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

GEO PLUS NETHERLANDS

Geo Connection

Survey Vessel

Classification / Flag / Registration

Vessel Name	:	Geo Connection
Owner	:	Geo Tender II B.V.
Flag	:	Dutch
Call sign	:	PCFZ
IMO	:	9590371
Port of registry	:	Eemshaven
Built	:	2010
Builder	:	No Limit Ships B.V.
Range	:	30 nautical miles
Classification	:	Lloyd's Register class 100A1 SSC PATROL MONO HSC G2 LMC up to 30 Nm
GMDSS	:	A1 + A2

General dimensions

Length overall	:	16.70 m
Length between perpendiculars	:	14.66 m
Airdraft	:	3.50 m
Breadth moulded	:	4.50 m
Breadth overall	:	5.26 m
Draft	:	1.30 m
Gross Tonnage	:	36 tons
Light ship weight	:	32 tons

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Eenrumermaar 2
9735 AD Groningen (NL)
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9700 AC Groningen
+ 31 (0) 50 588 7272
info@geoplus.nl
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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. 18 knots (C-rating) at 100% load
Survey speed	:	8-10 knots

Capacities

Fuel	:	4000 liters
Fresh water	:	900 liters
Grey/black water	:	400 liters

Survey Equipment

Multibeam	:	Kongsberg EM3002D (hull mounted), 300 kHz
Singlebeam	:	Kongsberg EA 400 (hull mounted), 38/200 kHz
Gyro/Motion reference	:	IXSEA Octans 4
Hydr. Positioning	:	Trimple SPS55, GPS/Glonass RTK/DGPS
Sound Velocity Probe	:	Reson SVP14/15
Sound Velocity Sensor	:	Valeport Mini SVS
Hydrographic Software	:	QINSy
Hydrographic computer		
UPS		

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

Navigation

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

Communication / Connectivity

- VHF Sailor RT-5022
- VHF radiotelephone Entel HT 649
- EPIRB MT 403FF
- Boardnet 24V / 230V
- MF/HF Radio

Machinery / Propulsion

Main diesel engines	:	Volvo 2x 478 kW (2x 650 hp)
Generator + inverter	:	17 kW + 9 kW

Multifunctional work deck

The vessel is equipped with hoisting eyes for fast mobilisation/transport purposes. Also transport cradle with container locks is available.
A-frame suitable for lifting 100 kg is on the aft deck.

Details on this specification are subject to change without notice.

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Survey Vessel

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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.

Sustainable Features

Low sulphur fuel + LED illumination.

Safety

Survival craft SART McMurdo S4

Personal Safety Gear	: 16 persons
Life Rafts	: 2x 16 persons
Trading area	: 30 Nm
Marine Crew	: 2 persons

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Multifunctional survey vessel

Easy to install project specific sensors

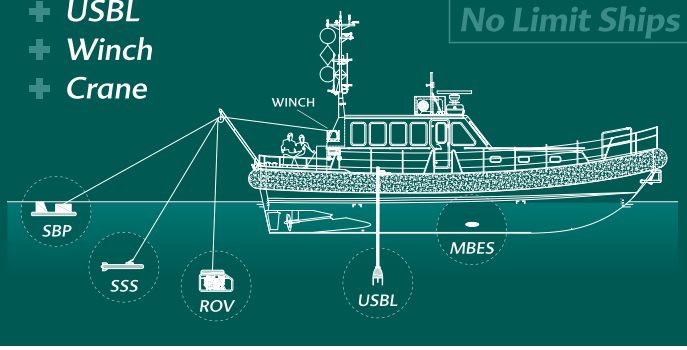
For instance:

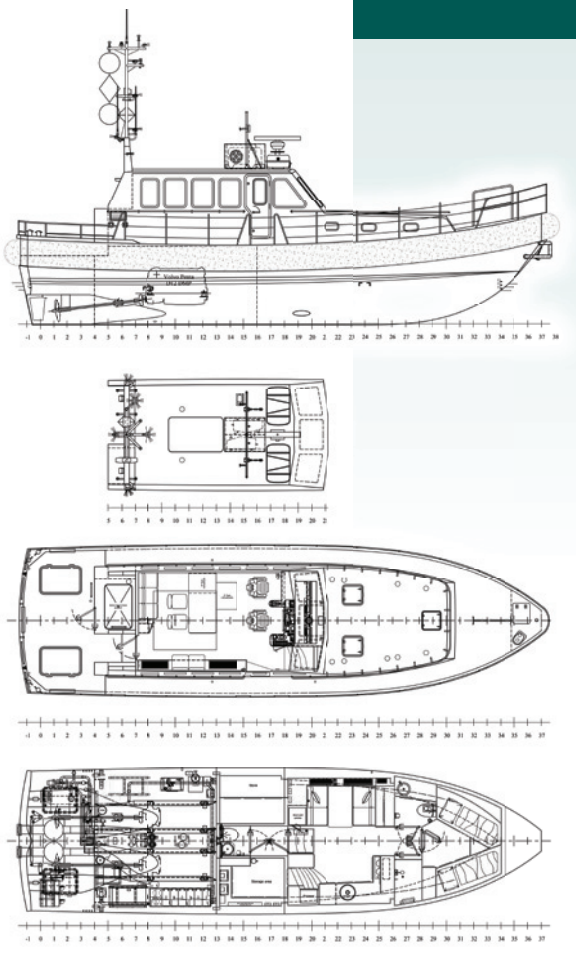
- *ROV (inspection class)*
- *Multibeam*
- *Side Scan Sonar*
- *Magnetometer*
- *Subbottom profiler*
- *USBL*
- *Winch*
- *Crane*

Installation:

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

No Limit Ships





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