



## R/V ECHO (Coastal Survey Vessel)



### SPECIFICATIONS

<b>Length</b>	40 feet
<b>Beam</b>	14.0 feet
<b>Draft</b>	3.5 feet
<b>Engines</b>	Twin 3208 Caterpillar Diesels
<b>Fuel Capacity</b>	300 gallons
<b>Fuel Consumption</b>	30 GPH @ 20 knots 15 GPH @ 5 knots
<b>Speed (full throttle)</b>	20 knots
<b>Generator</b>	110/220 VAC 3-Phase
<b>Electronics</b>	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
<b>Handling Systems</b>	Tripod davit with small winch Mounting brackets for oceanographic poles
<b>Galley &amp; Accommodations</b>	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