



46-FOOT FIBERGLASS SURVEY VESSEL OUTFITTED FOR COMMERCIAL DIVING, UNDERWATER ROBOTICS, AND HYDROGRAPHIC SURVEYING

➤ Ship Specifications

- **LOA:** 46.0 feet
- **Beam:** 15.2 feet
- **Draft:** 7.4 feet
- **Speed:** 15 knots max, 11 knots cruise
- **Fuel Capacity:** 600 gallons
- **Deck Space:** 240 feet²
- **Lab Space:** 45 feet²

➤ Machinery and Winches

- 538 HP Deutz Diesel Engine
- Northern Lights 12 kW Diesel Generator
- 1-ton Hydraulic A-Frame
- 1-ton Hydraulic Winch
- Vertus 24V Bow Thruster

➤ Electrical Equipment

- 120 VAC and 240 VAC outlets
- 12 VDC and 24 VDC Optional Transformers
- 3 kW Pure Sine-Wave Inverter with 120 & 240 VAC Output
- LED Lighted Deck and Cabin

➤ Electronics

- Dual Raymarine eS 12" Display Units
- Raymarine 24HD RadarDome
- Hemisphere Survey Quality GPS
- Raymarine 40-60 kHz Transducer
- 3 VHF Marine Radios
- Raymarine AIS650 Class B AIS

➤ Safety Equipment

- 6 USCG Compliant Lifevests
- Fully Stocked First-Aid Kit
- Throwable USCG Approved Type IV Life Ring
- 8 Man Emergency Life Raft
- 6 Viking Universal Survival Suits



Our 46' Survey Vessel *R/V Galatea* is the newest addition to Semper Offshore's capabilities. The *Galatea* has undergone extensive upgrades over the past year and has been furnished with equipment and instrumentation to support surveying, diving, and robotics work. The *Galatea* features a spacious wheel house with ample desktop space, a heavy duty hydraulic A-frame and winch, ample deck space, sub-meter resolution survey quality GPS, and more. She can comfortably sleep a crew of 3 and is equipped with a head and refrigerator.

New renovations to the *Galatea* were completed in the Fall of 2017 and includes:

- Complete Hydraulics and Fuel Line System Overhaul
- Custom Instrument Arch with space for additional equipment
- Extended Heated Wheelhouse
- Renovated Deck space with new rails and anti-skid matting
- 360 Degree view from wheelhouse
- Renovated soundproofing and muffler system
- Reverse Pilot Station from wheelhouse

Vessel Galatea and Robotics:

The Galatea is equipped with Semper's Saab Seaeye Falcon ROV with a depth rating of up to 1000' and additional payload features including a 5-function manipulator, cathodic protection probe, cleaning brush, and pressure washing wand.

Semper can also provide an IVER3 AUV for bathymetric surveying and mapping with the Galatea. Inquire about reserving Semper's subsea robotics with the Galatea.

