



# Urban Coast Institute: R/V Seahawk



The Seahawk is a versatile, trailerable, 27-foot fiberglass hulled survey vessel. It's cabin is equipped with heat and air condition and lighted for nighttime operations. The Seahawk is rigged to support a variety of scientific work including single and multibeam hydrography, sub-bottom profiling, side-scan sonar, ROV support, ADCP surveys, and benthic and water column sampling.

## Safety Equipment

- 6 Adult life vests
- 6 Work vests
- 6 Adult SOLAS Approved Immersion Suits
- 1 Life Ring with Throw Rope
- Zodiac 6 Man Class-V Inflatable Life Raft
- ACR 406 MHz Category II (Emergency Position-Indicating Radio Beacon)
- Flare Kit
- Fire Extinguisher
- First Aid Kit
- Spare Parts and Tools

**MONMOUTH  
UNIVERSITY**

URBAN COAST INSTITUTE  
[www.monmouth.edu/uci](http://www.monmouth.edu/uci)

## Specifications

**Builder:** Maycraft

**Construction:** Fiberglass

**Length:** 27 feet

**Beam:** 9.5 feet

**Draft:** 1.5 feet

**Minimum Operating Depth:** 2 feet

**Registration:** New Jersey #NJ 7117 HA

**Cabin:** 1.5' x 6' Counter Top and Shelves

**Working deck:** 11' x 8' (aft) with 5' Cover

**Propulsion:** Twin Yamaha 200Hp 4 Stroke Outboards

**Cruising Speed:** 25 Knots (light)

**Fuel capacity:** 160 Gallons/tank

**Max Capacity:** 6 Passengers

**Lifting Davits:** 2 with 500lb Line Pull Winches

**Anchor Handling:** EZ-pull power up and down

**Power:** DC: 2 Group 24 Batteries | AC: 450-watt inverter

**Wash down:** 4.5 gpm pump

**Operations:** Vessel operated under CFR 46 Subchapter C in compliance with USCG regulations

## Navigation and Communication

- Simrad NSE 8, Integrated DGPS Broadband Radar with Navionics chart plotter, RS-232 output
- Furuno Autopilot
- Furuno FCV 600 Fathometer 50/200 kHz 0.2 feet resolution
- Standard Horizon Spectrum Plus VHF-FM DSC radio with hailer and fog horn
- Standard Horizon Eclipse Plus VHF-FM radio
- Class B Dual Channel AIS Transceiver

*Additional Survey Grade Equipment added as needed.*

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