

ISLAND ROVER

A RESEARCH VESSEL FOR LONG ISLAND SOUND



SPECIFICATIONS

Overall length	51.5 feet
Beam	17.0 feet
Draft	4.0 feet
Freeboard (aft)	3.0 feet
Displacement	20.95 tons
Speed	18 knots
Students	Certified for 47; optimal capacity 20
Crew	2-5, mission dependant
Coast Guard Certification	Subchapter T (small passenger vessels)

INSTALLED EQUIPMENT

- Davit for overside handling of gear (SWL 500 lbs.)
- Dive platform
- Color fish finder/fathometer
- GPS
- Chart plotter
- Radar
- 2 VHF transceivers
- R/O water is available at The Sound School base.

PORTABLE EQUIPMENT

- Otter trawl
- Beam trawl
- Gear for hook-and-line finfish sampling
- Van Dorn bottles
- Plankton nets
- General Oceanics mechanical flow meter
- Water chemistry test kits
- Sonotronics fish & horseshoe crab tracking equipment
- Ballchek corer with 36" tube
- 9" x 9" ocean duty Ponar dredge
- YSI 85 dissolved oxygen, salinity, temperature meter with 50' cable
- YSI 60 pH meter with 50' cable
- Sediment sieves

FEE SCHEDULE FOR USE OF VESSEL

1/2 Day (4 hours) \$1,000*
 Full Day (8 hours) \$1,500*
 Additional Hours Pro Rata

* Fuel surcharge may apply for high speed consumption or fuel price increases.

The Sound School's principal research vessel is the *Island Rover*, a 51-foot motor vessel modeled after traditional Chesapeake Bay deadrise fishing boats. She was designed for passenger service and adapted by The Sound School for education and research. The vessel is used for teaching students general seamanship, small boat handling and is used as a platform for research in the Long Island Sound estuary.

The Sound School's vessel operations classes use *Island Rover* to gain experience in the operation and maintenance of commercial vessels. Juniors and seniors learn basic seamanship skills in the classroom, on board and become proficient in boat handling and navigation.

Island Rover has a large working deck and space for a class of approximately 20-25 students. She is equipped with a 500 lb capacity davit on her starboard quarter for the deployment and recovery of instrumentation and collection gear.

Island Rover's high speed maximizes time on station. Her stability and sea-kindliness make her a good working vessel in choppy conditions and her light draft allows access to shoal areas. *Island Rover* is a versatile platform suitable for use with CTD's, ROV's, dredges and for limited dive support.

The vessel is designed and equipped for use as a general research and education vessel. Current and anticipated uses include:

Navigation training	Sediment transport & density studies
Water quality monitoring	Studies of benthic organisms
ROV support	Buoy deployment
Finfish studies	Marine geology instruction
Shellfish studies	History and land use studies
Plankton studies	Marine organism collection
Jellyfish studies	Weather and climate studies
Submerged aquatic vegetation	Marine ecology
Invasive species studies	Marine organism population density and migration studies

List of Currently Scheduled Users of M/V Island Rover

The Sound School
 Regional Vocational Aquaculture Center
 University of New Haven
 Southern Connecticut State University
 Sacred Heart University
 Amity Regional District #5 Senior High School
 Hamden High School
 Barnard Environmental Science Magnet School

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FOR VESSEL INFORMATION OR
RESERVATIONS PLEASE CONTACT:

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