

The Mysis was built at Sturgeon Bay Ship Building and Drydock Co. in Wisconsin, with funds for the design and construction provided by the National Science Foundation. The ship is equipped with two hydraulically operated winches: a BT winch with 1,500 ft. of 1/8" diameter wire and a larger winch with 2,000 ft. of 3/16" diameter wire. The main boom is used for handling heavy gear over the side.

Electronic and navigation equipment include a 1/4 to 16 nautical mile radar, gyro-compass and auto-pilot, 2 VHF-FM transceivers, Garmin GPS, digital depth sounder; safety equipment, E.P.I.R.B. and life rafts; fire fighting equipment.

There is a single 75 sq. ft. general purpose laboratory on the main deck. The lab is equipped with a sink with hot and cold potable water, and 115 vac electric service, 220 vac single phase or three phase power, and a continuous flow of seawater can be provided in the lab if required. The aft end of the ship has approximately 200 sq. ft. of clear deck space. Sampling equipment available includes; bottom trawl, plankton nets, bottom grab, benthic sled, Seabird CTDw/flourometer, S-4 current meters, Phantom 300 ROV, Nansen bottles, YSI salinity and dissolved oxygen meters, computers (Mac and PC), stereo microscopes, hydrophone.

Three scientists and one crew member are accommodated in one, four-person cabin, and the Captain's berth is located in the pilot house.

Length: 50.0 ft. O.A. (15.24 m)
 Beam: 15.5 ft. (4.72 m)
 Draft: 6.0 ft. max. (1.83 m)
 Displacement: 40 long tons (full load)
 Range: 300 nautical miles
 Propeller: single, fixed pitch 34D x 26"P
 Year build: 1963
 Sleeping Accommodations: 5
 Fuel Oil: 950 gals
 Potable Water: 300 gals
 USCG Certified Small Passenger Vessel (30)
 Maximum height - waterline to masthead - 30 ft.

Fuel consumption - approx. 10 gals./ hr.
 Operating area at present - Mass. Bay
 Gulf of Maine out to 25 miles by request
 Cruising speed: 9.6 knots (11.0 stat. mph)
 Main Engine: Detroit Diesel 225 hp w/2.5:1 reduction gear
 Main Generator: 15 kw 120/208 vac 3 phase, 4 wire
 Crew: 2
 Scientists: 3
 Lube Oil: 35 gals.

CHARTER FEES FOR R/V MYSIS
 2001

Near Lynn/Boston/Salem	
Fee includes Captain and Crew, Fuel and oil	
Weekday	Weekend
8 hour day (time on boat)	
\$650	\$850
4 hour day	
\$350	\$500
12 hour day	
\$950	\$1200
24 hour day	
\$1,600	

Extra costs

longer trips (> 1 hr. cruise to station)
 special equipment, liability insurance

MARINE BIOLOGY CRUISE
Hands on Student Experience in Marine Biology

\$300
 3 hour cruise with students trained in marine science available to demonstrate equipment, bottom and oceanographic sampling, dredging and research methods (up to 30 students)

FOR MORE INFORMATION CONTACT
Doug O'Leary or Ted Maney
(781) 581-7370 (781) 581 6076 FAX

CHARTERING PROCEDURES

WARRANT: All Charters must be operated by Northeastern University Captain and Crew. Northeastern University carries liability insurance (\$1,000,000) for the Mysis and University personnel only.

1. Charterers must submit certificate of insurance as evidence of charterers legal liability. Certificate should indicate limit of liability for charterers legal liability of \$1,000,000, and have no exclusion for "passengers".

Certificates are to be submitted to:

Joseph D. Murphy, Treasurer
Northeastern University
Office of Senior Vice President
Administration/Finance
Richards Hall, Room 184
360 Huntington Av.
Boston, MA 02115
(617) 373-2240 Fax (617) 373-4728

NOTE:

Should the charterer not have charterers legal liability insurance currently in place and is therefore unable to produce the above requested certificate of insurance: The following information should be provided by the charterer and submitted to their insurance agent to obtain coverage. (Coverage can typically be obtained in a 48 hour period upon receipt of the fully completed application.)

