

Specifications

Vessel Name:	R/V Questuary Golden Bear Research Center, California State University Maritime Academy
Operator:	200 Maritime Academy Drive, Vallejo CA 94590 Office: 707-654-1258, Cell: 707-342-2291
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.

Autopilot: Comnav autopilot.

Scientific Equipment

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.

YSI 6600 Sonde measuring and recording real-time underway temperature, salinity, oxygen saturation, pH, chlorophyll and turbidity.

Acoustic Doppler
Current Profiler
(ADCP):

Boom-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.