

NATIONAL SECURITY CUTTER



Acquisition
Directorate



Coast Guard Cutters Kimball (WMSL 756) and Midgett (WMSL 757)



CHARACTERISTICS

Length:	418 feet
Beam:	54 feet
Draft:	22 feet 6 inches
Displacement:	4,500 long tons
Maximum Speed:	28 knots
Range:	12,000 nautical miles
Endurance:	60- to 90-day patrol cycles

FEATURES

- Automated weapons systems capable of stopping rogue vessels
- Large flight deck and hangar space for multiple manned and unmanned aircraft
- State-of-the-art command and control equipment to support cooperation with other units and agencies
- Detection and defense capabilities against chemical, biological or radiological attack
- Advanced sensors and tactical equipment to contribute intelligence to a common operating picture and provide enhanced maritime domain awareness
- Standardized long range interceptor II (LRI-II) and over the horizon IV (OTH-IV) cutter boats with stern and side davit launch and recovery capabilities

PROGRAM DESCRIPTION

The national security cutter (NSC) acquisition addresses the Coast Guard's need for open-ocean patrol cutters with the seakeeping, habitability, endurance and technological advancement to serve as command and control centers in the most demanding maritime environments. Each NSC is built to serve as operational-level headquarters for complex law enforcement, defense and national security missions involving Coast Guard and multiple partner agency participation.

The NSCs feature advanced command, control, communication, computers, intelligence, surveillance and reconnaissance equipment; aviation support facilities; stern cutter boat launch; and long-endurance station keeping. The ships are replacing the 378-foot high endurance cutters, which have been in service since the 1960s.

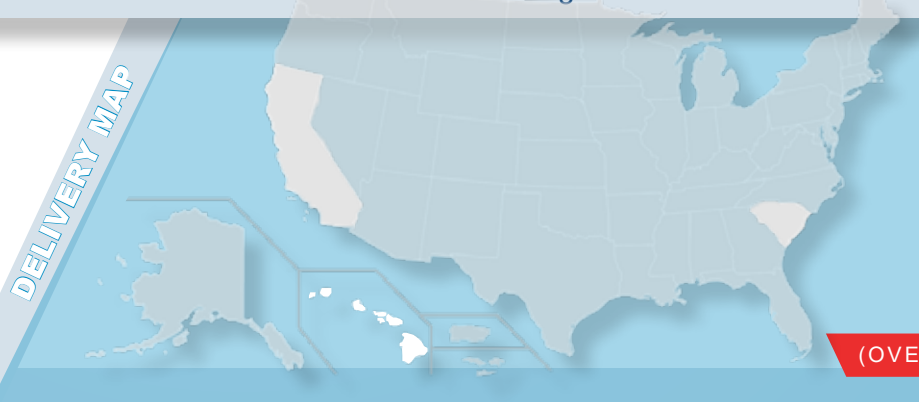
The NSCs continue to show the value of their capabilities to mission execution. They removed over 102,000 pounds of cocaine – valued at \$1.38 billion – and apprehended 189 suspected smugglers in fiscal year 2019. NSCs continue to contribute to the nation's

defense, supporting Department of Defense operations in the Western Pacific, as highlighted by recent deployments of Coast Guard Cutters Bertholf and Stratton.

There are eight Legend-class NSCs in service. Coast Guard cutters Bertholf, Wae-sche, Stratton and Munro are stationed in Alameda, California; Hamilton and James are in Charleston, South Carolina; and Kimball and Midgett are in Honolulu. The ninth cutter, Stone, is slated for delivery in fiscal year 2021.

On Dec. 21, 2018, the service awarded a fixed-price contract option for the production of the 10th and 11th NSCs.

Mission execution begins *here*.



(OVER)

For updates on the NSC, visit the program's website at

<https://www.dcms.uscg.mil/Our-Organization/Assistant-Commandant-for-Acquisitions-CG-9/Programs/Surface-Programs/National-Security-Cutter/>

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www.dcms.uscg.mil/acquisition

SPECIFICATIONS



Coast Guard Cutter Bertholf (WMSL 750)



Coast Guard Cutter Waesche (WMSL 751)



Coast Guard Cutter Stratton (WMSL 752)



Coast Guard Cutter Hamilton (WMSL 753)



Coast Guard Cutter James (WMSL 754)

C4ISR SYSTEMS

Coast Guard SeaCommander

- AN/SPS-79 surface search radar
- AN/SPS-75 air search radar
- Identification friend or foe transponder
- Electro-optical/infrared sensor system
- Automatic Identification System
- AN/SLQ-32 electronic warfare suite
- Tactical Data Link (CDLMS)
- Navigation Distribution System (NAVSSI)

Communications

- Communications Management System (Symphony)
- MILSATCOM
- COMSATCOM
- Line of Sight (LOS)

HULL, MECHANICAL AND ELECTRICAL SYSTEMS

Propulsion System:

- Two MTU 20V 1163 marine diesel engines
- One General Electric LM2500 main gas turbine

Electrical System:

- Three Caterpillar 3512B ship's service diesel generators

Weapons Systems

- One Mk 160 gun fire-control system
- One Mk 110 57-mm naval gun system
- One Phalanx 20-mm close-in weapon system
- Two Mk 53 Nulka decoy launching systems
- Two Mk 36 Super Rapid Blooming Offboard Countermeasures chaff launching systems
- Four .50-caliber machine guns
- Two M240B 7.62-mm machine guns

Shipboard Collective Protection System

EXTENDED OPERATIONS

Aviation:

- Two MH-65 helicopters
- or
- One MH-65 and two unmanned aircraft systems (future capability)

Cutter Boats:

- Two OTH-IVs
- One LRI-II