

# THE FMSB NEWSLETTER

Volume 15

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

May 2002

## **FMSB WEB PAGE**

*Mike Hardison*

FMSB is now on the Web. You will find the dates for all our scheduled courses, course descriptions, Subject Matter Experts with phone number and e-mail addresses, index of all the Basic Trade Skills Lesson Plans, index of all Quality Notes, and The FMSB Newsletter. Future issues will be posted when the Newsletter goes to printing. Come visit us at <http://www.nnsy1.navy.mil/FMSB>. If you have any comments or suggestions, please let us know.

## **NNSY BEQ/BOQ AVAILABILITY**

*Jim Null*

Norfolk Naval Shipyard is presently in the process of conducting overhauls on several large deck ships. As a result, the BEQ/BOQ stays full most of the time. If you are assigned to a NNSY course and before you detach from your present command, call or have SATO call the BEQ/BOQ, (757) 391-1388, for reservations. If accommodations are not available, obtain a Certificate of Non-availability (CNA) number by phone, then make reservations at a local hotel. You may call FMSB for a list of nearby hotels. If you will not be bringing a car to the area, you should also contact your detailer before transfer and request an ORDMOD to include a rental car.

## **PVO TRAINING**

*Phil Doyle*

A recent NAVSEA 08 letter has directed FMSB to make our PVO course available at all ports/locations including NPTUs. We are working with the Type Commanders and NAVSEA 08 to establish the program. The objective is to provide standardized PVO training using prescribed mock-ups and lesson plans. In order to provide consistent training, FMSB will "train the trainers" at each locale and CVN. These certified trainers will, in turn, train the operators.

## **FMSB COURSE SCHEDULE**

### **Nuclear Planners Course**

NPC 02-2 29 July - 30 Aug 2002

NPC 03-1 21 Jan - 25 Feb 2003

NPC 03-2 28 Jul - 29 Aug 2003

### **Quality Assurance Officers Course**

QAOC 03-1 7 Oct - 8 Nov 2002

QAOC 03-2 21 Apr - 22 May 2003

### **Nuclear Trade Skills Course**

NTSC 02-3 8 Jul 8 - 16 Aug 2002

NTSC 03-1 1 Oct - 13 Nov 2002

NTSC 03-2 3 Mar - 11 Apr 2003

NTSC 03-3 14 Jul - 22 Aug 2003

### **Propulsion Plant Trade Skills Course**

PPTSC 02-3 13 May - 31 May 2002

PPTSC 02-4 10 Jun - 28 Jun 2002

PPTSC 02-5 9 Sep - 27 Sep 2002

PPTSC 03-1 2 Dec - 20 Dec 2002

PPTSC 03-2 27 Jan - 14 Feb 2003

PPTSC 03-3 5 May - 23 May 2003

PPTSC 03-4 9 Jun - 27 Jun 2003

PPTSC 03-5 8 Sep - 26 Sep 2003

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

## **Steam Plant Valve Cleanliness Plugs**

*Chuck Davis*

Recently, during steam plant valve carbide cutter seat repair training, FMSB discovered that a Puget Sound Naval Shipyard (PSNS) cleanliness plug did not fit all valve bodies that it was designed to fit. The plug (1F1000-CS1150) was designed to fit into the B-ports of one-inch butt welded and socket welded steam plant valves of NAVSHIPS 803-2177525. FMSB found that it did not fit into all of the socket welded bodies that could be encountered by repair activities.

The plug is an approved cleanliness plug for the B-ports of socket welded valves per NAVSEA 0989-064-3000, Cleanliness Controls For Nuclear Propulsion Plant Maintenance By Forces Afloat, Appendix A. It is available in the Navy supply system (NSN 4730-01-473-7748) and is included in the newest version of the Carbide Cutter Seat Repair tool kits for one-inch steam plant stop and throttle valves.

The deficiency was reported to PSNS. PSNS made the necessary modifications to the plug design, allowing the plugs to be inserted into both the butt-welded and socket-welded valve bodies. The modified plugs are longer from the bottom of the plug to the top of the chamfer (0.5-inch for the older version and 0.7-inch for the modified version). Any activity that has an older version of the plug and needs a modified version should contact FMSB or PSNS for information regarding the acquisition of the modified version of the plug.

