Specifications

Vessel Name: R/V Questuary
Golden Bear Research Center, California State University Maritime Academy

Operator: 200 Maritime Academy Drive, Vallejo CA 94590

Coast Guard Classification: Uninspected Oceanographic Research Vessel
USCG Certificate of Documentation #917897

Marine Insurance: Agilent Insurance Services
100 Pine Street, 11th Floor
San Francisco CA 94111

Year of Construction: 1975
Length: 37.8'
Beam: 12'
Draft: 3.7'
Displacement: 10 tons.
Cruising Speed: 18 knots.
Main Engines: Twin Cummins diesel 300 horse power each.
Electrical Power: True sine wave inverter, 120 volts.
Fuel Capacity: 270 Gallons.
Approximate Range: 200 Nautical miles at 16 knots.

Capacity:
Research: 7 Crew plus Captain and Marine Technician; Education: up to 14 crew for short trips.
Endurance: Two days maximum. Please contact us for more information on overnight trips.

Lifting and Winching Equipment

Hydraulic Winch: Markey COM-4 Hydraulic Research Winch.
U-frame: Heavy-duty stern-mounted U-frame operates through an arc four feet aft of the stern with a lifting capacity of 3,000 pounds.
Davit: Starboard-mounted aluminum tube davit capable of lifting 200 pounds.

Electronic and Navigation Equipment

Navigation: Nobletec electronic charting system.
Radar: Furuno 48 nautical mile radar.
GPS: Northstar differential GPS with three meter accuracy.
### Scientific Equipment

**Autopilot:** Comnav autopilot.

**CTD Rosette:**
Sea-Bird Electronics SBE19 CTD and SBE32 carousel

**Underway Data Acquisition System:**
Sea-Bird Electronics SBE45 measuring and recording real-time underway temperature and salinity at one meter below the surface.

**Acoustic Doppler Current Profiler (ADCP):**
Boon-mounted Teledyne Workhorse Monitor 600 Khz ADCP.

**Water Sampling:**
Remote messenger Niskin bottle and peristaltic pump sampling equipment available.

**Seabed Sampling:**
Ponar grab, Van Veen grab and one meter push cores available.