



# 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 integral to sustaining the service’s aging surface assets until new ships are delivered.

MEP has four objectives:

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

The Coast Guard’s 210-foot Medium Endurance Cutters (WMECs) completed MEP in early 2012. The 270-foot WMECs are scheduled to finish in 2014. The 110-foot Island-class patrol boats are scheduled to finish in 2013.

For updates on the MEP, visit the project’s website at <http://www.uscg.mil/acquisition/MEP/>.



Coast Guard Cutter Diligence (WMEC 616)

## 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 unsupportable 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 improve operational readiness and quality of life for the crew
- Uses crew rotations via multi-crewing on operational cutters to minimize lost operational hours during extended MEP refurbishment