



Survey vessel: Noortruck

with offshore capabilities



Vessel Specifications

Registration

Flag	German
Length overall	53.7m
Beam	11.0m
Draft	2.9-3.55m

Accommodation

Total 17 berths for 24hr operations:
11 x single berth, 3 x twin berth

Survey acquisition/processing room
Fully equipped kitchen
TV room

Performance

Service speed	13 knots max
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Survey Equipment

Positioning System	Applanix POS MV OceanMaster
Motion Sensor	Applanix POS MV IMU
Multibeam Echosounder	Kongsberg EM 2040-04 (200–400kHz, Dual-Head, Dual-Swath, Hull Mounted)
Side Scan Sonar*	EdgeTech 4200 Multi-Pulse (300–900kHz)
Magnetometry*	Geometrics G-882 marine magnetometer or gradiometer
Sound Velocity	2x Valeport miniSVS and 2x AML X2change
Sub-surface Positioning*	Sonardyne Ranger 2 USBL
Navigation Software	QPS QINSy Integrated Navigation Solution

Propulsion

Main Engines	2 x MWM TBD 440-8, 1.620KW at 880rpm
Generators	750KW total electric power
Bow Thruster	Brunvoll, cpp 280KW
Stern Thruster	Stern Thruster Brunvoll, cpp 280KW

Tanks

Fuel capacity	342–420ts
Fresh Water	123ts

Navigation

Radar	2x Furuno FAR-217 BB
DGPS	2x Furuno GP-150
Echo Sounder 1	FCV-585
Echo Sounder 2	Furuno FE-700
Echo Sounder 3	Lowrance Sonar Structure Scan
Auto Pilot	Navitron NT951G

Communications

MF/HF DSC	Furuno FS-1570
Inmarsat C	Furuno Felcom 15
VHF DSC	2x Furuno FM-880S
VHF 2	Sailor 2048
Phone/Broadband	Furuno Felcom 250, TracPhone V7 HTS

Deck

Anchors	4 point-anchor system
Crane	Hydraulic Iron Fist – SWL 8ts at 17m, 17–27ts at 6.5m
Aft Deck Tugger Winch	5ts
Deck space	261sqm
Side Mounted Pole	1x hydrodynamic side mounted survey pole

Safety Equipment

Standard	6.6m Rescue Boat
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**Equipment is optional and can mobilised and de-mobilised as required, along with additional equipment upon request.*