Hazardous Material Reduction Overview

Consolidated Hazardous Material (HAZMAT) Reutilization Inventory Management Program (CHRIMP)

Hazardous Material Control & Management (HMC&M) Program was established in 1989 by CNO. In support of this program the Consolidated Hazardous Material Reutilization and Inventory Management Program (CHRIMP) was developed. CHRIMP is *a successful methodology to achieve life-cycle HMC&M and pollution prevention at the command and facility levels. The objectives of CHRIMP include:*

- Achieving life-cycle control and management of HAZMAT
  - Through the application of sound material management practices
- Reducing the amount of HAZMAT
  - Procured
  - Stocked
  - Distributed to work centers
  - Reduced excess HAZMAT off-loaded resulting in HAZWASTE

Benefits of Full CHRIMP implementation include:

- Increased personnel safety
- Improved response to damage control incidents
- Environmental protection
- Minimize cost through control of acquisition, storage, and disposal of used/excess of HAZMAT while maintaining operational readiness

CHRIMP enables compliance with a broad range of Federal, State and local environmental rules and regulations by mandating procedures to control, track, and reduce the variety and quantity of HAZMAT in use, both ashore and afloat.

Planned Maintenance System (PMS) HAZMAT Minimization/Substitution Program

PMS HAZMAT Minimization/Substitution Program provides the resources necessary to conduct engineering reviews of existing and newly developed Maintenance Requirement Cards (MRCs). The goal of this program is to reduce or eliminate the use of HAZMAT, per Executive Order 13148 and OPNAVINST 5090.1B.

Additionally, this program will:

- Reduce hazardous waste generation
- Increase the use of environmentally preferable materials where applicable
- Improve Ship’s Force safety and health
- Ensure the effectiveness of the PMS system by reviewing the MRCs to ensure only the necessary hazardous material required for the maintenance action is clearly identified.
- Provide In-Service Engineering (ISE) support to review and categorize hazardous materials targeted during the Surface Ship Maintenance Effectiveness Review (SURFMER) review cycle

Naval Surface Warfare Center Carderock Division (NSWCCD) Philadelphia, Code 635 is the designated ISEA for all HAZMAT issues on surface ship’s Hull, Mechanical and Electrical and Combat Systems Maintenance Index Pages (MIPs). This responsibility involves responding to Fleet submitted PMS Technical Feedback Reviews (TFBRs).