## **FMSB COURSES**

*Jim Null*

The FMSB scheduled courses (QAOC, NPC, PPTSC, and NTSC) are detailer controlled. If the detailer has difficulty filling all the billets, FMSB may attempt a last minute fill. Please do not send anyone to the course without obtaining a billet from the detailer. Detailer information is provided on the last page of the Newsletter.

## **RECENTLY COMPLETED TRAINING**

*Jim Null*

FMSB recently completed the following training:

\* USS ABRAHAM LINCOLN (CVN 72) at Everett WA, March 4 – 6, Steam Plant Cleanliness and Steam Valve Carbide Seat Cutter.

\* Bangor/Bremerton WA area Operating Unit Training at Trident Training Facility, March 7 – 14, Steam Plant Cleanliness and Steam Valve Carbide Seat Cutter, Reactor Plant/Steam Plant Cleanliness and Controlled Material for Junior Officers, CMPO, QAS, QAI, CWP Writers and reviewers.

\* USS ABRAHAM LINCOLN (CVN 72) at Everett WA, March 11 – 12, Reactor Plant/Steam Plant Cleanliness and Controlled Material for Junior Officers, CMPO, QAS, QAI, CWP Writers and reviewers.

\* New London Operating Unit Training, March 18 – 22. Selected Welding and NDT for Supervisors, TWD Format, SUBSAFE, Testing, Nuclear/Non-Nuclear Interface.

\* Kings Bay Operating Unit Training March 25 – 29. Steam Valve Carbide Seat Cutter with Steam Plant Cleanliness and TWD Format.

\* NPTU Charleston, April 22 – 26. Silver-brazing refresher hands-on training.

\* USS THEODORE ROOSEVELT (CVN 71), April 29 – May 3. Primary Valve Operator Training.

\* Nuclear Trade Skills Course 02-2 graduated April 26 with a full class of six. Attendees are reporting to various commands; NPTU (1), NRMD New London (2), NRMD Norfolk (1) and USS EMORY S. LAND (2).

## **QUALITY NOTES**

*Gerry Dodd*

The FMSB Quality Notes are now on the NRWAN (SECNET) in PDF Format. Go to NNPP Web>Organizations>Norfolk Naval Shipyard>Fleet Maintenance Support Branch>Quality Notes.

## **PRIMARY VALVE CLEANLINESS PLUG**

*John Henderson*

FMSB is currently working with PSNS to develop an FME cleanliness plug for the B-ports of manually operated standard naval nuclear valves. In the past, activities had to locally fabricate B-port cleanliness plugs, which was time consuming and somewhat costly. The PSNS design will reduce the cost per valve repair, and eliminate the need to locally manufacture the B-port cleanliness plugs. PSNS recently provided FMSB with the prototype plugs for various sizes of valves. They are being tested for ease of insertion and their effectiveness to maintain cleanliness. FMSB expects the new cleanliness plugs to be available for purchase from the Navy Supply System later this year. The plugs will also be included with the appropriate carbide cutter seat repair tool kits for standard naval nuclear valves.

## **LOCKING CABLE**

*John Henderson*

FMSB is currently working with Bechtel Plant Machinery Inc. (BPMI), Pittsburgh and a contractor to kit locking cable tools and materials that will eventually be issued to various fleet repair activities and ships. Locking cables are a NAVSEA approved alternative to lockwire for all applications where technical requirements require the use of lockwire.

The contractor is working to improve the design of the 0.062-inch locking cable tool. FMSB recently obtained the latest proposed prototype tool and applied it to many different component configurations. With the exception of a few minor design comments, the tool performed satisfactorily.

When all changes have been incorporated into the tooling kit, the kit will be available to fleet activities. No definitive date has been set, but FMSB expects the kits to be available sometime early in fiscal year 2003.

