



Acquisition Directorate

RESPONSE BOAT- MEDIUM

PROJECT DESCRIPTION:

The Response Boat-Medium replaces the aging 41-foot utility boat with improvements in performance, efficiency and reliability. The RB-M project has worked closely with operational commanders to develop a more capable response boat. Significantly increased speed improves response time for missions, while a design that incorporates human factors systems engineering decreases crew fatigue on extended patrols. The RB-M is part of the Coast Guard's plan to standardize and revitalize its shore-based boat fleet. Since the first RB-M was delivered to Station Little Creek, Va., in April 2008, RB-Ms have been delivered to Coast Guard boat stations throughout the United States, with a current average of about 30 boats per year.

For updates on the RB-M, visit the project's website at <http://www.uscg.mil/acquisition/rbm/>.



RB-M

FEATURES:

- Deep V, double-chine hull for a balance of speed and stability in various conditions
- All-aluminum construction
- Twin diesel engines with waterjet propulsion, eliminating propellers beneath the boat to make it safer to retrieve someone from the water and protect the engines from debris
- Prominent fendering, which allows the boat to come alongside without risk of damage from bumping or shifting and frees the crew for other tasks
- Self-righting stability (intact)
- Port, starboard and aft recovery platforms
- Fore and aft weapons mounts
- Pilothouse with shock-mitigating seats for greater crew comfort and endurance
- Survivor's compartment with seating for five

CHARACTERISTICS:

Number Planned: 170

Length: 45 feet

Beam: 14 feet 7.75 inches

Draft: 3 feet 4 inches

Displacement: 36,500 pounds

Maximum Speed: 42.5 knots

Range: 250 nautical miles at 30 knots

Endurance: one day

Crew: four

Mission execution begins here.