



Acquisition Directorate

MISSION EFFECTIVENESS PROJECT

Mission execution begins here.

PROJECT DESCRIPTION:

The Mission Effectiveness Project (MEP) improves performance of the Coast Guard's in-service cutters. The project is an integral part of the service's sustainment efforts for its aging surface assets until new assets are delivered. MEP has four objectives:

- Sustainment of capabilities;
- Replacement of obsolete, unsupported or maintenance-intensive equipment;
- Completion of major maintenance; and
- Standardization of configuration items.

The Coast Guard's 270-foot Medium Endurance Cutters (WMECs) are scheduled to finish MEP early 2014, the 210-foot WMECs are scheduled to finish 2012; the 110-foot Island Class patrol boats are scheduled finish MEP in 2013.



FEATURES:

- Reduces the cost to maintain and operate in-service vessels by lessening the number of casualties experienced by an aging fleet.
- Replaces obsolete and increasingly unsupported systems to improve reliability and reduce future maintenance costs.
- Ensures the refurbished cutters can perform assigned missions until new cutters are delivered.
- Replaces hull plating, tanks, piping and electrical wiring and renews decks, living quarters and engineering systems.
- Replaces hard-to-maintain equipment, such as refrigeration units, air conditioning, evaporators and boat davits to help improve operational readiness and quality of life for crew members.
- Utilizes crew rotations via multi-crewing on operational cutters to minimize lost operational hours during extended MEP availabilities.