

Plastics Removal in the Marine Environment (PRIME)

What is PRIME?

The PRIME Program focuses on reducing consumable plastic commodities aboard U.S. Navy ships to decrease plastic waste handling and processing. The program was instituted to comply with U.S. Public Law and the Marine Pollution (MARPOL) Treaty that bans oceangoing vessels from disposing of plastics in the marine environment.



Typical shipboard commodities include: drink bottles, candy wrappers, shrink wrap, packages, yogurt cups and lids, and snack bags and wraps.

How does the PRIME Program Work?

- Conforms to international, federal, state and local environmental laws and regulations which protect our natural resources
- Collaborates with other Services on Research and Development (R&D) for marking biodegradable materials
- Cooperates with other agencies to reduce excess plastic packaging through contract provisions
- Reviews governing specifications and ordering data
- Investigates the commercial marketplace for new non-plastic materials and products
- Identifies alternatives to plastics through the Naval Supply Systems Command (NAVSUP) Publication 602 Rocket Guide for Plastic Free Products+

PRIME Benefits

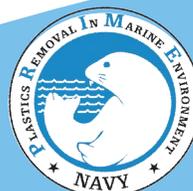
- É Promotes ordering of non-plastic substitutes
- É Minimizes plastics used in packing, packaging, and marking material
- É Decreases plastic waste
- É Lowers disposal costs
- É Protects the marine environment



Plastic Waste Processor melts and condenses plastic waste to increase onboard storage capacity



U.S. NAVY PHS&T
packaging handling storage and transportation



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