



## CONSTRUCTION / CLASSIFICATION

Vessel built by	Drydocks World, Singapore
Year of built	2011
Classification	I ✘ HULL ✘ MACH Offshore support vessel (Anchor handling; Unrestricted navigation, ✘ AVM-DPS, ✘ AUT- UMS, ✘ SYS-NEQ-1, ✘ SYS-IBS, MON-SHAFT, GREEN PASSPORT, CLEANSHIP, ✘ DYNAPOS AM/AT R
Flag	Belgian
Port of registry	Antwerp

## FEATURES

Accommodation	100 berths, 14 x single cabins & 9 x double cabins & 17 x 4 person cabins, all with private facilities
Bunker capacity	2,120 m <sup>3</sup> including Chain-locker and fuel tanks
Fuel tanks	580 m <sup>3</sup>
Other tanks	Chain-locker: 797.4 m <sup>3</sup> Aft 2 chain-lockers for dual use (Fuel/chain)

Discharge capacity	
Potable water	250 m <sup>3</sup> /hr @ 9 bar
Fuel oil	250 m <sup>3</sup> /hr @ 9 bar

## MAIN DATA

Length overall	93.4 m
Length BP	82.0 m
Breadth moulded	22.0 m
Depth moulded	9.5 m
Maximum draught	7.8 m
Deadweight	4,344 t
Gross tonnage	6,776 GT
Nett tonnage	2,032 NT
Bollard pull	402 t
Deck area	815 m <sup>2</sup>

## PROPULSION (HYBRID)

Main engine	2x MAK 16M32C, 10,728 BHP each
PTI (Booster motor)	2x 3,000 kW = 4,023 BHP each
Total BHP	29,502 BHP

**THRUSTERS**

Bow tunnel thruster	2 x 1,000 kW, Kamewa TT 2200 DPN CP
Bow azimuth thruster (FWD)	1 x Ulstein Aquamaster TCNS 92/62-220, 1,500 kW, Swing Up, CPP
Stern azimuth thruster (AFT)	1 x Ulstein Aquamaster TCNS 92/62-220, 1,500 kW, Swing Up, CPP
Stern tunnel thruster	1 x 1,000 kW, Kamewa TT 2200 DPN CP
Main propeller	2 x CPP, Ulstein

**ELECTRIC POWER GENERATION**

Main generator	4 x CAT 3516C rated 2,350 kW/ 690 V/ 60 Hz/ 3 Ph
Shaft alternator	2 x 4,000 kW/ 690 V/ 60 Hz/ 3 Ph
Emergency generator	1 x 370 kW/ 690 V/ 60 Hz/ 3 Ph

**DECK EQUIPMENT**

Tugger winch (fwd deck)	2 x 24 t @ 22 m/min, Brattvaag
Tugger/mooring winch (aft deck)	2 x 17 t @ 15 m/min, Brattvaag
Deck crane	1 x ABAS KDE400 AHC Elbow Derrick crane, SWL: 20 t @ 20 m
Cargo rail crane	2 x Rolls Royce Marine SDO Moveable Hydraulic Deck Crane, SWL: 3 t @ 14.3 m, 5 t @ 10 m
A Frame (optional)	1 x 250 t

**TOWING AND ANCHOR HANDLING EQUIPMENT**
**SPECIAL HANDLING DRUM**

Brake/pull	600 t brake, 500 t pull
Drum capacity	14,800 m x 76 mm (Ø) wire rope/ 2,180 m x 203 mm (Ø) synthetic rope

**TOWING / WORKING DRUMS PORT SIDE**

Brake/pull	750 t brake, 450 t pull
Drum capacity	3,500 m x 76 mm (Ø) wire rope/ 490 m x 203 mm (Ø) synthetic rope
Chain Gypsy	2 x 76 mm (Ø), 2 x 97 mm (Ø), 2 x 120 mm (Ø)

**TOWING / WORKING DRUMS STARBOARD**

Brake/pull	750 t brake, 450 t pull
Drum capacity	3,800 m x 90 mm (Ø) Wire rope/ 800 m x 203 mm (Ø) Synthetic rope

Chain Gypsy	2 x 76 mm (Ø), 2 x 97 mm (Ø), 2 x 120 mm (Ø)
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**SECONDARY WINCHES SB & PS**

Brake/pull	210 t brake, 170 t pull
Drum capacity	1,600 m of rope with a fixed diameter of 203 mm Equipped with spooling device

**AFT-DECK**

Karm Fork	2 x Karm Forks, SWL: 800 t (inserts for 50 - 165 mm)
Tow pin	4 x Tow pins, SWL: 800 t
Split stern roller	2 x 2.9 m x 4.5 m (Ø), SWL: 750 t

**SAFETY EQUIPMENT**

Life raft	12 life rafts with max. capacity of 25 persons
Rescue boat	1 x 15 persons, Norsafe MAKO 6,55 m, 5,200 hp
Davit	NDM PRHE 35, SWL: 3.5 t

