

EQUIPMENT SHEET

BOKA FULMAR

AHTS MULTIPURPOSE DP2 OFFSHORE
CONSTRUCTION VESSEL



CONSTRUCTION / CLASSIFICATION

Vessel built by	Drydocks World, Singapore
Year of built	2011
Classification	I ✕ HULL ✕ MACH Offshore support vessel (Anchor handling; Supply HNLS; HNLS 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	1,049 m ³ 1,761.3 m ³ (including Methanol tanks and combination tanks mud/brine)
Other tanks for cargo	Potable water: 1,088.8 m ³ Drill water/SWB: 2,661.5 m ³ Liquid mud/base oil/brine: 712.3 m ³ Chainlockers (total): 800 m ³ Methanol: 196.8 m ³

Discharge capacity

Fuel oil 1 x 250 m³/hr @ 9 bar
Potable water 1 x 250 m³/hr @ 9 bar
Drill water 2 x 250 m³/hr @ 9 bar
Liquid mud 2 x 100 m³/hr @ 24 bar
Base oil 1 x 125 m³/hr @ 9 bar
Brine 1 x 75 m³/hr @ 18 bar
Methanol 2 x 100 m³/hr @ 9 bar

Positioning

Dynamic positioning class II,
Rolls Royce Icon DP system

MAIN DATA

Length overall	93.4 m
Length BP	82.0 m
Breadth moulded	22.0 m
Depth moulded	9.5 m
Design draught	7.7 m
Deadweight	4344 t
Gross tonnage	6776 GT
Netto tonnage	2032 NT
Bollard pull	402 t
Deck area	815 m ²

PROPULSION AND MAIN SYSTEM

Main engine (Hybrid) 2 x MAK 16M32C, 10,728 BHP each

PTI Booster motor	2 x 3,000 kW
Total BHP	29,502 BHP
Propeller	2 x CPP, Ulstein
Azimuth thruster (FWD)	1 x Ulstein Aquamaster TCNS 92/62-220, 1,500 kW, Swing Up, CPP
Bow thruster	2 x 1,000 kW, Kamewa TT 2200 DPN CP
Azimuth thruster (AFT)	1 x Ulstein Aquamaster TCNS 92/62-220, 1,500 kW, Swing Up, CPP
Stern thruster	1 x 1,000 kW, Kamewa TT 2200 DPN CP

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	2 x 24 t @ 22 m/min, Brattvaag
Tugger/mooring Winch (AFT)	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	1 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 AHC capability A Frame for LAR of subsea equipment up to depth of 3,000 msw.
Moonpool	7.0 m x 7.0 m

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
Tugger/mooring winch (AFT)	2 x 17 t @ 15 m/min, Brattvaag
Tugger winch	2 x 24 t @ 22 m/min, Brattvaag

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TOWING/WORKING DRUM (PORT SIDE)

Brake/pull	700 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

TOWING/WORKING DRUM (STARBOARD SIDE)

Brake/pull	700 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

AFT-DECK

Karm Fork	2 x Karm Fork, SWL: 800 t
Tow pin	4 x Tow pin, SWL: 800 t
Split stern roller	2 x 2.9 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, 5,200 hp
Davit	NDM PRHE 35, SWL: 3.5 t

