

GEOSURVEYOR IX

Survey Vessel



GEOMATICS ENGINEERING SOLUTIONS



SUPPORT ACTIVITIES / VESSEL CAPABILITIES

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





TECHNICAL SPECIFICATION

General

Name	Geosurveyor IX
Classification	MCA Cat. 3 - 3 miles
Built	2014
Port / Flag	London
Call Sign	Geosurveyor IX

Dimensions

Length	7,67 m
Width	2,5 m
Draft	0,5 m
Tonnage	2,6 Tons
Trailer	688 Kg

Accommodation

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

Machinery

Main engines	Honda
Propulsion	Outboard
Power output	2x60 BHP
Cruising speed	15 knots
Maximum Speed	20 knots

Tank Capacity

Fresh Water	20 ltr
Fuel	130 ltr

Control and navigation

Radars	Raymarine
GPS Navigator	Raymarine
AIS	Raymarine

Communications

VHF	2x Icom
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Safety

Liferafts	1x6 Pers
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Survey Equipment

GPS	Stema Systems GNSS receiver BD982
GPRS	Procom
Motion sensor	iXBlue Phins
Sound Velocity Profiler	Valeport Mini SVP
SVS	Valeport mini SVS
Multibeam	R2Sonic 2022
Singlebeam	Simrad EA400 210/33Khz
Modem	Robustel 4G Modem