- a. Name and address of charterer
- b. Purpose of chartering "Mysis" (provide description)
- c. Length of charter, i.e. number of hours/days

Northeastern University's insurance agent, Acordia, is also available to place this coverage.

Contact as follows:

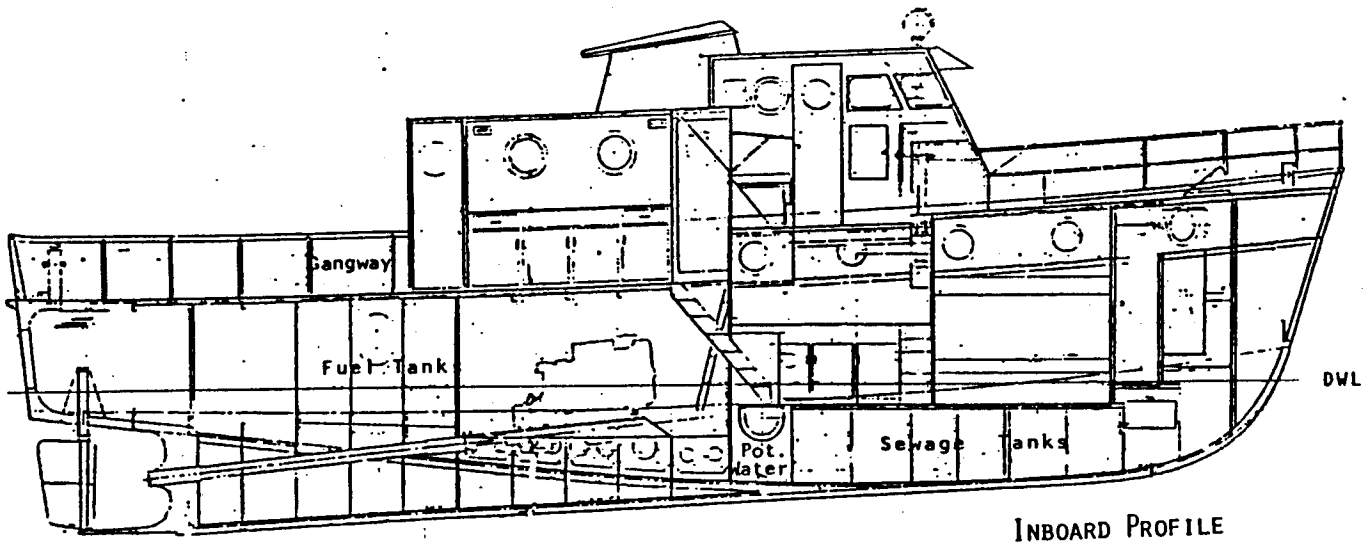
Bonney J. Hebert
Telephone: (617) 204-2512

2. As an alternative to the above and with prior approval from Joseph Murphy, Northeastern University may add the charterer to Northeastern University's own policy. Upon approval from Mr. Murphy the following additional information is required, and should be forwarded to Acordia as shown above.

- a. Name and address of charterer
- b. Purpose of chartering "Mysis" (provide description)
- c. Length of charter, i.e. number of hours/days