ROV SYSTEM

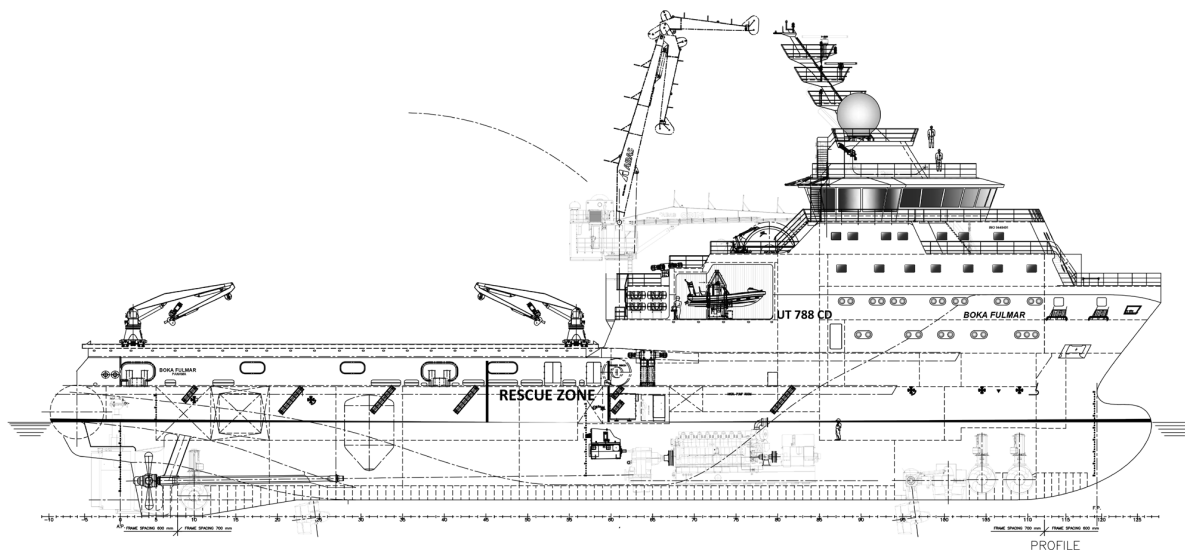
ROV	Heavy Work Class ROV, working up to depths of 3,000 msw
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NAVIGATION AND COMMUNICATION EQUIPMENT

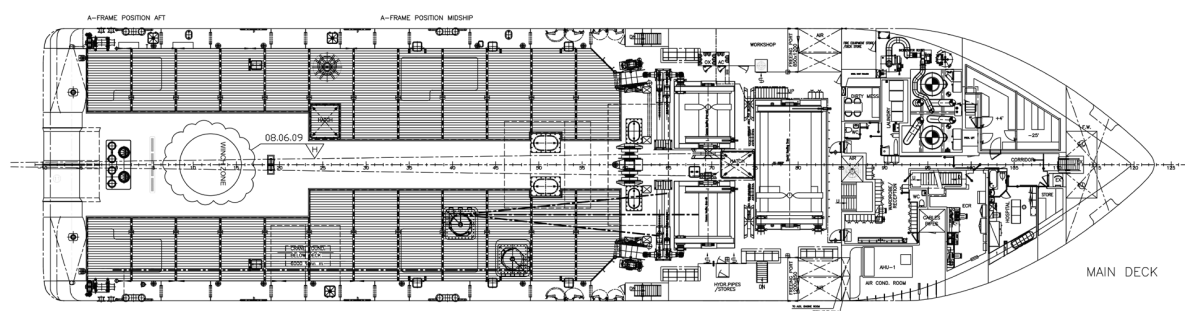
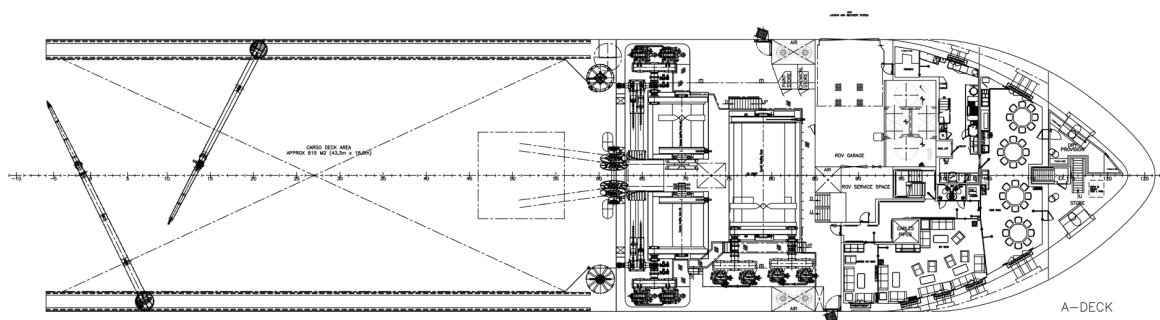
GMDSS (Area 3)	Furuno RC-1800T
Inmarsat	2
VSAT	1
Gyrocompass	3 x Raytheon Anschutz STD22
DGPS	1 x Kongsberg Seatex DPS200/132 1 x Kongsberg Seatex DPS20
Joystick	RRM PosCon Joystick Fitted
Anemometer	2 x RM Young
ECDIS	1 x Furuno ECDIS FEA-2107
SAT TV System	1
MRU5	3

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SIDE VIEW



TOP VIEW DECK LEVEL