



Acquisition Directorate



Fast Response Cutter (FRC)/Sentinel Class

September 2008



The Fast Response Cutter (FRC) Sentinel class patrol boat is a vital part of the Coast Guard's efforts to revitalize its fleet while providing the best value for the taxpayers and the U.S. government. The Sentinel class, which will be a workhorse of the Coast Guard fleet and replace the venerable 110 ft Island class patrol cutters, will provide Coast Guard men and women with the capable assets they need to save lives, secure our maritime borders, and protect the environment.

—Adm Thad W. Allen, Commandant, U.S. Coast Guard.

The government requires a patrol boat that is capable of deploying independently to conduct Coast Guard missions including ports, waterways and coastal security, fishery patrols, search and rescue, and national defense. The Sentinel will save lives, enforce U.S. and international maritime law, and ensure security along the United States' 95,000 nautical miles of coastline.

The Coast Guard followed a disciplined acquisition strategy to the Sentinel class acquisition, including careful analysis of operational requirements; conducting worldwide market research; close consultation with Coast Guard technical authorities; use of the services of the U.S. Navy, use of independent commercial agents; a full and open competition, and an assessment of the most competitive designs put forth by industry in responses to the Coast

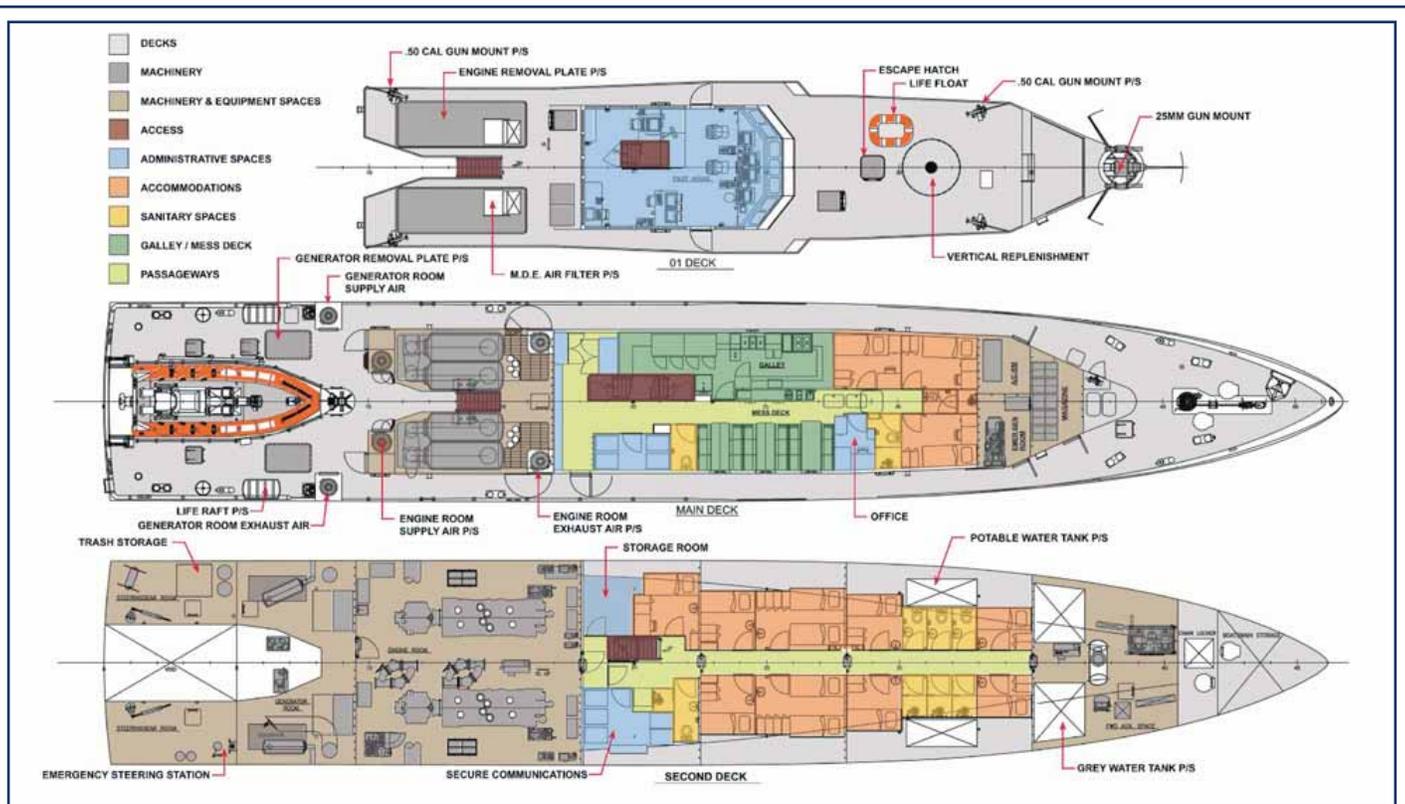
Guard's June 2007 solicitation.

The C4ISR systems on the Sentinel class patrol boat will be fully interoperable with not only the Coast Guard's existing and future assets, but those of our partners, the Department of Defense and the Department of Homeland Security.

The Sentinel class patrol boat project will deliver vital capability to the Coast Guard, helping to meet the service's need for additional patrol boats. The current patrol boat gap hinders the Coast Guard's ability to most successfully and efficiently complete all potential missions, and this critical Sentinel class acquisition will help address these identified needs.

The first Sentinel class will be delivered to Coast Guard District 7 in Miami, supporting vital migrant and contraband interdiction missions conducted throughout the Caribbean Sea and Gulf of Mexico.

Mission execution begins here.



Sentinel Class Characteristics

Quantity: up to 34 cutters

Length: 153.5 feet

Beam: 25.4 feet

Displacement: 353 metric tons

Speed: 28+ knots

Endurance: 5 days

Sea Keeping: Conduct all missions thru SS4. Survive thru SS6.

Crew: 22 (2 officers, 20 enlisted)

Armament: one stabilized, remotely-operated 25mm chain gun; four crew-served .50 caliber machine guns

DOD and DHS Command, interoperable Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) Equipment

Service Life: 20 years

Class name: "Sentinel" Class

Manufacturer: Bollinger Shipyards Inc.

Parent Craft Designer: Damen

Classification: American Bureau of Shipping High-Speed Naval Craft Guide

First Delivery Date: Late 2010 (Q1 FY 2011)