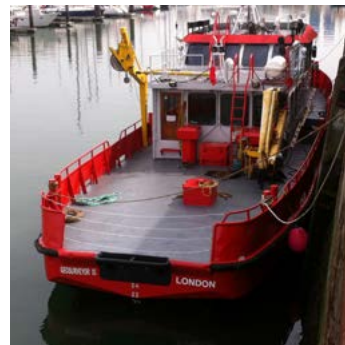


# GEOSURVEYOR XI

Survey & Support Vessel



## SUPPORT ACTIVITIES / VESSEL CAPABILITIES

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



### TECHNICAL SPECIFICATION

#### General

Name	Geosurveyor XI
Classification	MCA Cat. 2 - 60 miles
Built	1988 by I.D.P. Belgium
Hull material	Steel
Port / Flag	London
Call Sign	ORVI
Type vessel:	Seagoing Survey Vessel

#### Dimensions

Overall Length	21,11 m
Width	6,40 m
Draft	2,00 m
Hight above waterline	13,00m
Gross Tonnage	83 Tons

#### Accomodation

Cabins	4 berth cabin / Galley / Toilet & Shower
Licenced for	12 passengers + 2 crew
Electrical Systems	380 volt / 220 volt

#### Machinery

Main engines	2x Caterpillar 3406B
Propulsion	Twin fixed Propellors
Power output	554KW/752 BHP at 1800rpm
Cruising speed	11 knots
Deck Crane	HIAB 120 - 5,3t on 2,00M 1,4t on 8,20m

#### Tank Capacities

Fresh Water	3000 ltr
Fuel	22000 ltr

### Control and navigation

Radars	JMA 5110 JMA 2254
GPS Navigator	JRC auxiliary radar
Echosounder	Raymarine C120
Loudhailer	Raytheon
AIS	JHS182
Gyrocompass/motion sensor	Ixsea Octans FOG

### Communications

VHF	Liton TR 4822 / Sailor RT2048
Emergency handset	Sperry 3110

### Safety

Liferafts/Lifejackets	According to class
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### Survey Equipment

GNSS	Trimble BD982
Motion sensor	Ixsea Octans
Sound Velocity Profiler	Valeport Swift
Multibeam	EM2040C-D
Singlebeam	Odom CV200
Modem	Robustel 4G Modem