



R/V GEO (Inshore Survey Vessel)



SPECIFICATIONS

Length	33 feet
Beam	10.0 feet
Draft	2 feet
Engines	Twin Yamaha 225 HP OB
Fuel Capacity	300 gallons
Fuel Consumption	45 GPH @ 30 knots 20 GPH @ 5 knots
Speed (full throttle)	30 knots
Generator	5 kw
Electronics	Radar: Furuno Model 1832 (32 mile capability) Fathometer: Furuno Model FCF 292 Furuno GPS VHF Radios: (2) Motorola Iridium Satphone
Handling Systems	Tripod davit with small winch Mounting brackets for oceanographic poles



SURVEY EQUIPMENT

R/V GEO



Small Boat Hydrographic Equipment

Positioning Equipment

- C-NAV GPS/DGPS System
- Trimble 12 Channel dual frequency receivers c/w US coast guard DGPS
- Hypack Max Navigation System

Geophysical Equipment

- Klein 3000 100 Khz Side scan sonar
- Imagenix 300 / 800 Khz Side scan sonar
- Edgetech SB 2-16 Chirp Subbottom Profiler
- Odom 200Khz Echosounder
- Geometrics 881 Magnetometer
- Dive Equipment: u/w video camera and stills camera
- Ponar Grab Sampler

Computer Software / Digital Acquisition & Processing Systems

- Triton ISIS Sonar Acquisition & Processing System
- Discovery Seismic Acquisition System
- Triton SB-Interpreter Seismic Processing System
- Geometrics MagLog