: ENS. McCoulskey**
- \* AIRPAC/SUBPAC Units, Northwest, November 8-19, PVO Train the Trainer. POC: LT. Ward (619) 767-7364**
- \* AIRLANT/SUBLANT Norfolk Units, November 8-19, PVO Train the Trainer. POC: LCDR Kenney (757) 444-6882**
- \* AIRLANT Units, Norfolk, December 6-17, Quality Maintenance Course 05-1. POC: LCDR Kenney (757) 444-6882**
- \* In-House Training: QAOB 05-1 October 4-November 5; Nuclear Trades Skill Course 05-1 October 4-November 16;**

**For information on scheduling training with Fleet Maintenance Support Branch, contact Jamie Gardner at (757)-393-7042 or by email GardnerJM@nnsy.navy.mil.**

## **Recently Completed Training**

*Jamie Gardner*

**FMSB recently completed the following training:**

- \* SUBLANT Units, Kings Bay Area, June 7-18, PVO Train the Trainer.**
- \* SUBLANT Units, Kings Bay Area, June 21-25, Operational Unit Training. Topics: Package Preparation and Format I, Training and Quals, SUBSAFE, Reactor and Steam Plant Cleanliness and System Component Certification/Testing.**
- \* AIRPAC and SUBPAC Units, Northwest Area, July 12-23, PVO Train the Trainer.**
- \* AIRPAC and SUBPAC Units, Northwest Area, July 12-23, Operational Unit Training. Topics: LP Carbide Seat Cutter and Steam Plant Cleanliness.**
- \* NPTU Ballston Spa, June 7-11, Technical Assist Visit. Topics: Reverse Seated Globe Valve Repair and Primary Valve Packing.**
- \* NPTU Charleston, August 30-September 3, Valve Seat Repair, Gasket Seat Repair and Steam Plant Cleanliness**
- \* PPTSC 04-3 June 7-18 graduated a class of 6 students. Attendees reporting to CVN 71, NRMD Norfolk (2), SSN 777 (3).**
- \* PPTSC 04-4 Jul 12-23 graduated with a full class of 12. Attendees are reporting to CVN 73 (2), CVN 65 (7), CVN 75 (3).**
- \* PPTSC 04-5 Aug 16-27 graduated with a full class of 12. Attendees are reporting to CVN 71, CVN 65 (2), CVN 72 (3), CVN 76, CVN 68 (3), CVN 74 (2).**
- \* Nuclear Planner Course 04-2 Graduated Aug 27 with a class of 17. Attendees reporting to USS FRANK CABLE, CVN 70, CVN 65, NSSC New London, CVN 75, CVN 76, CVN 73, CVN 71 and NPTU Ballston Spa.**

**For information on scheduling training with Fleet Maintenance Support Branch, contact Jamie Gardner at (757)-393-7042 or by email GardnerJM@nnsy.navy.mil.**

## ***MASTER INDEX***

<b>TOPIC</b>	<b>VOLUME</b>
Acid Brushes	7 & 10
BEQ/BOQ	20
BTSLP	1, 6, 11
CAML	13
Cleanliness, LP carbide seat cutter	3 & 2
Cleanliness Plugs	4, 10, 12, 13, 15
CTTM	1
Cutting Tool Standardization	8, 11, 13, 17,
Electric Drive	7, 11, 19
Fasteners	9
Graphitic Packing	3 & 19
Locking Cable	9 & 21
LARs	17
Lead Dummy	17
LP Carbide Seat Cutter	6, 22
LP Carbide seat cutter AEL	2
Lubricants	20
Material Control Changes	6, 22
MIL-STD-1330	16
MQPL	19
NPC Starter Package	17
Packing, primary	7 & 21
Packing, CAML	7
Packing, steam valve	7
Planners Handbook	8 & 9
Primary valve torque	5
PVO Training	6, 11, 15, 16
QA Form 10	9
Quality Notes	1, 12, 13, 15
RP Carbide Seat Cutter Bushing	16
RPFW Anode Plug	9
RSAOGV Carbide Cutter	20
Seat Leakage	1
ShipAlts	21
SUBSAFE SMICs	9
Testing	20
Training valves	1 & 8
TWD Sign Requirements	7
TYCOM Conference	18 & 20
Vactan	17
Previous issues or articles are available by visiting the FMSB WebSite or contacting FMSB by phone or e-mail. (POC xxx xxx)	

