

## Chapter 3: MLSS and PC-SAL

### 3.0 MARAD Management Information Systems

The following chapter briefly describes the current information systems used by the RRF to manage vessel configuration and spare part inventories.

### 3.1 MARAD Logistic Support System

The MARAD Logistics Support System database (referred to as MLSS) is the official repository of all RRF logistics data. MLSS contains data on:

- a. The equipment configuration of RRF vessels
- b. RRF shipboard spare parts, technical manuals and Accountable Property
- c. Excess property
- d. Spare parts and equipment stored in the three Shore-Based Spares (SBS) warehouses.

Other subordinate modules, such as PC-SAL and the Shore Based Spare Module transmit information into MLSS.

When fully implemented, MLSS will give authorized MARAD users visibility of all RRF spare parts and equipment data via the Internet. It will also provide the user with the capability to sort and view data in a variety of ways.

### 3.2 PC-SAL Module

The PC-SAL (Personal Computer – Shipboard Allowance List) Module of MLSS allows users to access and revise the logistics information of a specific vessel. PC-SAL is installed on all ROS-4 and ROS-5 vessels. These vessels are referred to as having an “active PC-SAL.” Most ROS-10, ROS-20, and ROS-30 vessels do not have PC-SAL installed. These vessels are referred to as having an “inactive” PC-SAL. Until it is required, the information necessary to assemble a PC-SAL is stored in MLSS at MAR-614.

#### 3.2.1 Activating and De-Activating PC-SAL

Upon a request from the Region LMO, MAR-614 will “activate” a vessel’s PC-SAL by forwarding a copy of the vessel’s current logistics database either to the Region LMO or to the Ship Manager. Conversely, when it is no longer required the Region LMO can request that a vessel’s PC-SAL be “de-activated.”

#### 3.2.2 Hardcopy Ship’s Allowance Lists

In the past, vessels were required to maintain a hardcopy Ship’s Allowance List (SAL). PC-SAL obviates the need to maintain this rather large document, and RRF ships are no longer required to retain a hardcopy of the SAL onboard.

### 3.3 Database Reporting Requirements

Ship Managers and maritime academies will forward all equipment, technical manual, inventory, drawing and Accountable Property changes to MAR-614 on a monthly basis. How these changes are reported depends on whether the vessel has an active PC-SAL or an inactive PC-SAL.

#### 3.3.1 Vessels with an Active PC-SAL

Regardless of the Activity Phase of the vessel, each month the Ship Manager of a vessel with an active PC-SAL will either mail a back-up disk, or email a back-up file, to MAR-614. It is understood that mail from Phase “O” vessels will take longer to reach MAR-614 than vessels that have not been activated. An overview of PC-SAL reporting requirements is provided in Table 3-1.

#### 3.3.2 Vessels with an Inactive PC-SAL

As discussed below, vessels with an inactive PC-SAL can transmit database changes to MAR-614 by several different means. Regardless of how these changes are transmitted, the Ship Manager of a vessel with an inactive PC-SAL must report all changes to the vessel’s equipment configuration, spare parts inventory, and Accountable Property within thirty (30) days of the date of the change.



During periods of increased activity, it may be prudent for ROS-10, ROS-20 and ROS-30 vessels to activate the vessel’s PC-SAL to facilitate the entry of a large number of changes. This is especially true of ships that are activated for periods of more than 30 days. Once the activation is complete, the Ship Manager, via the LMO, can request that the ship’s PC-SAL be de-activated.

**3.3.2.1 Update MLSS via the Web.**

When completed MLSS will allow authorized users with inactive PC-SALs to make changes to MLSS via the Internet.

**3.3.2.2 Manual Submission of Database Changes to the Region LMO**

Although not the preferred option, if changes can not be submitted via the Internet, Ship Managers may submit changes to the Region LMO using the following forms. The LMO will then coordinate the update of MLSS.

- a. Inventory Transaction Report, MA-973. Changes to RRF inventory balances can be reported to the region LMO on an MA-973.
- b. Equipment Validation Aid, MA-983. Changes in Configuration can be reported to the region LMO via an MA-983.
- c. Inventory Sheet for Controlled Material, MA-997. Changes in Accountable Property can be reported to the region LMO via an MA-997.

Appendix C provides a complete list of logistics forms used by RRF vessels. A copy of each form is provided in the back of the manual.

**3.4 Codes used by MLSS and PC-SAL**

To assist the user, some of the more significant codes used by MLSS, PC-SAL and RECSMIS have been included as appendices to this manual:

- a. Appendix D describes how MARAD equipment numbers are assembled and lists all the current MARAD Equipment Group Codes (EGC)
- b. Appendix E lists System Application Codes (SAC)
- c. Appendix F lists unit of issue codes
- d. Appendix G lists Condition Codes

System	Reporting Requirement
Active PC-SAL*	Monthly via email or PC-SAL back-up disk
Inactive PC-SAL	The Ship Manger must report all changes within 30 days of the date of the change. Changes can be submitted via: <ul style="list-style-type: none"> <li>• Web Access (when available)</li> <li>• Mailed to the region LMO</li> </ul>

\*Includes vessels in Phase “O.”

**Table 3-1:** PC-SAL reporting requirements