

Geosurveyor X

Offshore Support Vessel



GEOMATICS ENGINEERING SOLUTIONS



SUPPORT ACTIVITIES / VESSEL CAPABILITIES

- Offshore windfarm support
- Offshore metemast support
- Site investigations
- Diving & ROV support
- Geophysical surveys
 - multibeam
 - singlebeam
 - high resolution seismic
 - side scan sonar
 - magnetometry
- Cable & Pipe route surveys
- Wreck surveys
- Environmental studies
- Bottom and sediment sampling
- Density and shear strength measurements





TECHNICAL SPECIFICATION

General

Name	Geosurveyor X
Type	Catamaran
Classification	MCA Cat. 1 - 150 miles
Built	Rodman 2013
Hull material	GRP
Port / Flag	London
Call Sign	2GRS420
Type vessel:	Seagoing Offshore Support & Survey Vessel

Dimensions

Overall Length	20,56 m
Width	7,50 m
Draft	1,60 m
Deck Space	2 x 20ft Container
Deck Load	25 Tons

Accommodation

Cabins	6 x double cabin / Galley / Toilet & Shower
Licensed for	12 passengers + 3 crew
Electrical Systems	380 volt / 220 volt

Machinery

Main engines	2 x Scania 750 BHP
Propulsion	Twin fixed Propellers
Maximum Speed:	25 knots
Cruising speed	21 knots
Deck Crane	7,5T /m
A-frame	3,0 Ton SWL
Generator	3 phase 380 - 15kVA

Tank Capacities

Fresh Water	800 ltr
Fuel	6.000 ltr

Control and navigation

Radars	Furuno FAR-211BB Navnet VX2M Furuno GP33
GPS Navigator	Furuno Navipilot 700
Autopilot	Furuno FCV 627
Echosounder	Furuno LH3000
Loudhailer	Furuno FA17-S
AIS	Furuno C500
Gyrocompass	Navtex Furuno NX-300
Navtex	Maxsea "time zero"
Plotter	

Communications

VHF	2 x DCS Sailor 6222GMDSS 1 x BLU MF/HF Sailor 6310 GMDSS 2 x Sailor SP-3520 GMDSS
Portable VHF	

Safety

Liferafts/Lifejackets	2 x liferaft 12 persons 14 x spare lifejackets 1 x Jason cradle
-----------------------	---

Storage

Storage	2 x 5m ³ storage in hull
---------	-------------------------------------