

GEOSURVEYOR V

Survey Vessel



GEOMATICS ENGINEERING SOLUTIONS



VESSEL CAPABILITIES

- Site investigations
- Geophysical surveys
 - multibeam
 - singlebeam
 - high resolution seismic
 - side scan sonar
 - magnetometry
- Bottom and sediment sampling
- Density and shear strength measurements





TECHNICAL SPECIFICATION

General

Name	Geosurveyor V
Classification	MCA Cat. 4 - 20 miles
Built	2010
Port / Flag	London - UK
Call Sign	Geosurveyor V

Dimensions

Length	7,90 m
Width	2,50 m
Draft	0,50 m
Deck Load	0,5 Tons

Accommodation

Licensed for	4 passengers + 2 crew
Cabins	None
Electrical Systems	24 volt / 220 volt

Machinery

Main engines	2x100 BHP outboard engines
Cruising speed	16 knots
Maximum Speed	22 knots

Tank Capacity

Fuel	2x80 ltr
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Control and navigation

Radars	Raymarine C-series
GPS Navigator	Raymarine C-series

Communications

VHF	1x ICOM
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Safety

Liferafts	1x 6 Pers
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Survey Equipment

GPS	Trimble BD960
Single Beam echosounder	Simrad EA400 710kHz
Motion sensor	IXSEA Octans IV
Sound velocity profiler	Valeport SoudBar
Multibeam	Reson 7125