

3 October 2011

SERMC CODE: 200

Waterfront Maintenance Note Number 15

76 mm Gun ISMAT/ISMEP Procedure

- Ref:
- (a) Work Center PMS Manual
 - (b) MIP 7111/005 A-5 Schedule ISMAT and ISMEP
 - (c) MIP 7111/005 U-2 Replenish Fluid Levels
 - (d) MIP 7111/005 R-6 Preoperational Inspection
 - (e) ICMP Task Q-71111-008 / Intermediate Maintenance Standard (IMS) form 7111-201 017 ISMEP
 - (f) ICMP Task Q-71111-009 / Intermediate Maintenance Standard (IMS) form 7111-201 018b ISMAT
 - (g) SW314-A0-MMI-010, Maintenance Manual for 76mm/62 caliber gun mount, MK75 mods 0 and 1, Intermediate Maintenance Standard (IMS).

1. Purpose: To establish procedures for scheduling and conducting In-Service Mechanical Adjustments and Timing (ISMAT) and In-Service Motor Evaluation Program (ISMEP) for the 76mm MK 75 Gun Mount IAW refs (a-g).

2. Background: IAW ref (b), (e) and (f), an ISMAT and ISMEP is required to be conducted annually. ISMAT focuses on all moving parts of the MK 75 76mm Gun Mount and requires 80 man/hours (2 techs, 40 m/h each) to complete. ISMEP focuses on all the motor parts of the MK 75 76mm Gun Mount and also requires 80 man/hours (2 techs, 40 m/h each) to complete.

3. Procedures:

a. Ships Force (S/F) shall:

(1) Coordinate ISMAT/ISMEP with SERMC points of contact listed below. ISMAT/ISMEP is a scheduled ICMP task with automatically generated 4790/2K so no action is required by ship's force to enter jobs. ISMAT and ISMEP do not have to be conducted successively, however, SERMC highly recommends that that S/F schedule successively if possible.

(2) Dedicate at least one qualified Mount Captain exclusively to the SERMC ISMAT and ISMEP team.

(3) Perform maintenance outlined in ref (c) 24 hours prior to ISMAT/ISMEP team arrival.

(4) Carefully schedule tasks to ensure there are no conflicting evolutions scheduled concurrently (i.e. inspections, power outages, non-skidding).

(5) Perform maintenance outlined in ref (d) prior to SERMC ISMAT/ISMEP team arrival each day.

b. SERMC shall:

(1) Conduct ISMAT/ISMEP IAW ref (b) and (g) with ship's force personnel.

(2) Upon completion of ISMAT/ISMEP provide refs (e, f) to the ship's Commanding Officer for inclusion in the Combat Systems smooth log.

4. Points of Contact: For further guidance and information, contact SERMC MK75 Gun Field Service Rep at (904) 270-5126 x5834, x5832 or x3247.