**ROV SYSTEM**

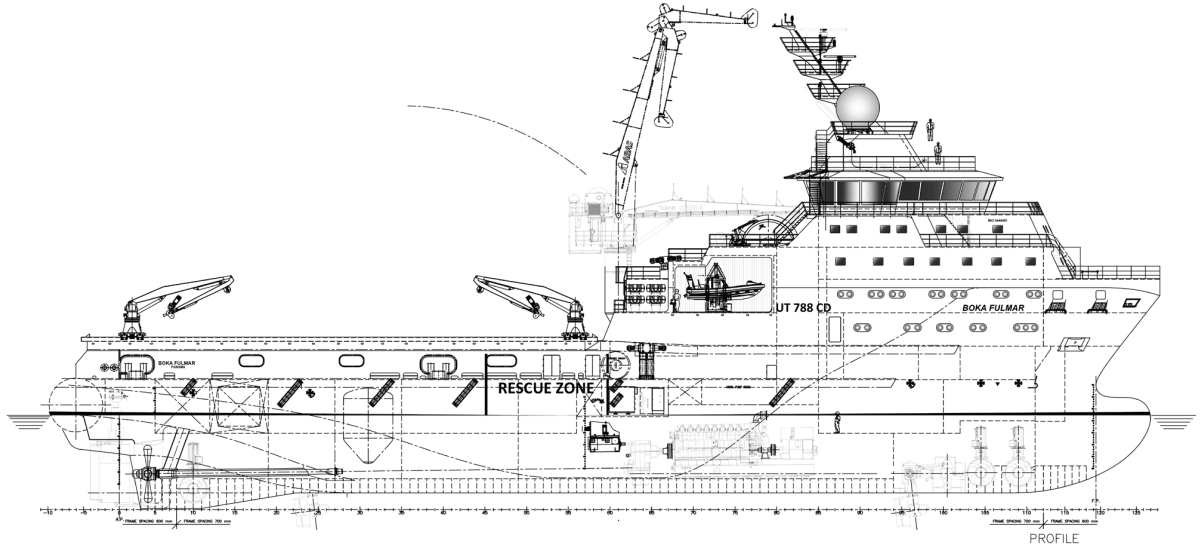
ROV (optional)	Heavy Work Class ROV, working up to depths of 3,000 msw
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**NAVIGATION AND POSITIONING**

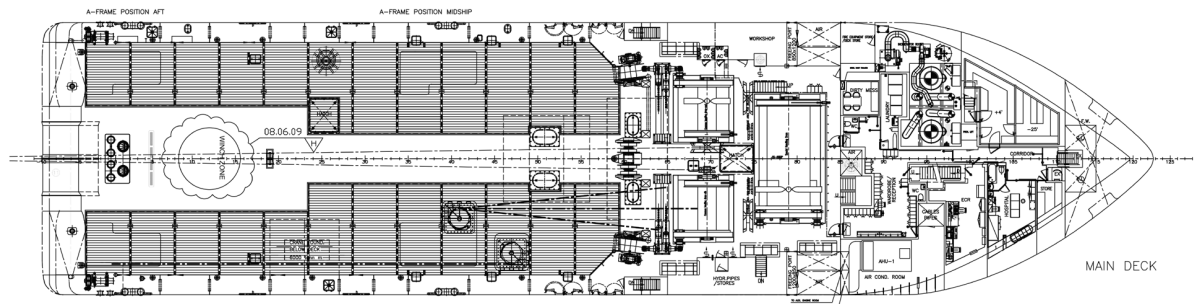
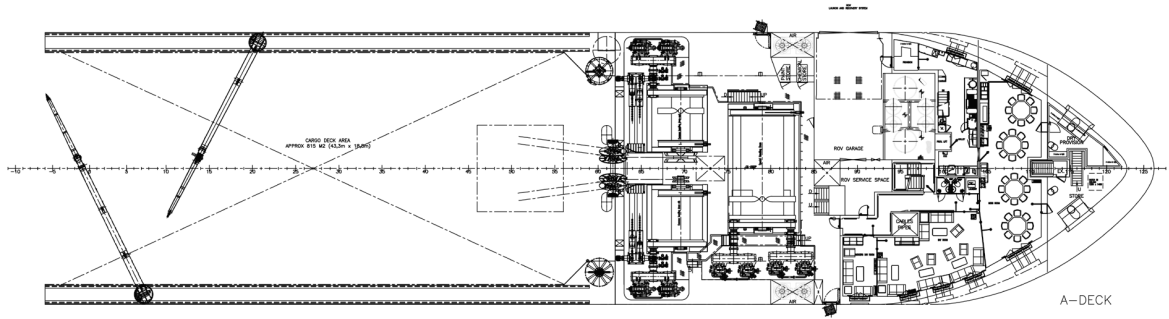
Positioning	Dynamic positioning class II, Rolls Royce Icon DP system
DGPS	2 x DGNSS C-NAV2050 1 x Trimble SPS855
	1 x Cyscan
MRU5	3
Anemometer	2 x RM Young
Gyrocompass	3 x Raytheon Anschutz STD22
ECDIS	1 x Furuno ECDIS FEA-2107
Joystick	RRM PosCon Joystick Fitted
GMDSS	A3

**COMMUNICATION EQUIPMENT**

Inmarsat	2
VSAT	1
Internet system	Starlink



**SIDE VIEW**



**TOP VIEW DECK LEVEL**