## **MASTER INDEX**

*Jim Null*

<b>TOPIC</b>	<b>VOLUME</b>
Acid Brushes	7 & 10
BTSLP	1, 6, 11
CAML	13
Cert Sign Requirements	7
Cleanliness, LP carbide seat cutter	3 & 2
Cleanliness Plugs	4, 10, 12, 13, 15
CTTM	1
Cutting Tool Standardization	8, 11, 13
Electric Drive	7 & 11
Fasteners	9
Graphitic Packing	3
Locking Cable	9
LP Carbide Seat Cutter	6
LP Carbide seat cutter AEL	2
Material Control Changes	6
Packing, primary	7
Packing, CAML	7
Packing, steam valve	7
Planners Handbook	8 & 9
Primary valve torque	5
PVO Training	6, 11, 15
QA Form 10	9
Quality Notes	1, 12, 13, 15
RPFW Anode Plug	9
Seat Leakage	1
SUBSAFE SMICs	9
Training valves	1 & 8

Previous issues or articles are available by visiting the FMSB WebSite or contacting FMSB by phone or e-mail. (POC Jim Null)

## **UPCOMING TRAINING**

*Jim Null*

FMSB is scheduled to conduct the following training:

- \* Norfolk Area Operating Unit Training, May 29 – 30, at Miller Hall. Topics will be Technical Work Document Formatting and Issue with workshops. POC: SSSU LCDR Dave Chapman, (757) 444-1281, X-4096. CNAP LT Greg Cleckler, (757) 445-2597
- \* Pearl Harbor Operating Unit Training. Date TBD. Topics TBD. POC: SSSU LT Mike Snider (808) 473-1675
- \* San Diego Operating Unit Training. Date TBD. Topics TBD. POC: CNAL ENS Jaime Ward (619) 767-7364, CSS-11 LT Calvin Catoe (619) 553-8735.

## **WELCOME TO JEFF SMITH**

Jeff Smith has recently joined FMSB after being in Norfolk Naval Shipyard Centralized Training for five years. Prior to his assignment in training, he was a pipefitter for twelve years. Jeff will be an instructor in both Nuclear and Propulsion Plant Trade Skills.

## **FUTURE ARTICLES**

*Jim Null*

If you have a question or article of interest for *The FMSB Newsletter*, please let us know. We will conduct the research. Request deadline for the next issue is August 3, 2002. Write, E-mail, or call FMSB.

## **DETAILERS**

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

**Nuclear Planners Course (NPC)**  
CANTRAC S-661-1022: ETCM (SS) Walker,  
p403cd@persnet.navy.mil, (901) 874-3627,  
DSN 882-3627, FAX (901) 874-2638.

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

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

**Propulsion Plant Trade Skills Course (PPTSC)**  
CANTRAC S-661-1026 MMC (SS) Nystrom,  
p403cg@persnet.navy.mil, (901) 874-3628,  
DSN 882-3628.

**NORFOLK NAVAL SHIPYARD  
FLEET MAINTENANCE SUPPORT  
BRANCH CODE 2380.3, BUILDING 276  
PORTSMOUTH VA 23709-5000  
FAX (757) 393-7120  
(DSN 961-1185 + last five digits)**

Mike Hardison - Supervisor  
HardisonJM@nnsy.navy.mil, (757) 393-7027  
Tom Batts - Valve Replacement, PVO,  
BattsTW@nnsy.navy.mil, (757) 393-7124  
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, pipe-  
fitting, EstridgeMC@nnsy.navy.mil, (757) 393-7186  
John Henderson - Valve Repair, PVO, Trade Skills,  
HendersonJL@nnsy.navy.mil, (757) 393-7131  
Ken Korpanty - Cutting Tools,  
KorpantyKR@nnsy.navy.mil (757) 393-7112  
W. T. Mitchell - Basic Trade Skill Lesson Plans,  
MitchellWT@nnsy.navy.mil, (757) 393-7039  
Jim Null - On-site Training and Sponsorship, PVO  
NullJL@nnsy.navy.mil, (757) 393-7042  
Al Pendleton - LARs, Plant Conditions and Effluent Collection  
pendletonJA@nnsy.navy.mil (757) 393-7189  
Mark Rice - Trade Skills, valve replacement, pipe fitting  
RiceME@nnsy.navy.mil, (757) 393-7187  
Jeff Smith - 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  
Beverly Verble - Course Scheduling  
VerbleBS@nnsy.navy.mil, (757) 393-7144  
Hod Verble - Reactor/ Steam Plant Cleanliness, Material  
Control, VerbleHL@nnsy.navy.mil, (757) 393-7139

**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.**

## **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

**REQUEST WIDEST DISSEMINATION WITHIN THE REPAIR/TRAINING ORGANIZATION OF YOUR ACTIVITY**