**NORFOLK NAVAL SHIPYARD  
FLEET MAINTENANCE SUPPORT  
BRANCH, CODE 2380.3, BUILDING 276  
PORTSMOUTH VA 23709-5000  
FAX (757) 393-7120  
(DSN 386-1185 + last five digits)**

## ***B-Port FME Clean Plug Problems***

*John Henderson*

For those activities using the carbide cutter seat repair kits made by Puget Sound Naval Shipyard (PSNS), PSNS recommends to discontinue use of the 1B0500BP FME cleanliness plug. This is due to recent problems with this plug being pushed past the angle part of the valve body B-port, and becoming lodged.

The 1B0500BP FME plug is designed to fit into the B-port of ½-inch Standard Navy valve bodies with butt weld nozzles to NAVSHIPS 803-2177525 and Standard Naval Nuclear valves with butt weld nozzles to NAVSEA 0989-150-0000 Chapter 6.1. Note that valve bodies with socket weld nozzles use a different plug (1B0500SW), and they are unaffected by this notice.

Some of the newer kits for ½-inch valves of NAVSHIPS 803-2177525 (kits "A" & "A70") and ½-inch valves of NAVSEA 0989-150-0000 Chapter 6.1 (kit "B") have this plug contained in them. The 1B0500BP FME plug is stocked under NSN 1H 4730-01-473-7736.

The 1B0500BP-90 FME plug & 3B0500BP-90 FME plug are under development to replace the FME plug 1B0500BP. Until the replacements are available, the 4F0546 lanyarded plug (NSN 1H 4730-01-494-0953) can be obtained to seal the B-port. It should also be noted that the guide bushings included in each kit are provided with an FME barrier that will provide FME for the B-port in most cases. Instructions included with each seat repair kit explain how to perform a blue check between the guide bushing with FME barrier and valve body bridgewall to verify a satisfactory contact.

For any questions or concerns, please contact FMSB (John Henderson) at 757-393-7137 (DSN 386-1185, ext. 37137), or PSNS (Mike Blankenship/Dean Norman) at 360-476-3665.

## Future Articles

Jamie Gardner

If you have a question and/or articles of interest for *The FMSB Newsletter*, please let us know. If necessary, FMSB will conduct the research. Request deadline for the next issue is Nov 15, 2004. Write, E-mail, or call FMSB.

**Mike Hardison - Supervisor**  
HardisonJM@nnsy.navy.mil, (757) 393-7027  
**Tom Batts - Valve Replacement, PVO, Reactor Plant/Steam Plant Cleanliness**  
BattsTW@nnsy.navy.mil. (757) 393-7124  
**Art Castleberry-SUBSAFE, QMC**  
CastleberryAD@nnsy.navy.mil (757) 393-7039  
**Chuck Davis - Trade Skills, Valve Repair,**  
DavisCE@nnsy.navy.mil. (757) 393-7185  
**Gerry Dodd - Quality Notes, Freeze Seals, Training Valves, Mock-ups,** DoddGA@nnsy.navy.mil, (757) 393-7125  
**Mike Dodson - SubSafe, Testing,**  
DodsonME@nnsy.navy.mil (757) 393-7134  
**Phil Doyle - Technical Manuals and Drawings, PVO**  
DoylePJ@nnsy.navy.mil. (757) 393-7141  
**Butch Estridge - Trade Skills, valve replacement, fitting pipe, Basic Trade Skill Lesson Plans**  
EstridgeMC@nnsy.navy.mil. (757) 393-7186  
**Jamie Gardner - On-site Training and Sponsorship,**  
GardnerJM@nnsy.navy.mil, (757) 393-7042  
**John Henderson - Valve Repair, PVO, Trade Skills,**  
HendersonJL@nnsy.navy.mil. (757) 393-7131  
**Ken Korpanty - Cutting Tools, Mockups**  
KorpantyKR@nnsy.navy.mil (757) 393-7112  
**Al Pendleton - LARs, Plant Conditions and Effluent Collection**  
PendletonJA@nnsy.navy.mil. (757) 393-7189  
**Mark Rice - Trade Skills, valve replacement, pipe fitting, Basic Trade Skill Lesson Plans**  
RiceME@nnsy.navy.mil. (757) 393-7187  
**Andrew Reutt- Trades Skills, valve repair**  
ReuttJA@nnsy.navy.mil (757) 393-7139  
**Charlie Simpson- Valve repair, system inspection/repair**  
SimpsonCR@nnsy.navy.mil (757) 393-7144  
**Jeff Smith – Controlled Material, Trade Skills, valve replacement, pipe fitting**  
SmithJEA@nnsy.navy.mil, (757) 393-7193  
**Tim Tew - FWP/CWPs, ShipAlts, JFMM**  
TewTN@nnsy.navy.mil. (757) 393-7140  
**Sheila Tucker – Vault Custodian and Technical Manuals**  
TuckerSR@nnsy.navy.mil. (757) 393-7020

