



Acquisition Directorate

RESPONSE BOAT-MEDIUM

Mission execution begins here.

PROJECT DESCRIPTION:

The Response Boat-Medium (RB-M) replaces the aging fleet of 41-foot utility boats with improvements in performance, crew efficiency and operational availability. The RB-M project has focused on incorporating the input of operational commanders into developing a more capable platform. Significantly increased speed will improve response time for all missions, while the human systems engineering design approach will decrease crew fatigue on extended searches and ports, waterways and coastal security patrols. The RB-M is the third initiative in the Response Boats 2010 strategic vision and transition plan aimed at standardizing and revitalizing the Coast Guard's shore-based response fleet. The first RB-M was delivered to Station Little Creek, Va., in April 2008.



FEATURES:

- Deep V, double-chine hull form for a balance of speed and stability in various conditions
- All-aluminum construction
- Twin diesel engines with waterjet propulsion—no propellers beneath the boat makes it safer to retrieve someone from the water and protects the engines from debris
- Prominent fendering, allowing the boat to come alongside without risk of damage from bumping or shifting, which frees the crew for other tasks
- Self-righting stability (intact)
- Port, starboard and aft recovery platforms, making recovery operations safer and more effective
- Fore and aft weapons mounts
- Pilothouse with shock mitigating seats for four crew for greater comfort and endurance for the crew
- Survivor's compartment with seating for five

CHARACTERISTICS:

- Number Planned:** 180
- Length, Overall:** 44 feet 10.5 inches
- Beam, Overall:** 14 feet 7.75 inches
- Draft, Full Load:** 3 feet 4 inches
- Displacement:** 36,500 pounds
- Speed:** 42.5 knots
- Range:** 250 nautical miles at 30 knots
- Towing:** 100 tons
- Mission Limits:** 8-foot seas, 30-knot winds
- Survivability Limits:** 12-foot seas, 50-knot winds