



Classification / Flag / Registration

Vessel name	Geo Explorer
Owner	Geo Plus B.V.
Flag	Dutch
Call sign	PBJJ
IMO number	9405069
Port of registry	Eemshaven, the Netherlands
Built	2007
Builder	No Limit Ships B.V., the Netherlands
Range / Endurance	30 nautical miles
Classification	Lloyds Register, 100 A1, LMC up to 30 Nm, SSC PATROL MONO HSC, G2

General dimensions

Length overall	16.40 m
Length between perpendiculars	14.66 m
Breadth overall	5.20 m
Air draft	3.50 m
Breadth moulded	4.32 m
Draft	1.20 m
Gross tonnage	34 tons
Light ship weight	29 tons

Accommodation

Marine crew	2 persons
Passengers	12 persons
Bed space / 2 cabins	2 x 1 persons
Crew facilities	Toilet, shower and complete galley on board. Airco and heating in all compartments

Machinery / Propulsion

Propulsion	Diesel
Diesel engines	MAN 2 x 412 kW (2x 560hp)
Generator(s) + inverter	16 kW + 7kW

Speed / Consumptions

Speed (max.)	max. 14 knots (C-rating) at 100% load
Survey speed	4-10 knots

Capacities

Fuel	4.000 litres
Fresh water	1.000 litres
Grey / black water	400 litres

Survey equipment

Multibeam	Kongsberg EM2040C (hull mounted), dual transducer, 200/300/400 kHz
Singlebeam	Kongsberg EA400 (hull mounted), 38/200 kHz
Gyro / motion reference	IXSEA Hydrins II
Hydr. positioning	Trimble SPS855, GPS/GLONASS RTK/DGPS
Sound velocity probe	Reson SVP 14/15
Sound velocity sensor	Valeport Mini SVS
Others	UPS, Hydrographic computer, 19" rack
Additional	A-frame, over the side pole

Navigation equipment

Radar Kodon MDC 1710P

GPS Navigator Kodon KGP-920

GPS Compass KGC-1

Forward Looking Sonar Echopilot platinum
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Furuno Nextex

Automatic Identification System (AIS)

Communication / Connectivity

2 x VHF Sailor RT 5022

Tronsart

EPIRB MT 400

Boardnet 24V / 230V

Additional operations

Besides having the possibility to go o-shore for fast survey work, the vessel can also be used for client rep / project staff purposes, as guard vessel or for deliveries of parcels, spares and crew.

Transport

The vessel is equipped with hoisting eyes for fast mobilisation/transport purposes. Also transport cradles with container locks are available.

Safety

Personal safety gear	16 persons
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Life rafts	4-6 persons
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Trading area	30 Nm
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