

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, 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
- Reson Seabat 7150-F (Dual frequency 12 and 24kHz, 2° x 2° beams at 12kHz, 1° x 1° beams at 24kHz) to full Ocean Depth (12 kHz) Multibeam with CARIS HIPS/SIPS Processing package
- Simrad EA400 Single-beam Echosounder
- GeoAcoustics 4x4 Hull mounted Pinger
- Edgetech 2000 TVD dual frequency Chirps/Side-Scan Sonar Combined System and 6,000m deployment winch
- Kongsberg HiPAP 501 USBL System (4,000m range)
- Seaspy Magnetometer
- CPT System Datem with winch for deployment to 2,000m water depth
- 3m Gravity Corer capable of deployment in 2,000m water depth
- Survey launch Ming Jai

The EGS Group

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

R.V. GEO RESOLUTION

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

Dimensions

Length Overall	68.3 m
Beam	13.1 m
Draught	4.4 m
Gross Tonnage	1,913

Accommodations

Total Berths	48 berths
Working Spaces	Processing Room Acquisition Room Wet Lab Representatives Office Party Chief's Office Workshop Storage
Recreation	Lounge/Video/Gym

Machinery

Propulsion	4 x Caterpillar D398B
Propellers	2 x Four-blade fixed pitch
Bow Thruster	Schottel S-300-L, 750V 410kW, 4-blade fixed pitch
Cruising Speed	10 knots

Capacities

Fuel Capacity	690 m ³
Fuel Consumption	5 MT/day (<i>Survey Speed</i>)
Water Capacity	18 MT
Water Making	2 x 6 MT/day
Autonomy	45 days

Deck Machinery

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



Survey Launch — Ming Jai

Dimensions	7.5m x 2.9m x 1.4m
Gross Tonnage	3.5
Engine Power	2 x 86kW (Twin Suzuki Outboard Engines)

Navigation

GPS Navigator	1 x Furuno GP-170 1 x SAAB R4
Auto Pilot	Sperry
Radar	2 x Decca Bridge Master
Gyro Meridian	Surveyor
Echo Sounder	Navisound 420
AIS	Furuno FA 150

Communications

V-Sat	Ku-Band/Intellian
Immarsat	Inmarsat C GMDSS
VHF Radio	Integrated MF/HF DSC/ Watch Receiver
Navtex	JMC NT-1800



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