

GEOSURVEYOR III

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 III
Type	Catamaran
Classification	MCA Cat. 2 - 60 miles
Built	2004
Port / Flag	London
Call Sign	2DEV9

Dimensions

Length	11,60 m
Width	4,51 m
Draft	1,00 m
Tonnage	9 Tons
Deck Load	2 Tons

Accommodation

Licensed for	4 passengers + 2 crew
Cabins	None
Electrical Systems	12 volt / 24 volt / 220 volt

Machinery

Main engines	FPT Iveco
Power output	2x375 BHP
Cruising speed	17 knots
Maximum Speed	23 knots

Tank Capacity

Fuel	1400 ltr
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Control and navigation

Autopilot	Raymarine spx30
Radars	Raymarine C120
GPS Navigator	Raymarine C 90
Echosounder	Raymarine
AIS	Raymarine AIS transponder

Deck Machinery

Hydraulic A frame	1x0,4t
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Communications

VHF	1x Sailor
	1x Raymarine

Safety

Liferafts	6 Pers
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Survey Equipment

GNSS	Stema Systems GNSS982 RTK-PPP
Motion	Ixblue Octans
MBES	R2Sonic 2024
SBES	Simrad EA400 210/33
Sound Velocity	Valeport mini SVS and SVP