

Fuel Consumption figures (numbers are approximate, without guarantee)

Calm water, no adverse current 8 knots 8.6 m ³ / 7.4 mts/day 9 knots 11.5 m ³ / 9.9 mts/day 10 knots 15.0 m ³ / 12.9 mts/day 11 knots 18.2 m ³ / 15.7 mts/day 12 knots 21.6 m ³ / 18.6 mts/day 13 knots 24,0 m ³ / 20.6 mts/day	Calm water, no adverse current 14 knots 27.0 m ³ / 23.2 mts/day DP 8.3 m ³ / 7.1 mts/day (3 gen) Green DP 5.3 m ³ / 4.6 mts/day (1 gen) Standby field 4.5 m ³ / 3.9 mts/day (1 gen) Harbour 4.0 m ³ / 3.4 mts/day (1 gen)
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Accommodation

Accommodation for 100 persons (SPS) 3 State Cabins (sep. bed-room) 14 x 1-man cabin 37 x 2-man cabin 3 x 4-man cabin	1 Conference room 2 Mess room 1 Day room 1 Gymnasium 1 Hospital
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Cargo - Tank Capacities / Pumps

Tank	Pump
Ballast water/drill water 2861 m ³	3x Allweiler vertical single-satge pump 150 m ³ /hr 90mlc 9 Bar 75 m ³ /hr 22mlc 9 Bar
Fresh water (14 dedicated) 814 m ³	2x Allweiler vertical single-satge pump 150 m ³ /hr 90,4m head 8,9 Bar 80 m ³ /hr 22,6m head 8,9 Bar
Dry bulk (5 tanks) 273 m ³	2 Segregated systems 2x Oil-injected rotary screw compressor 2x30,0 m ³ /oper. pressure 5,6 bar, max 6 bar
Base oil (3 combo – Mud/ORO) 500 m ³	2 x 2- screw horizontal screw pump 100m ³ /hr 90mlc, 9,0 Bar
Fuel Oil (9 dedicated) 1359m ³	2 x 2- screw horizontal screw pump 250 m ³ /hr 90mlc, 9 Bar
Liquid mud SG 2,8 (15 combo) 2323 m ³	2 x 100m ³ /hr 90m head 24 Bar
Brine –SG 2,5 (8combo) 1520 m ³	2 x horizontal eccentric screw pump 100m ³ /hr 90m head 20,3 Bar
ORO (13 tanks) 2072 m ³	All NOFO 2009 approved
Methanol / Special Products SG 2,8 (not fully commissioned) (4 combo Mud/ ORO) LFL* below 43° 307 m ³	4 x Allweiler / Vogelsang 75m ³ / 90 mlc 12 Bar
Slop tank 44 m ³	1x2- horizontal screw pump 100 m ³ /hr 9 Bar
Dispersant 73 m ³	
4 manifolds, all outside cargo deck (in safe havens) two on each side and two PS/SB aft	
Mud Box installed on all filling lines 15 Allweiler submerged hydraulic agitators	
The piping arranged as two systems capable of discharging two types of bulks simultaneously through two separate discharge lines. Mucking ejector fitted. 2 fresh water cool air dryers with automatic drain water Tank air vent system are fitted with two independent dust cyclones and collection system	

Cargo - Tank Capacities / Pumps

Tank Cleaning – VAMO 2/2,5/5 Ejector

16 Tank washing machines (all in combo tanks) 10m³/hr – 12 bar – 60°C (T-82)**Deck Equipment**

MacGregor Crane

1 el-hydr. knuckle boom

Lifting capacity SWL 3t/15m, 2t/18m

Hoisting speed: 75 m/min (Rescue).

Dynamic Factor: 15%

Approved for rescue basket and MOB Boat

Mariner Deck Crane

1 el-hydr. boom

Lifting capacity SWL 15t/4-13,5m

Hoisting speed: 20 m/min (empty hook)

Dynamic Factor: 17%

2 x Tugger winches (15mt)

(SB incl 300mtr towrope – NOFO 2009)

2 x Capstans (10mt)

6 x Cargo securing winch, 3 each side (2mt)

Max Deck: 18,30m x 52,37m: 906m²Usable Deck: 18,30m x 45,03m: 824m²**Various**

4 Sea chest High/Low w/ Ice chest

2 Separate Sea inlets for FiFi pumps

CCTV monitoring system, 17 cameras and 6 monitors, monitoring all machinery equipment and deck areas.

Removable Bulwark at stern (7m x 1,8m)

Hydraulic operated (NOFO 2009)

Oil Radar according to NOFO Standard 2009

2 RO plants (reverse osmosis fresh water maker). NORWATER NWE8-30; NWE8-30/20

FIFI II Equipment

2 remotely operated FiFi II monitors on wheelhouse top

1 remote operated FiFi II monitor on bow/mooring deck (Iceberg management)

All 3600m³/hr each2x FiFi pumps, 7200m³/hr (2x 3600)

Permanently installed water spraying system with sprinkle nozzles and water shield nozzles

MOB / StandbyFRC – Mare GTC 700-2VD - 10 Pax,
2 Yanmar 4JH Solas engines, water jet type,
max speed 35 kn

2 Lifeboats, each 50 persons

6 Life rafts, 105 persons each side

Standby Vessel (S) 270 persons (Opt)

DP Interfaces & Position ref. systems

K-Pos DP-21 Included GreenDP® Control

3 Gyrocompass Interfaces.

3 MRU-D / 5 Interfaces.

1 RADIUS 1000 D Dual

1 CyScan Mk4 Laser Ref System

1 VDR.

3 Wind Sensor Interfaces.

3 DGPS Interface.

De-ice Equipment

DNV Notation DEICE Category I & II

De-Ice for temperature up to -30 degrees

Anti-Icing and anti-freezing to maintain surface temperatures of at least + 3 degrees

DP Interfaces & Position ref. systems	De-ice Equipment
2 RADIUS 700X EX Transponder	

Particulars believed to be correct, but without guarantee. Revision 27/08/2024