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
Light ship weight	:	29 tons

Geo Plus BV
Kerklaan 55
P.O. Box 45
9679 ZG Scheemda (NL)
+ 31 (0) 597 595 500
info@geoplus.nl
www.geoplus.nl

Accommodation

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

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

Speed

Speed	:	max. 14 knots (C-Rating)
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	:	QINSy
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
- Full foamed new fenders (2017)

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)
Generators + inverter	:	7 kW generator and 6 kW inverter and second generator 16 kW

Multifunctional work deck

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

Details on this specification are subject to change without notice.

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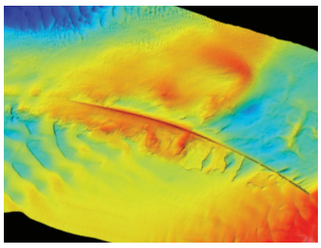
GEO PLUS NETHERLANDS



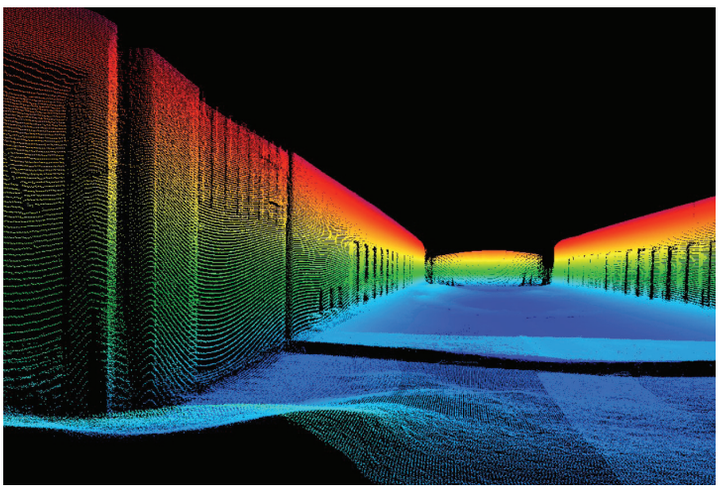
Geo Explorer:
For six consecutive years in Siberia

Additional Facilities

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

Safety

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



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Multifunctional survey vessel

Easy to install project specific sensors

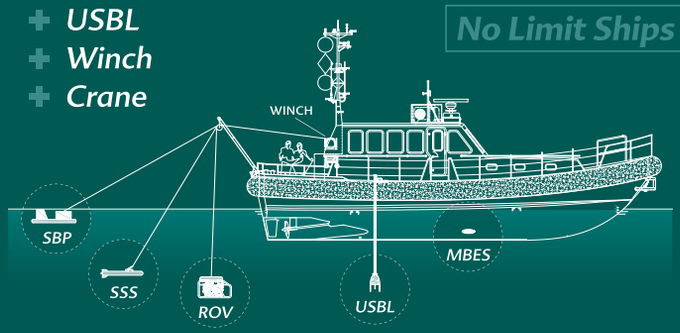
For instance:

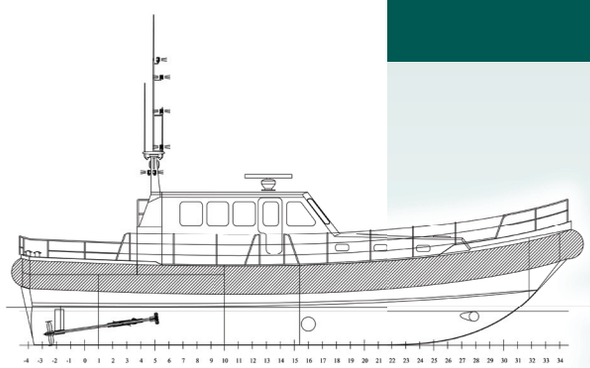
- *ROV (inspection class)*
- *Multibeam*
- *Side Scan Sonar*
- *Magnetometer*
- *Subbottom profiler*
- *USBL*
- *Winch*
- *Crane*

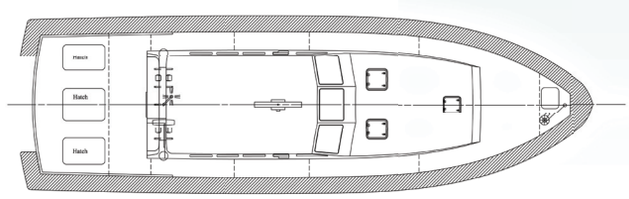
Installation:

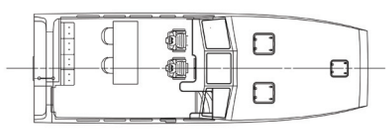
- *A-frame*
- *Moonpool*
- *Over the side*
- *Hull mounted*

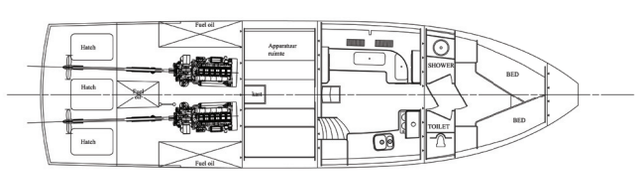
No Limit Ships











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