- Survey vessel
- Fast crew tender
- Multibeam
- Comfortable work environment
- Hoisting eyes

GEO PLUS
NETHERLANDS

Geo Explorer

Survey Vessel

Classification / Flag / Registration

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

General dimensions

Length overall	:	16.40 m
Length between perpendiculars	:	14.66 m
Airdraft	:	3.50 m
Breadth moulded	:	4.32 m
Breadth overall	:	5.20 m
Draft	:	1.20 m
Gross Tonnage	:	34 tons

Geo Plus Survey BV

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Accommodation

Passenger Seats	:	12 persons
Bedspace / 2 Cabins	:	2x1 persons

- Toilet, shower and complete kitchen on board
- Wheelhouse Crew seats, Norsap NS800 Sea
- Airco and heating in all compartments

Speed

Speed	:	max. 17 knots
Survey speed	:	8-10 knots

Capacities

Fuel	:	4000 liters
Fresh water	:	1000 liters
Grey/black water	:	400 liters

Survey Equipment

Multibeam	:	Kongsberg EM3002D (hull mounted), 300 kHz
Singlebeam	:	Kongsberg EA 400 (hull mounted), 38/200 kHz + 710 kHz
Gyro/Motion reference	:	IXSEA Hydrins II
Hydr. Positioning	:	Trimble SPS855, GPS/GLONASS RTK/DGPS
Sound Velocity Probe	:	Reson SVP14/15
Sound Velocity Sensor	:	Valeport Mini SVS
Hydrographic Software	:	QPS QINSy and Qloud
Hydrographic computer		
UPS		
Moonpool	:	78 x 63 cm

Mobile survey equipment is available for quick installation:
- Side scan sonar with winch (150m)
- CNav-GPS
- Over the side mount
- 19" rack
- Riegl, VQ-250

Navigation

- Radar Koden MDC 1710P
- GPS Navigator Koden KGP-920
- GPS Compass KGC-1
- Forward Looking Sonar Echopilot platinum
- Furuno Navtex
- Automatic Identification System (AIS)

Communication / Connectivity

- 2x VHF Sailor RT-5022
- EPIRB MT 400
- Tronsart
- Boardnet 24V / 230V

Machinery / propulsion

Main diesel engines	:	MAN 2x 412 kW(2x 560 hp)
Generator + inverter	:	12 kVA

Multifunctional work deck

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

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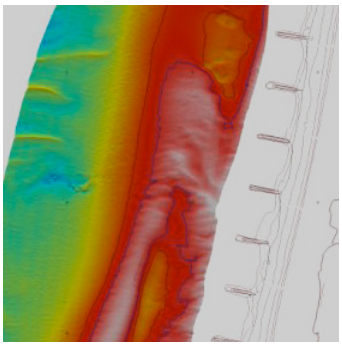


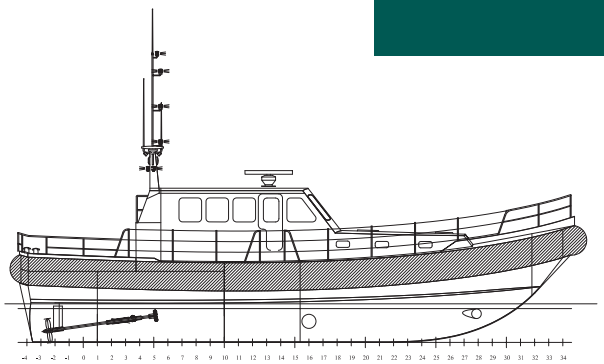
Tekst

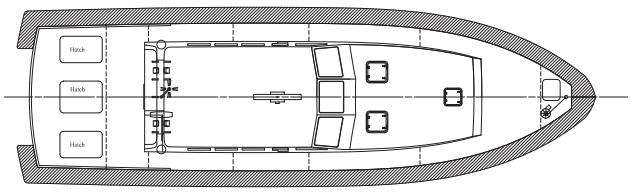
Additional Facilities

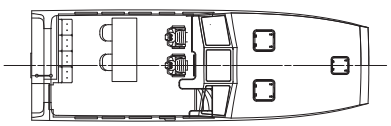
Besides having the possibility to go off-shore for fast survey work the vessel can be used as well for client rep/ project staff purposes, Guard vessel, parcels, spares and fast crew deliveries offshore.

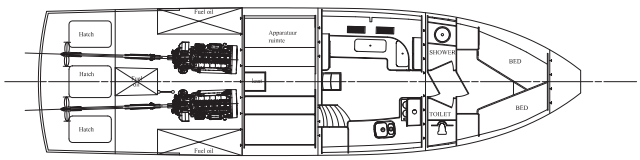
Safety

Personal Safety Gear	:	16 persons
Life Rafts	:	4x 8 persons
Trading Area	:	30 Nm
Marine Crew	:	2 persons









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