



U.S. Coast Guard Cutter ISAAC MAYO (WPC-1112)
154-foot Fast Response Cutter
Sentinel-class
Homeport – Key West, FL

The Cutter

The Coast Guard's 154 foot *Sentinel-class* Fast Response Cutter (FRC) gives the Coast Guard a patrol boat that is capable of deploying independently to conduct missions, such as ports, waterways and coastal security, fishery patrols, drug and illegal migrant law enforcement, search and rescue, and national-defense operations. The FRCs are named after Coast Guard enlisted heroes and are replacing the aging fleet of 110-foot *Island-class* cutters.

The Cutter ISAAC MAYO will be the 12th *Sentinel-class* cutter to be built by Bollinger Shipyards LLC, located in Lockport, LA. At present, Bollinger Shipyards is under contract to build 30 FRCs. The first six FRCs were delivered to Miami, FL, the next are being delivered to Key West, FL, followed by six slated to be homeported in San Juan, Puerto Rico. The Coast Guard anticipates a fleet of 58 FRCs in total.

Here are a few of the Cutter ISAAC MAYO's principal characteristics.

- Length: 154 feet
- Beam: 25.4 feet
- Displacement: 353 metric tons
- Power Plant: 2 MTU Diesel engines – near 6000 hp each
- Speed: 28+ knots
- Endurance: 5 days
- Range: approximately 2000 nautical miles
- Fuel Capacity: approximately 16,000 gallons
- Fresh Water System: 2 reverse osmosis water makers each capable of 440 gal per day
- Sea Keeping: Conduct all missions thru Sea State 4 (SS4). Survive thru SS6.
- Crew Complement: 24 (4 officers, 20 enlisted – a mixed-gender crew)
- Armament: One stabilized, remotely-operated 25mm chain gun; four crew-served .50 caliber machine guns
- Electronics Suite: Fully interoperable command and control systems with Coast Guard existing and future assets and with the departments of Homeland Security and Defense, along with the latest navigation capabilities.
- Service Life: 20 years

The Sentinel Class cutters will also incorporate a seven-meter (26.1') Over the Horizon Cutter Boat & Stern Launch & Recovery System. This system provides for the safe and rapid stern deployment and recovery of the Cutter Boat, which can be executed in seas up to 8 feet in wave height. The cutter boat, an aluminum hulled, foam collared, inboard diesel powered water-jet craft, has a top speed in excess of 40 knots when carrying a crew of five.

One prominent question associated with the Cutter RICHARD DIXON --

- Why is the Cutter ISAAC MAYO coming to Key West? – The Cutter ISAAC MAYO is part of the Coast Guard's recapitalization of its patrol boat fleet. The increased need for maritime homeland security patrols require increased presence of patrol boats near the South Florida and elsewhere in the Caribbean Basin. The often tough and difficult demands of modern Coast Guard missions require highly capable multi-mission platforms, and the Cutter ISAAC MAYO is exactly that.

Significance of a Commissioning

One of the richest traditions in American naval history is the commissioning of a ship or cutter of the U.S. Navy and U.S. Coast Guard. The act of placing a ship or cutter in commission marks her entry into active service. At the moment when the commissioning pennant (flag) is broken at the masthead, a ship or cutter becomes a Navy or Coast Guard command in her own right, and takes her place alongside the other active ships or cutters of the respective service's fleet.

The commissioning ceremony continues a tradition some three centuries old, observed by navies around the world, and by our own Navy and Coast Guard since December 1775, when *USS Alfred*, the first ship of the Continental Navy, was commissioned in Philadelphia.

Once in commission, the commanding officer and crew are entrusted with the privilege, and the responsibility, of maintaining their cutter's readiness, and of conducting operations at sea in peacetime and during time of war.

Commissioning Ceremony Scheduled

The Commissioning Ceremony for Cutter ISAAC MAYO is currently scheduled for **Saturday, March 28th, 2015**, at Coast Guard Sector Key West, Key West, FL.



