

The FMSB Newsletter

CHANGE AT 08

For several years, the FMSB has had the pleasure of working with Ms. Pat Durako at NAVSEA 08. She will be retiring in December 2000. FMSB capabilities and fleet maintenance practices have greatly improved on her watch. We wish her "Fair Winds and Following Seas". She has been a great asset to the fleet by supporting the FMSB.

LOCKING CABLE

There is a replacement device for lockwire. During most FMSB classes we have been demonstrating the locking cable device. Feedback from the users is that locking cable is a great improvement. Locking cable is acceptable for most lockwire applications controlled by NAVSEA 0989-150-0000 and MIL-STD-763G. Locking cable is much faster and easier to apply than the conventional twisted wire. (POC Chuck Davis)

HANCOCK & WUNDER HAVE MOVED ON

Two of the FMSB staff have changed jobs within NNSY. Both John Hancock and Tom Wunder have elected to move to the Nuclear Testing Division. John is requalifying as a Shift Test Engineer and Tom will be assigned to work control. Good luck to both! Their areas of expertise continues to be covered by others in the FMSB. (POC Jim Null)

FUTURE ARTICLES

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 January 19, 2001. E-mail, write, or call FMSB. (POC Jim Null)

QAOC AND NPC COURSES

The 00-2 Nuclear Planners Course graduated 10 students on July 31, 2000. The NPC graduates went to CVNs (6), Submarine Tenders (2), NPTU (1) and NSSF New London (1). QAOC 01-1 started 17 October with 10 students. The class graduates 16 November. Trade Skills Course 01-1 started 11 October with 6 students. The class graduates 21 November. Contact your detailer early to obtain a billet in NPC, QAOC or TSC. The schedule for FY 01 classes is provided below. Please note that the QAOC 01-2 has increased by one day and the TSC 01-4 has been canceled. (POC Beverly Verble).

Nuclear Planners Course

NPC 01-1 24 Jan - 27 Feb 2001

NPC 01-2 31 Jul - 31 Aug 2001

Quality Assurance Officers Course

QAOC 01-2 24 Apr - 24 May 2001*

Trade Skills Course

TSC 01-2 09 Jan - 16 Feb 2001

TSC 01-3 03 Apr - 11 May 2001

TSC 01-4 is Canceled

*Added 1 Day to QAOC 01-2

NNSY GALLEY REVISED DATE

The NNSY galley will be closed for renovation until 04/01. Students attending NNSY courses will be authorized COMRATS. There are limited eating facilities within walking distance of FMSB during class hours. There are no eating facilities within walking distance of NNSY after hours. It is recommended that a rental car/POV be authorized for students until the galley is opened. (POC Jim Null)

ON-SITE TECHNICAL TRAINING

Here is an overview of the on-site technical training conducted by FMSB during the last three months: NSSF New London Freeze Seal Training (14 attendees) in August; USS JOHN C. STENNIS (CVN 74) (29 attendees) Steam Plant Cleanliness, LP Carbide Seat Cutter, and valve packing in September. FMSB is working with the Type Commanders and Submarine Squadron Material Officers to define dates and topics for the FY01 Operating Unit Training. When these dates and topics are firmed up, we will put the information in *The FMSB Newsletter*. If your command desires on-site training in Propulsion Plant maintenance, contact FMSB. (POC Jim Null)

NON-NUCLEAR PROPULSION PLANT TRAINING & TECHNICAL ASSISTANCE

Beginning with the Operational Unit Training (OUT) sessions this year and continuing next fiscal year with OUT visits and FMSB courses, FMSB has been allowed to expand our technical assistance to the fleet into non-nuclear propulsion plant areas. With our upcoming Quality Assurance Officers Courses, Nuclear Planners Courses, and Trade Skills Courses, we will begin integrating non-nuclear maintenance and quality assurance requirements. With the planned OUT visits in FY01, FMSB will also request feedback from the applicable activities for non-nuclear topics on which they wish to have training. Some of the areas we are focusing on are non-nuclear material control, testing, steam plant cleanliness, welding/NDT, URO/MRCs, NSTM requirements, and other technical reference requirements. It will take feedback and input for you fleet guys on where we should focus most of our effort. The process may be slow in building our non-nuc expertise but fortunately most concepts from nuclear to non-nuclear are closely related and, in fact, the differences between the two are becoming increasingly smaller as technical requirements are being consolidated. (POC Jim Null)

NEW FMSB INITIATIVES

FMSB has developed a Quality Assurance course for NPTU Quality Assurance Officers and Supervisors. The NPTU QA course will be conducted at FMSB in January 2001. This two week course is designed especially for NPTU QA Staff and will cover in abbreviated form many of the topics currently taught in QAOC.

