

R.V. GEO EXPLORER



The Global Force with a Personal Touch



EGS is an independent leading international group of marine survey companies which has offices in Asia, Australia, Americas and the United Kingdom. EGS provides global specialist multi-disciplinary support to the offshore construction, oil & gas, telecommunications, power, mining industries. The Group employs more than three hundred and fifty staff worldwide from the fields of surveying, oceanography, environment, engineering, electronics, geophysics and the marine environment.

- Veripos DGPS with Qinsy Navigation Package
- Simrad EM122 (1 degree by 1 degree) full ocean depth Multibeam with CARIS HIPS/SIPS Processing package
- Simrad EM3002 dual head High Resolution Multi-beam Echosounder
- Simrad EA400 Single-beam Echosounder
- GeoAcoustics 4x4 Hull mounted Pinger
- Benthos SIS-1625 dual frequency Chirp/Side-Scan Sonar Combined System and 6,000-m deep tow deployment winch
- Sonardyne Fusion USBL System
- Seaspy Magnetometer
- CPT System Datem with winch for deployment to 2,000m water depth
- 3-m Gravity Corer capable of deployment in 2,000m water depth
- VSat link for fast data transfer, Internet, and communications
- 200m² of office space
- 305m² of clear deck space on two levels
- Survey launch Explorer Jai

The EGS Group

Australia, Brazil, Hong Kong, Indonesia, India, Malaysia, Philippines, Singapore, Taiwan, United Kingdom, United States, Vietnam

R.V. GEO EXPLORER

NAME	R.V. Geo Explorer	FLAG	St Kitts & Nevis
TYPE	Research Vessel	OFFICIAL NO.	SKN1001632
CLASSIFICATION	International Register of Shipping	CALL SIGN	V4YI
CONVERTED	2008	IMO NO	6700391

Dimensions

Length Overall	74.8 m
Beam	12.3 m
Draught	5.7 m
Tonnage	1,748

Accommodations

Total Berths	47 berths
Working Spaces	Processing Room Acquisition Room Wet Lab Representatives Office Party Chief's Office Workshop Storage
Recreation	Lounge/Video/Gym

Machinery

Propulsion	2 x 1770 kW Caterpillar
Bow Thruster (1)	Brunvoll Azimuth Controllable pitch
Bow Thruster (2)	Brunvoll Tunnel Thruster, Variable Pitch 605HP
Bow Thruster (3)	Brunvoll Tunnel Thruster, Variable Pitch 420HP
Stern Thruster	2 x Brunvoll Tunnel Thruster, Variable Pitch 605HP (each)
Cruising Speed	10 knots

Capacities

Fuel Capacity	350MT
Fuel Consumption	6MT/day (Survey Speed)
Water Capacity	1300MT
Water Making	10MT/day
Autonomy	45 days

Deck Machinery

Stern A-Frame	1 x 10t SWL Hydraulic A-Frame
Cranes	1 x 2t Electro Hydraulic Crane 1 x 1.5t Electro Hydraulic Crane

**Survey Launch — Explorer Jai**

Dimensions	7.0m x 2.3m x 1.4m
Gross Tonnage	2.0
Engine Power	Yanmar 2 x 36HP

Navigation

GPS Navigator	2 x Furuno GP-80
Auto Pilot	Robertson AP9 MkII
Radar	Furuno FAR 2825 Furuno FR2125
Gyro	Sperry Marine Mk227 Navigat Mk2 Mod 10
Echo Sounder	Sperry Marine E/S 5100
AIS	McMurdo M2 MKD
S&R	Sea Marshall Type SAR 1003 MKII

Communications

V-Sat	MTN
Immarsat	Inmarsat C Mini-M
VHF Radio	3 x Sailor Integrated MF/HF
Navtex	DSC/Watach Receiver ICS Nav5plus
Fleet 77	NERA Sat F Voice & Data Link



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