

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