



Classification / Flag / Registration

Vessel name	Geo Master
Owner	Mainport NSR Ltd.
Flag	Marshall Islands
Call sign	To be confirmed
IMO number	To be confirmed
Port of registry	Majuro
Built	2026
Builder	Neptune Construction B.V., The Netherlands
Classification	Lloyds Register, 100 A1, LMC, UMS, SSC Workboat, G4, DP (AM)

General dimensions

Length overall (excl. fenders)	41.20 m
Length overall (incl. fenders)	41.60 m
Length between perpendiculars	39.55 m
Length waterline	41.12 m
Breadth moulded	8.70 m
Depth to maindeck	4.25 m
Draft (design)	2.25 m
Draft (max.)	2.40 m
Air draft	14.80 m
Gross tonnage	498 GT
Light ship weight	421 tons

Accommodation

Single cabins	3
Double cabins	9
Total accommodation	21 persons (incl. 7 marine crew)
Comfort cabins	Each cabin provided with toilet and shower and individual controlled air conditioning unit
Facilities	2 x dayroom, mess room, gym, changing room, internet, TV, game console

Machinery / Propulsion / DP

Propulsion	Diesel / EN590 / HVO100
Generator sets	4 x Volvo Penta D13 (FE) prime power, IMO Tier III 332kW @ 1500 rpm
Stern thrusters	2 x Veth Azimuth Thrusters (L-drive VL-400si) with E. motor, 400 kW @ 1500 rpm
Bow thrusters	2 x Veth Tunnel Thrusters (VT-180), 192 kW @ 1800 rpm
Dynamic Positioning	DPI Kongsberg (K-POS) DP11 / DP11 prepared

Capacities

Fuel	59 m ³
Urea	6 m ³
Fresh water	49 m ³
Sewage sludge	5.6 m ³
Grey water	103 m ³
Technical fresh water	101 m ³
Fresh water generator	Aquamarine; capacity 3,500 l / 24 h

Survey equipment

Multibeam	R3VOX Voxometer XL
USBL positioning	Kongsberg HiPAP 502, hydraulic Gate Valve, transducer depth measurement
Gyro / Motion reference	Kongsberg Seapath 385+ / Exail Hydrins
Current profiler	NORTEK Signature 500 VM ADCP
Positioning	Kongsberg Seapath 385+ / Veripos LD900
Survey room	3 x Surveyor desk, 1 x DP desk, 19" rack, meeting table, view on work deck, cable boxes for easy and quick installation of additional equipment
Office	Separate oce with 2 x Surveyor desk, flex workspace for survey/crew in wheelhouse
Sound velocity probe	Valeport Swift (optional)
Others	Geometry report, Easy access survey mast

Multifunctional work deck

Deck space	100 m ²
A-frame	Height 7 m, SWL 8 tons, outreach 4.25 m back- and 3.10 forward of rotation point
Deck crane	Heila HLRM 65-5S including a 2T winch
Moonpools	2 x 1200 mm square, hydraulic operated deployment systems, easy/quick and safe installation of equipment and cables
Provided power (for client equipment)	4 x 63 ampere (400V), 4 x 32 ampere (400V), 4 x 16 ampere (230V), 2 x 90 KVA (500V)
Other facilities	Grid of container fittings to install 10 ft / 20 ft containers, removable railings, fresh water tap, easy cable entry from work deck to technical room and survey room, frame for installation of winches. Deckload > 45T, 2T/m ² – locally 3.5T/m ²

Entertainment / Leisure

Gym
WiFi
SAT TV system + TVs (4x)
2 x dayroom, messroom
Game console

Navigation equipment

Kongsberg K-Bridge Integrated Navigation System
X-band radar, 25 kW, 2.4 m radar antenna
X-band radar, 10 kW, 2.4 m radar antenna
ECDIS (dual)
DGNSS/DGPS
AIS
Echo sounder
Speed log
Anemometer (2x)
GMDSS A2:
- Sailor 6222 VHF radio simplex w/DSC (2x)
- Sailor 6310 MF/HF DSC Class A
- NAVTEX Sailor 6391
EPIRB TRON 60S
SART TRON SART 20 (2x)
VHF radio EM stations SP3520 (3x)
VHF radios Motorola DM440 (2x)
VHF radio Portable ATEX VHF Motorola DP4401 (5x)
CCTV
Autopilot and Track Control System
Sound Reception System
BNWAS

Communication / Connectivity

Internet	Inmarsat NexusWave, Ku-band
WiFi	Throughout the vessel
TVRO / TV	Inmarsat NexusWave
Data transmission	Starlink system

Sustainable features

Diesel Electric propulsion, heat recovery system, low fuel consumption, low noise, full LED lighting. Possible to run on 100% bio-fuel (HVO)