

GEOSURVEYOR II

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 II
Type	Catamaran
Material	GRP
Classification	12 passengers + 2 crew MCA Cat. 2 - 60 miles
Built	2008
Port / Flag	London
Call Sign	Geosurveyor II

Dimensions

Length	11m
Width	4,30 m
Draft	0,90 m
Tonnage	8 Tons
Deck Load	2 Tons

Accommodation

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

Machinery

Main engines	2x Cummins inboard
Propulsion	Fixed Propellers
Power output	2x220 BHP
Cruising speed	20 knots
Maximum Speed	28 knots

Tank Capacity

Fresh Water	100 ltr
Fuel	1400 ltr

Control and navigation

Autopilot	Raymarine C-series
Radars	Raymarine C-series
DGPS Positioning	Furuno GP-37
Echosounder	Garmin
AIS	Comar

Deck Machinery

Moonpool	1
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Communications

VHF	2x ICOM
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Safety

Liferafts	14 Persons covered
Life Jackets	4x Condor

Survey Equipment

GPS	Novatel Propak V3
Multibeam	Kongsberg EM3002
Singlebeam echosounder	Simrad EA400 210/33Khz
Motion sensor	IXSEA Octans IV
SVP	Digibar
Modem	DIGI Connect wan 3G
Heading sensor	IXSEA Octans IV