The April 2001 QAOC is being extended by one day and revised to have a more even mix of nuclear and non-nuclear information. The main topics having non-nuclear information incorporated are welding, NDT, material control, cleanliness, testing, reference documents, and SUBSAFE (URO/MRC).

FMSB has been tasked to develop and conduct a Propulsion Plant Trade Skills Course (PPTSC). This course will teach the basic skills required for propulsion plant maintenance such as, flange and union joint make-up, steam plant valve repair, valve packing replacement, socket-weld component replacement, and pipe repair using ESP fittings. Five PPTSCs will be conducted in FY 02.

The FMSB Basic Trade Skills Lesson Plans (BTSLP) will be converted to Computer Aided Maintenance Lessons (CAML) during the next three years. Using a compatible computer, fleet personnel will be able to review and learn a basic trade skill module at their own pace. These modules can also be used for refresher training. Each module will include text, graphics, and videos to make the information more user-friendly.

FMSB is currently writing a portion of the maintenance class to be added to the Submarine Officers Advance Course (SOAC) taught in New London, CT.

The Primary Valve Operators (PVO) Course is complete and plans are to teach the first class in December or January. The course is now listed in CANTAC as course #S-661-0016. No quotas have been established so you should go through the applicable Type Commander or call FMSB, Phil Doyle or Beverly Verble. (POC Jim Null)

FMSB TELCON

The FMSB is available to assist in resolving technical problems. To speed up the process when contacting FMSB, we have provided a TELEphone CONversation questionnaire/form on the next page. Make copies of the original and keep it. Please fill in the applicable blocks of the copy before you call. You can also e-mail or fax the form to us. Please provide any recommendations or suggestions for improving the form. This form will help us quickly get the subject matter expert involved in responding to your question. (POC Tim Tew)

SUBSAFE SMICs CHANGED

As of 1 August 2000, SUBSAFE SMICs "SS" and "SB" were re-identified to SMICs "L1" and "C1" respectively. SMICs "SS" and "SB" will no longer be used to identify NSNs as SUBSAFE. Existing "L1" and "C1" SMIC NSNs will continue to carry SMIC "L1" and "C1". Material with SMIC "L1" and "C1" can be used in SUBSAFE applications. As has always been the case with material being used in the SUBSAFE boundary, care should be taken to ensure any NSN used is appropriate for the specific application. (POC Hod Verble)

RPFW ANODE PLUG

A Quality Deficiency Material Summary (QDMS) was issued November 1999 regarding on-board stock of RPFW Anode Plugs being issued without an attached Ready for Issue (RFI) tag. (POC Hod Verble)

USE OF QA FORM 10

This is the second installment of the FMSB Planners Handbook.

The QA Form 9 is the cover sheet for all controlled work packages (CWPs). The QA Form 10 was originally designed to continue Block 13 of the QA Form 9 (properly identify total scope of work required for certification). The purpose of the QA-10 has been updated in the Joint Fleet Maintenance Manual (JFMM). Now the QA-10 is also used for continuation of blocks 12, 14, and 16 of the QA-9 and to document any necessary rework.

The size of blocks 13, 14, and 16 on the QA-9 has been increased. Sometimes there is still not enough space to properly follow the JFMM instructions and provide all the information required in each block. Shrinking the font size to minimum is not the best answer.

The QA-10 provides the perfect place for a clearly illustrated locally prepared joint identification drawing (JID) (Block 12/14 continuations). This JID must be retained as objective quality evidence (OQE) so what better place than on the QA-10? Why not use the additional space on the QA-10? Any of the QA-9 blocks could read, "See attached QA-10." Then fully explain each block on the QA-10.

