

R.V. GEO RESOLUTION

The Global Force with a Personal Touch



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



- Veripos LD6 DGPS with Qinsy Navigation Package
- Reson Seabat 7150-F (Dual frequency 12 and 24kHz, 2° x 2° at 12kHz, 1° x 1° at 24kHz) to full Ocean Depth (12kHz) Multibeam Echosounder with CARIS HIPS/SIPS Processing package
- Kongsberg EA400 Single-beam Echosounder
- GeoAcoustics GeoPulse 4x4 Hull mounted Pinger Sub-bottom Profiler
- EdgeTech 4200 Side-Scan Sonar & EdgeTech 2000-DSS dual frequency CHIRP/Side-Scan Sonar Combined System and 6,000m deployment winch
- Kongsberg HiPAP 501 USBL System (4,000m range)
- Geometrics G-882 Magnetometer
- Datem Neptune 3000 Seabed CPT with winch for deployment to 2,000m water depth
- 3m Gravity Core capable of deployment in 2,000m water depth
- Survey launch GR-2

The EGS Group - Global Survey Specialists

*Australia, Brazil, Hong Kong, Indonesia, Malaysia, Philippines,
Singapore, Taiwan, Timor-Leste, United Kingdom, United States, Vietnam*

R.V. GEO RESOLUTION

NAME	R.V. Geo Resolution	FLAG STATE	Republic of Marshall Islands
TYPE	Research Vessel	OFFICIAL NO.	5923
CLASSIFICATION	Lloyd's Register	CALL SIGN	V7IE2
BUILT	1989	IMO NO	8835243

Dimensions		Navigation	
Length Overall	68.3m	GPS	1 x Furuno GP-170, 1 x SAAB R4
Beam	13.1m	Auto Pilot	Sperry Marine
Draught	4.59m	Radar	2 x Decca Bridge Master
Gross Tonnage	1,913 tons	Gyro	1 x Meridian Surveyor, Model:4363 1 x Meridian Surveyor, Model:5665
Accommodations		Echosounder	1 x Navisound 420
Total Berths	45 berths	AIS	1 x Furuno FA-150
Hospital	1 bed	Speed Log	1 x Furuno DS-80
Working Spaces	Processing Room Acquisition Room Wet Laboratory Representatives Office Party Chief 's Office Workshop Storage	Deck Equipment	
Recreation	Lounge/Video/Gym	Stern A-Frame	1 x 10T SWL Hydraulic A-Frame
Machinery		Crane	1 x 2T Hiab Crane 1 x 10T @6m, Copma Crane
Propulsion Motor	2 x 800Hp GE 185 RPM	Survey Launch - GR-2	
Diesel Generator Engine	4 x Caterpillar D-398B	Length Overall	8.5m
Bow Thruster	1 x Schottel S300L, 750V 410kW, 4 - Blade Fixed Pitch	Breath Moulded	2.85m
Propellers	2 x 4 - Blade Fixed Pitch	Depth Moulded	Approx. 1.8m
Emergency Generator	1 x Caterpillar D-3408B, 313Kw	Design Draft	0.54m above baseline
Cruising Speed	10 knots	Cruising Weight	Approx. 5,000kg
Capacities		Hull Material	Aluminium
Fuel Capacity	690m ³	Engine	150Hp Twin QSD Cummins Diesel Mercruisers
Fuel Consumption	5MT/Day (Survey Speed)		
Water Capacity	19MT		
Water Making	25MT/Day		
Autonomy	45 Days		
Communications			
V-Sat	C-band/ Speedcast		
Inmarsat	1 x TT3606E, Inmarsat C GMDSS 1 x JUE 87, Inmarsat C GMDSS		
VHF DSC Radio	1 x Sailor RT2048, 1 x Sailor 6222 Icom IC-M801, MF/HF Radio		
Navtex	JMC NT1800		

Visit our website for more information:
www.egssurvey.com

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