



R/V ECHO (Coastal Survey Vessel)



SPECIFICATIONS

Length	40 feet
Beam	14.0 feet
Draft	3.5 feet
Engines	Twin 3208 Caterpillar Diesels
Fuel Capacity	300 gallons
Fuel Consumption	30 GPH @ 20 knots 15 GPH @ 5 knots
Speed (full throttle)	20 knots
Generator	110/220 VAC 3-Phase
Electronics	Radar: Furuno Model 1832 (32 mile capability) Autopilot: Robertson AP35-2 Fathometer: Furuno Model FCV 292 Northstar 941 DGPS VHF Radios: (2) Motorola Iridium Satphone
Handling Systems	Tripod davit with small winch Mounting brackets for oceanographic poles
Galley & Accommodations	Full Galley 4 x berths Head / Shower



SURVEY EQUIPMENT

R/V ECHO



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