



Vessel Specification Sheet

Geo Motion Nearshore Survey Vessel



- + Survey vessel
- + Fast crew tender
- + Multibeam EM 2040 C
- + Comfortable work environment
- + Hoisting eyes

Classification / Flag / Registration

Vessel name	Geo Motion
Owner	Geo Tender III B.V.
Flag	Dutch
Call sign	PBUJ
IMO number	9606857
Port of registry	Eemshaven, The Netherlands
Built	2011
Builder	No Limit Ships B.V.
Range / Endurance	30 nautical miles
Classification	Lloyd's Register class 100 A1 SSC PATROL MONO HSC G3 LMC up to 30 nm

General dimensions

Length overall	16.70 m
Length between perpendiculars	14.66 m
Air draft (mast down)	3.50 m
Breadth moulded	4.50 m
Breadth overall	5.26 m
Draft (summer)	1.30 m
Gross tonnage	36 tons
Light ship weight	32 tons

Accommodation

Cabins	Bed space/2 cabins: 2 x 1 pax
Total accommodation	12 pax
Crew facilities	Toilet, shower and complete galley on board, wheelhouse crew seats, Norsap NS800 Sea, airco and heating in all compartments.

Deck

Facilities	Multifunctional work deck: The vessel is equipped with hoisting eyes for fast mobilisation/ transport purposes. Also transport cradles with container locks are available. A-frame suitable for lifting 100 kg is on the aft deck.
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Machinery / Propulsion

Main engine(s)	Volvo 2x 515 kW (2x 700 hp)
Generator(s) + inverter	17 kW + 9kW

Speed / Consumptions

Speed (max.)	18 knots (C-rating) at 100% load
Survey speed (hybrid)	4-10 knots

Capacities

Fuel	4.000 litres
Fresh water	900 litres
Grey / black water	400 litres

Survey equipment

Multibeam	Kongsberg EM2040C (hull mounted), dual transducer, 200/300/400 kHz
Singlebeam	Kongsberg EA 400 (hull mounted), 38/200 kHz
Gyro / motion reference	XSEA Hydrins III, Gyro & motion
Sound velocity probe	Reson SVP14/15
Sound velocity sensor	Valeport Mini SVS
Others	Hydrographic software: QINSy. Hydrographic computer: 1x online PC, UPS