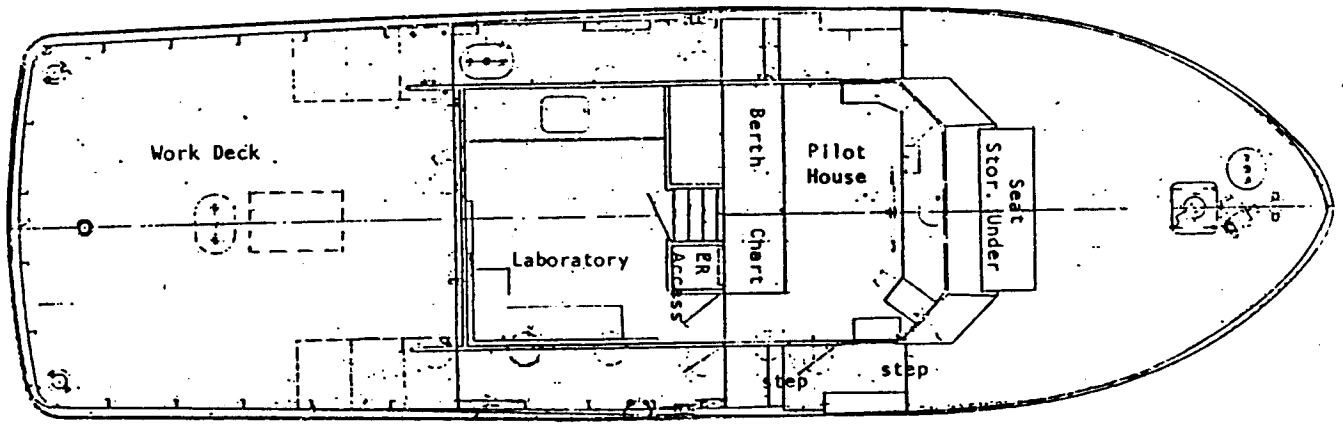
Additional premiums will be determined based on the information provided.

Complete and submit enclosed request form.

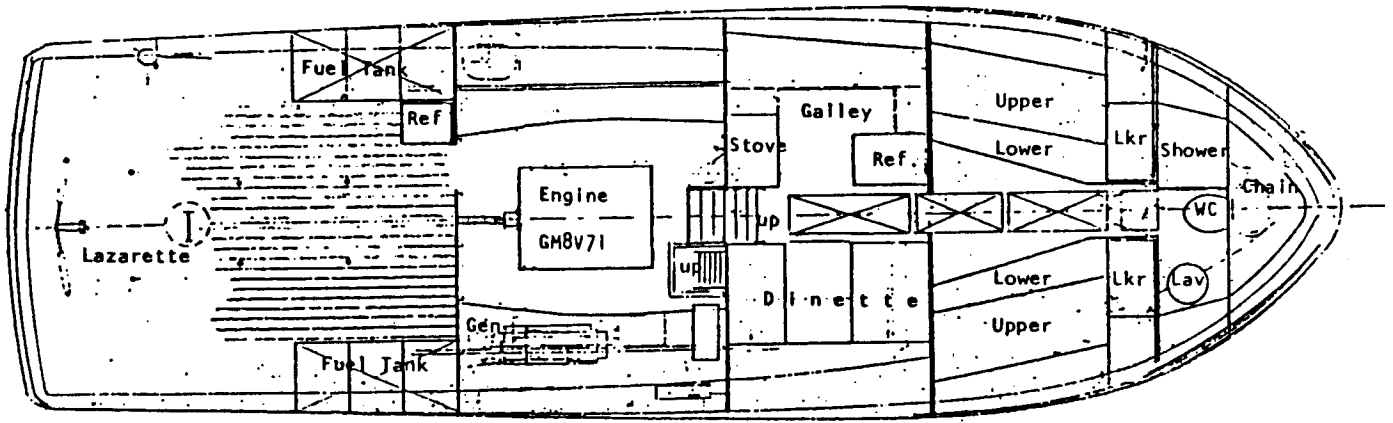


INBOARD PROFILE

Scale: 1" = 5.4 ft



MAIN DECK



LOWER DECK

REQUEST FOR CHARTER OF R/V MYSIS

Date_____

Please complete this form and return it to:
Captain Douglas O'Leary
Northeastern University
Marine Science Center
East Point
Nahant, MA 01908

_____			_____
Name (Last, First, M.I.)			Title
_____			_____
Institution	Department		Phone
_____			_____
Street Address			Fax
_____			_____
City	State	ZIP	E-mail

Proposed Project: _____

Date(s) Required: _____

Do you require winches? No Yes If Yes, List weight and type of equipment to be used. _____

Do you require running seawater? No Yes If Yes, space and type required _____

What are your electrical needs? _____

Do you plan to use Scuba in connection with your proposed project? No Yes

Other special equipment, laboratory chemicals or supplies needed. _____