Finally, what about rework on a maintenance task that is in progress? If it becomes necessary to rework a process or steps, all rework must be documented. The QA-10 is the perfect place to list those steps that must be approved and then reworked. (POC Tim Tew)

FASTENER SPECS

Threaded fasteners are getting a lot of attention. Black oxide coated brass threaded fasteners have been found installed in the wrong places, even in new components. These fasteners do not have the strength of steel fasteners. "What is the requirement"? Check the drawing, manual, or instructions. (POC Jim Null)

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

DETAILERS

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

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

QAOC (CANTRAC S-4H-0001): Pat Bell, p422s@persnet.navy.mil, (901)874-3936, DSN 882-3936, Fax (901)874-2648.

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

NNSY CODE 138 WELDING & NDT

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

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

Mike Hardison - Supervisor (757) 393-7027
 HardisonJM@nnsy.navy.mil
 Tom Batts - Valve Replacement, PVO
 (757) 393-7124 BattsTW@nnsy.navy.mil
 Chuck Davis - Trade Skills, Valve Repair,
 (757) 393-7185, DavisCE@nnsy.navy.mil
 Gerry Dodd - Quality Notes, Freeze Seals, Training Valves,
 Mock-ups
 (757) 393-7125 DoddGA@nnsy.navy.mil
 Phil Doyle - Technical Manuals and Drawings, PVO
 (757) 393-7141 DoylePJ@nnsy.navy.mil
 Butch Estridge - Trade Skills, valve replacement, pipe fitting,
 (757) 393-7186 EstridgeMC@nnsy.navy.mil
 John Henderson - Valve Repair, PVO, Trade Skills
 (757) 393-7131 HendersonJL@nnsy.navy.mil
 Ken Korpanty - Cutting Tools (757) 393-7112
 KorpantyKR@nnsy.navy.mil
 W. T. Mitchell - Basic Trade Skill Lesson Plans (757) 393-7039
 MitchellIWT@nnsy.navy.mil
 Jim Null - On-site Training and Sponsorship, PVO
 (757) 393-7042 NullJL@nnsy.navy.mil
 Mark Rice - Trade Skills, valve replacement, pipe fitting, (757) 393-7187, RiceME@nnsy.navy.mil
 Tim Tew - FWP/CWPs, ShipAlts, JFMM
 (757) 393-7140 TewTN@nnsy.navy.mil
 Beverly Verble - Course Scheduling (757) 393-7144
 VerbleBS@nnsy.navy.mil
 Hod Verble - Reactor Plant/ Steam Plant Cleanliness, Material Control (757) 393-7139 VerbleHL@nnsy.navy.mil

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.

APPLICABLE CLASSIFICATION

FLEET TELEPHONE CONVERSATION INPUT TO FMSB

Conversation Initiated By	Activity	Division	Date	Time	Telephone No.
Component/system/part					

Subject:

BRIEF DESCRIPTION OF THE PROBLEM:

.....
.....

REFERENCES: **Technical Manual, Drawing, etc.**

.....
WHAT IS THE COMPONENT/PART MATERIAL? MONEL, NICRFE, STAINLESS

.....
ID/MODEL/SERIAL NUMBER:

.....
WHAT AGENCY/ORGANIZATION IS COGNIZANT OVER THIS SUBJECT AREA/ COMPONENT/SYSTEM/PART?

.....
HAVE YOU CONTACTED THE COGNIZANT AGENCY?

.....
IS/HAS WORK STOPPED?

.....
HOW WAS THE PROBLEM FOUND?

.....
DO YOU NEED A SPECIAL TOOL/EQUIPMENT MADE/SHIPPED?

.....
WHAT IS THE EXTENT OF ANY DAMAGE?

.....
WHEN DO YOU NEED AN ANSWER/GUIDANCE?

.....
IS THERE A TIME CONSTRAINT OF SOME KIND? (UNDERWAY, EVOLUTION, TECHNICAL LIMIT)

.....
DO YOU HAVE A COURSE OF ACTION THAT IS ALLOWED BY TECHNICAL SPECIFICATIONS AND GUIDANCE?

.....
WHAT WOULD YOUR COMMAND LIKE TO DO ABOUT THIS PROBLEM? SHORT TERM (TECHNICAL SOLUTION) AND LONG TERM (TRAINING?)

.....
FMSB POC: **PHONE:** (757) 393-..... **FAX:** (757) 393-7120