

GEOSURVEYOR VII

Survey & Support Vessel



GEOMATICS ENGINEERING SOLUTIONS



SUPPORT ACTIVITIES / VESSEL CAPABILITIES

- Beach and port surveys
- Dredging Support activities
- 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 VII
Classification	MCA Cat. 2 - 60 miles
Built	1995
Port / Flag	London
Call Sign	Geosurveyor VII

Dimensions

Length	8 m
Width	2,96 m
Draught	0,80 m
Tonnage	8 Tons
Deck Load	0,5 Tons

Accommodation

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

Machinery

Main engines	Volvo Penta
Propulsion	Fixed Propellor
Power output	2x110 BHP
Cruising speed	12 knots
Maximum Speed	10 knots

Tank Capacity

Fuel	1x700 ltr
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Control and navigation

Autopilot	Furuno
Radars	Raymarine C90
GPS Navigator	Raymarine C90
Echosounder	Raymarine
AIS	Comar Transponder

Communications

VHF	1x Icom
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Safety

Liferafts	1x6 Pers
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Survey Equipment

GPS	Novatel Proport VJ
Single Beam echosounder	Simrad EA400 210/33Khz
Motion sensor	SMC
Sound Velocity Profiler	Valeport Soundbar
GPRS Modem	Digiwan 3G