When contacting FMSB by e-mail, send the e-mail to two or more people. That way if someone is on leave or travel, another person can contact you.

## DETAILERS

Detailer information is provided to assist in obtaining billets for FMSB scheduled courses.

**Nuclear Planners Course (NPC)**  
CANTRAC S-661-1022: MMCS (SS) Ciko  
p403cd@persnet.navy.mil, (901) 874-3627, DSN 882-3627.

**Nuclear Trade Skills Course (NTSC)**  
CANTRAC S-661-1025: MM1 (SS) Richmond  
p403cg@persnet.navy.mil, (901) 874-3628, DSN 882-3628.

**Quality Assurance Officers Course (QAOC)**  
CANTRAC S-4H-0001: LCDR Jeff Pafford  
p422a@persnet.navy.mil, (901) 874-3945, DSN 882-3945, Fax (901)874-2648.

**Propulsion Plant Trade Skills Course (PPTSC)**  
CANTRAC S-661-1026 MMC (SW) Goodman,  
p403cr@persnet.navy.mil, (901) 874-3632, DSN 882-3632.

### NNSY CODE 138 WELDING & NDT

Johnny Broach - Welding,  
BroachJL@nnsy.navy.mil (757) 396-5510/5579  
Eugene Charpia NDT,  
CharpiaEV@nnsy.navy.mil (757) 396-5510/5579  
Jerry McKnight - Welding, NDT, LGI,  
McknightJB@nnsy.navy.mil (757) 393-7113  
Jim McNabb - NDT,  
McnabbJP@nnsy.navy.mil (757) 396-5510/5579  
Chris Wray - NDT,  
WrayRC@nnsy.navy.mil (757) 396-5510/5579

## FMSB COURSE SCHEDULE

### Propulsion Plant Trade Skills Course

**PPTSC 05-1 24 Jan – 04 Feb 05**  
**PPTSC 05-2 02 May – 13 May 05**  
**PPTSC 05-3 06 Jun – 17 Jun 05**  
**PPTSC 05-4 11 Jul - 22 Jul 05**  
**PPTSC 05-5 15 Aug – 26 Aug 05**

### Nuclear Planners Course

**NPC 05-1 18 Jan - 22 Feb 05**  
**NPC 05-2 25 Jul - 26 Aug 05**

### Quality Assurance Officers Course

**QAOC 05-1 04 Oct - 05 Nov 04**  
**QAOC 05-2 18 Apr - 19 May 05**

### Nuclear Trade Skills Course

**NTSC 05-1 04 Oct - 16 Nov 04**  
**NTSC 05-2 07 Mar - 15 Apr 05**

These courses are Detailer controlled. Contact the applicable Detailer listed in this Newsletter to obtain a billet for these courses.