

27 September 2011

SERMC CODE: 900

Waterfront Maintenance Note Number 18

MK 41 VLS Deluge System Water Treatment and Deluge Valve Overhaul

- Ref:
- (a) IMS NO. 4710-5982374-1 REV d, Deluge System Water Treatment
 - (b) IMS NO. 4810-5497337-3 REV j, Deluge Valve Overhaul
 - (c) OPNAVINST 5100 series
 - (d) MIP 7211/015, MRC 60M-1, Overhaul VLS Deluge System
 - (e) MIP 7211/U01, MRC U-G6, Fill/Charge Deluge System
 - (f) MIP 7211/015, MRC R-8, Secure Deluge System
 - (g) MIP 7211/U01, MRC U-A5, Replace Deluge Valves
 - (h) Shipboard CSOSS Procedures

1. Purpose: To establish procedures for scheduling and accomplishment of MK 41 VLS Deluge Valve Overhaul and Deluge System Water Treatment, IAW Refs (a-g).

2. Background: SERMC Ordnance Code 954 is capable of conducting deluge valve overhaul and water treatment IAW Ref (f). This procedure is authorized for use on the MK41 Vertical Launching System (VLS), in normal situations **without** ordnance present.

Note: There can be special circumstances in which this maintenance needs to be performed with ordnance onboard. However, in this case, the maintenance shall only be coordinated, directed and accomplished under strict supervision of a NAVSEA certified MK41 VLS Test Director/System Maintenance Technician.

3. Procedure: The following is a listing of responsibilities during the procedure:

a. Ship's Force (S/F) shall:

(1) Submit two (2) 4790/2Ks requesting SERMC to conduct deluge valve overhaul and water treatment IAW Ref (d).

Sample 4709/2Ks:

***"Deluge valve overhaul required by MRC 7211/015 60M-1R
XXX SERMC Code 954 overhaul valves. (Note: Maximum of eight valves per 4790/2K)"***

***"Deluge System Water Treatment required by MRC 7211/015 60M-1R
XXX SERMC Code 954 conduct water treatment."***

(2) Contact SERMC Code 954 for coordination and guidance prior to starting any work.

(3) Provide full S/F work center personnel support during all phases of the deluge system overhaul.

(4) Depressurize and drain deluge system IAW Ref (f).

(5) Remove deluge valves from launcher(s) IAW Ref (g), and deliver to SERMC Code 954 for overhaul.

(6) After completion of Ref (a), Parts I and II , and Ref (b), install deluge valves IAW Ref (g).

(7) After full completion of Ref (a) and (b), return equipment to current readiness condition IAW Ref (e) and (h).

b. SERMC shall:

(1) Perform Deluge Valve overhaul and Deluge System Water Treatment IAW Ref (a) and (b).

(2) Conduct briefing with S/F personnel and chain of command to discuss Deluge Valve overhaul, Deluge System Water Treatment, work schedule, required support, and applicable MRC cards required to conduct the water treatment.

(3) Provide one copy of the DATA sheets electronically to crna-smis@navy.mil utilizing appropriate PDF file.

4. Points of Contact: For further guidance and information, contact SERMC (code 954) at 904-270-5126 x3115 or x5824.