GEO PLUS
NETHERLANDS

Geo Cat

Survey Vessel

Classification / Flag / Registration

Vessel Name	:	Geo Cat
Owner	:	Geo Plus B.V.
Flag	:	Dutch
Call sign	:	PHPC
Port of registry	:	Eemshaven
Built	:	2005
Builder	:	South Boats Ltd, England
Range	:	30 nautical miles
Classification	:	Register Holland

General dimensions

Length overall	:	10.98 m
Length between perpendiculars	:	9.89 m
Height	:	5.50 m
Breadth overall	:	5.00 m
Draft	:	1.12 m
Gross Tonnage	:	10 tons

Geo Plus Survey BV

Kerklaan 55
P.O. Box 45
9679 ZG Scheemda
(The Netherlands)

+ 31 (0) 597 595 500

info@geoplus.nl
www.geoplus.nl

Accommodation

Capacity of passengers : 6-10 persons

- Toilet, shower and complete kitchen on board
- 3x Wheelhouse Crewseats
- Heating in all compartments

Speed

Speed	:	max. 12 knots
Survey speed	:	8-10 knots

Capacities

Fuel	:	1150 liters
Fresh water	:	200 liters

Survey Equipment

Multibeam	:	Kongsberg EM3002 (hull mounted) 300 kHz
Singlebeam	:	Kongsberg EA 400 (hull mounted) 710 kHz + 33/210kHz
Gyro/Motion reference	:	IXSEA Octans 3
Hydr. Positioning	:	AD Navigation DC201 GPS/Glonass RTK
Sound Velocity Probe	:	Reson SVP14/15
Sound Velocity Sensor	:	Valeport Mini SVS
Hydrographic Software	:	QPS QINSy and Qloud
Hydrographic computer		
UPS		

Two over the side-mount available for quick installation of sub-bottom profilers, side scan sonar (also towed), Riegl-VQ-250 or other equipment. Possibility for retractable unit on the bow (maximum 12 meter pole) for use with sensors (like magnetometer).

Navigation

- GPS Navigator Leica MX420
- Radar/Chartplotter Furuno 8062
- Video Sounder Raymarine L1260
- Digital Echo Sounder Raymarine L770
- Autopilot Raymarine ST6001
- Raymarine 430 Loudhailer, 30 Watt
- Automatic Identification System (AIS)

Communication / Connectivity

- VHF Sailor RT-2048
- VHF Sailor RT-4822 (DSC)
- Boardnet 24V / 230V

Machinery / propulsion

Main diesel engines	:	2x IVECO 130 kW
Generator + inverter	:	7 kW

Additional Facilities

- Frame for fixing winch on deck with cable-handling
- Large workdeck

Safety

Personal Safety Gear	:	12 persons + 3 Crew
Life Rafts	:	2x 8 persons
Trading Area	:	30NM
Marine Crew	:	2 persons

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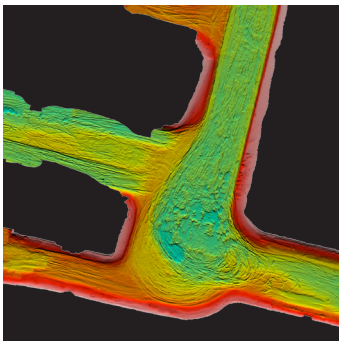

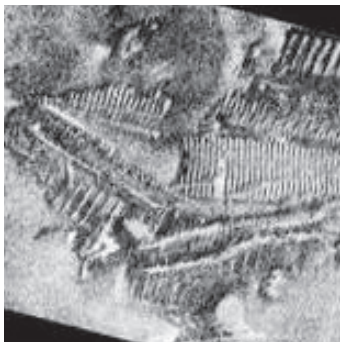

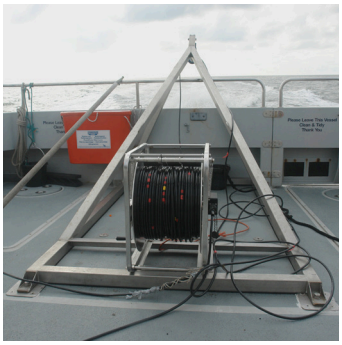

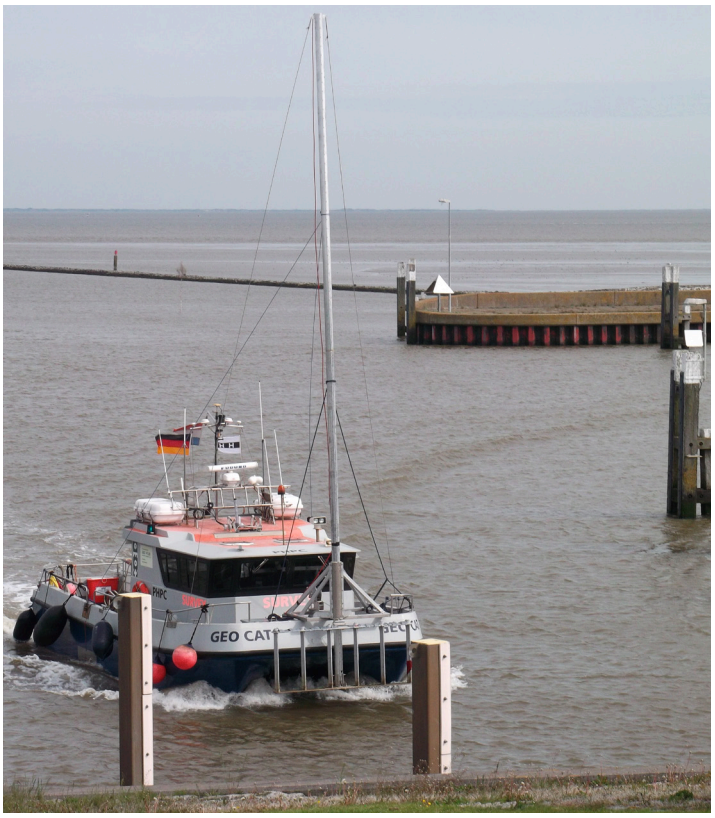

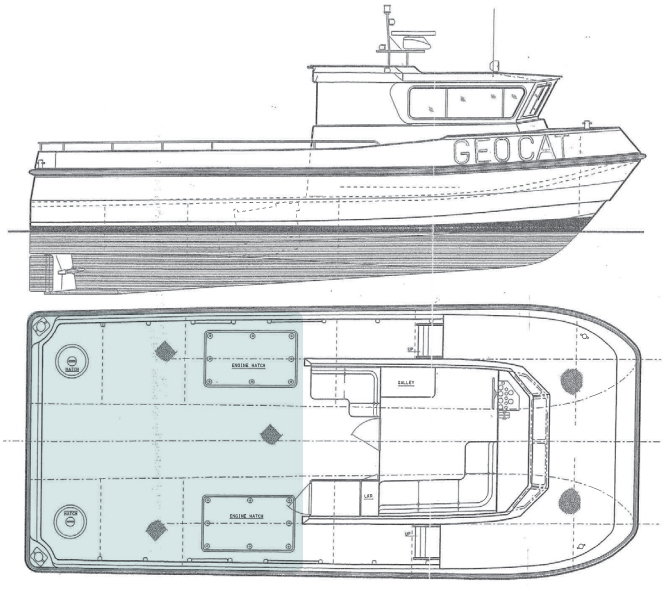

= Workdeck (16 m²)

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