



### CLASSIFICATION / FLAG / REGISTRATION

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

### GENERAL DIMENSIONS

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

### ACCOMMODATION

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

### MACHINERY / PROPULSION / DP

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

### CAPACITIES

<b>Fuel</b>	59 m <sup>3</sup>
<b>Urea</b>	6 m <sup>3</sup>
<b>Fresh water</b>	49 m <sup>3</sup>
<b>Sewage sludge</b>	5,6 m <sup>3</sup>
<b>Grey water</b>	9 m <sup>3</sup>
<b>Technical fresh water</b>	101 m <sup>3</sup>
<b>Fresh water generator</b>	Aquamarine; capacity 3,500 l / 24 h

### SURVEY EQUIPMENT

<b>Multibeam</b>	Kongsberg EM2040 Dual RX, 0.4x0.7 Moonpool Mounted (200/300/400 kHz)
<b>USBL positioning</b>	Kongsberg HiPAP 502, hydraulic Gate Valve, transducer depth measurement
<b>Gyro / Motion reference</b>	iXblue Hydrins III
<b>Current Profiler</b>	NORTEK Signature 500 VM ADCP
<b>Positioning</b>	Trimble SPS855, C-nav 3050
<b>Survey room</b>	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
<b>Office</b>	Separate oce with 2 x Surveyor desk, flex workspace for survey/crew in wheelhouse
<b>Sound Velocity Probe</b>	Valeport Swift (optional)
<b>Others</b>	Geometry Report: Starmountain, Easy Acces Survey Mast

### MULTIFUNCTIONAL WORK DECK

<b>Deck space</b>	100 m <sup>2</sup>
<b>A-frame</b>	Height 7 m, SWL 8 tons, outreach 4,25 m back- and 3,10 forward of rotation point.
<b>Deck crane</b>	Heila HLRM 65-5S including a 2T winch
<b>Moonpools</b>	2 x 1200 mm square, hydraulic operated deployment systems, easy/quick and safe installation of equipment and cables
<b>Provided power (for client equipment)</b>	4 x 63 ampere (400V), 4 x 32 ampere (400V), 4 x 16 ampere (230V), 2 x 90 KVA (500V)
<b>Other facilities</b>	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 <sup>2</sup> – locally 3.5T/m <sup>2</sup>

### ENTERTAINMENT / LEISURE

Gym
WiFi
SAT TV system + TV's (4x)
2 x dayroom, messroom
Game Console

### NAVIGATION EQUIPMENT

Kongsberg K-Bridge Integrated Navigation System
X-band radar, 25 kW, 1.8 m radar antenna
X-band radar, 10 kW, 1.8 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

<b>VSAT</b>	Intellian V100GX, Ku-band
<b>LTE (3G/4G)</b>	Poynting OMNI-291 Ultra-Wide Omni-directional Marine & Coastal LTE & WiFi antennnes
<b>WiFi</b>	Throughout the vessel
<b>TVRO / TV</b>	Intellian T100w TVRO
<b>Data transmission</b>	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).