

# GEOSURVEYOR XII

Survey Vessel



GEOMATICS ENGINEERING SOLUTIONS



## VESSEL CAPABILITIES

- River and port surveys
- Dredging Support activities
- Geophysical surveys
  - multibeam
  - singlebeam
  - high resolution seismic
  - side scan sonar
  - magnetometry
- Density and shear strength measurements





## TECHNICAL SPECIFICATION

### General

Name	Geosurveyor XII
Classification	MCA Cat. 2 - 60 miles
Built	2014
Hull material	Aluminium
Port / Flag	London
Type vessel:	Survey Vessel
Call Sign	2HZF6
MMSI	235107827

### Dimensions

Overall Length	6,50 m
Width	2,33 m
Draft	0,50 m

### Machinery

Main engines	2x Honda outboard
Power output	2x60HP
Cruising speed	10 knots
Maximum Speed	15 knots

### Air-conditioning

Webasto blue cool SC10 air-conditioning  
Fisher Panda 5000i 4,2 KW cont. - Generator set

## Control and navigation

Radars	Raymarine 2 KW (2900 to 3100 MHz, 9300 to 9500 MHz)
GPS Navigator	Raymarine Multifunction Display C97
AIS	JHS182
Gyrocompass/motion sensor	Ixsea Octans FOG

## Communications

VHF	Garmin VHF 100i (MMSI 235107827)
Portable VHF	radio (MMSI 235912164)

## Safety

Liferafts/Lifejackets	According to class
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