

NAVSEA  
STANDARD ITEM

FY-21

ITEM NO: 009-109  
DATE: 01 OCT 2017  
CATEGORY: I

1. SCOPE:

1.1 Title: Non-SUBSAFE Work on SUBSAFE-Certified Vessel; accomplish

2. REFERENCES:

2.1 0924-LP-062-0010, Submarine Safety (SUBSAFE) Requirements Manual

2.2 0905-LP-485-6010, Control of Testing and Ship Conditioning

2.3 S9510-AB-ATM-010, Nuclear Powered Submarine Atmosphere Control Manual

2.4 Joint Fleet Maintenance Manual (JFMM)

3. REQUIREMENTS:

3.1 Provide a written training plan for accomplishing non-SUBSAFE work on SUBSAFE-certified vessels, using 2.1 through 2.3 and Volume IV, Chapter 10 of 2.4 for guidance.

3.1.1 Submit one legible copy, in approved transferrable media, of the training plan to the SUPERVISOR no later than 15 days prior to availability start date.

3.1.2 Submit revisions to the training plan to the SUPERVISOR for review and acceptance prior to use.

3.1.3 Implement the approved training plan prior to commencement of non-SUBSAFE work on SUBSAFE-certified vessels.

3.2 Train all personnel (including subcontractors) assigned to perform work on SUBSAFE-certified vessels in accordance with the approved training plan of 3.1 prior to start of work.

3.2.1 All personnel must have direct knowledge of work control procedures, be able to recognize and initiate alarms, be familiar with actions to be taken to evacuate the vessel, and reporting submerged safety draft marks.

3.2.2 Submit one legible copy, in approved transferrable media, of a list of qualified contractor and subcontractor personnel to the SUPERVISOR no later than 15 days prior to start of work. The list must include company name, badge number, and date training was provided, along with certification documentation showing that training requirements have been met.

3.2.2.1 Submit updates to the list as changes occur throughout the availability.

3.3 Accomplish a joint on-site brief and walkthrough of the work site with the SUPERVISOR and the Commanding Officer's designated representative prior to start of work.

3.3.1 Include identification of SUBSAFE components and/or systems located in the area of work, components and/or systems which may be affected by the work, and lessons learned from previous or similar work. Include identification of Unrestricted Operations (URO) Maintenance Requirement (MRC)-related equipment located in the area of work.

3.3.2 Ensure that URO MRC-measured parameter is not violated. (See Volume V, Part-I, Chapter 5 of 2.4.)

3.4 Maintain approved written instructions for accomplishing non-SUBSAFE work on the work site at all times.

3.4.1 Do not accomplish work or disturb any system or component without specific approved written instructions for accomplishing non-SUBSAFE work.

3.5 Prohibit the following items from being brought onboard any nuclear-powered vessel or nuclear support vessel:

3.5.1 Any mercury bearing equipment such as mercury thermometers, portable fluorescent lights, black lights or any other items containing mercury.

3.5.2 Nickel-Cadmium fasteners.

3.5.3 Any device that contains a source of radioactivity.

3.5.4 Bright yellow tools, bags, or equipment.

#### 4. NOTES:

4.1 The SUBSAFE program is a certification program implemented by NAVSEA to ensure strict work controls, material controls, and testing to verify submarine system integrity and prevent loss of submarine personnel and equipment.

4.2 The URO MRC program was developed by NAVSEA to monitor specific areas of interest to determine if the conditions of these areas are suitable for continued unrestricted operations.

4.2.1 URO MRC Manuals:

4.2.1.1 T9081-AD-MMO-010 & 020 (SSN 21 Class)

4.2.1.2 0924-LP-064-8010 (SSN 688 Class)

4.2.1.3 T0700-AA-PRO-010 (SSBN/SSGN 726 Class)

4.2.1.4 T9081-AE-MMO-010 (SSN 774 Class)