

# GEOSURVEYOR VIII

Survey & Support Vessel



GEOMATICS ENGINEERING SOLUTIONS



## SUPPORT ACTIVITIES / VESSEL CAPABILITIES

- Site investigations
- Crew changes
- Diving & ROV support
- Geophysical surveys
  - multibeam
  - singlebeam
  - high resolution seismic
  - side scan sonar
  - magnetometry
- Cable & Pipe route surveys
- Bottom and sediment sampling
- Density and shear strength measurements



### TECHNICAL SPECIFICATION

#### General

Name	Geosurveyor VIII
Classification	MCA Cat. 2 - 60 miles
Built	2012
Port / Flag	London
Call Sign	Geosurveyor VIII

#### Dimensions

Length	12,50 m
Width	4,95 m
Draft	1,00 m
Tonnage	12 Tons
Deck Load	2 Tons

#### Accommodation

Licensed for	12 passengers + 2 crew
Cabins	None
Electrical Systems	24 volt / 220 volt

#### Machinery

Main engines	FPT Iveco
Propulsion	Fix Propellor
Power output	2x450 BHP
Cruising speed	18 knots
Maximum Speed	24 knots

#### Tank Capacity

Fresh Water	100 ltr
Fuel	1200 ltr

### Control and navigation

Autopilot	Raymarine SPX
Radars	Raymarine C120
GPS Navigator	Raymarine C90
Echosounder	Garmin
AIS	Comar Transponder

### Communications

VHF	2x Raymarine
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### Safety

Liferafts	2x8 Pers
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### Survey Equipment

GPS	Stema Systems GNSS receiver BD582
Motion sensor	Ixsea Octans Subsea 3000
Sound Velocity Profiler	Valeport Mini SVP
Multibeam	R2Sonic 2022
Singlebeam	Simrad EA400 210/33Khz
Modem	Connect DigiWan 3G