

EQUIPMENT SHEET

BOKA FULMAR

AHTS MULTIPURPOSE DP2 OFFSHORE
CONSTRUCTION VESSEL



CONSTRUCTION / CLASSIFICATION

Vessel built by	Drydocks World, Singapore
Year of built	2011
Classification	1 ✕ HULL ✕ MACH Offshore support vessel (Anchor handling; Fire-fighting 1-water spraying; Supply; Tug) Unrestricted navigation ✕ AVM-DPS, ✕ AUT-UMS, ✕ SYS-NEQ-1, ✕ SYS-IBS, ✕ DYNAPOS AM/AT R, MON-SHAFT, GREEN PASSPORT, CLEANSHIP
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
Max filling	2,120 m ³ including moonpool and MUD/BRINE/FUEL tanks - Vessel without moon pool and mud tanks: 790 m ³ - Moon pool: 750 m ³ - Mud/brine/fuel tanks: 580 m ³
Other tanks	Chain-locker: 797.4 m ³ Aft 2 chain-lockers for dual use (Fuel/chain)
Discharge capacity	
Potable water	250 m ³ /hr @ 9 bar
Fuel oil	250 m ³ /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	3,522.5 t
Gross tonnage	6,776 GT
Nett tonnage	2,032 NT
Bollard pull	402 t
Deck area	750 m ²

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

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VERVOLG THRUSTERS

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
Subsea crane	1 x HMC 3568 LKO 250-32 (750-20) (1000-15)(100-34), AHC crane, SWL: 100 t @ 15 m, wire length 2,270 m
Cargo rail crane	1 x Rolls Royce Marine SDO Moveable Hydraulic Deck Crane, SWL: 3 t @ 14.3 m, 5 t @ 10 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

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	Gypsies ranging from 76-120 mm (Ø) (some on board, some in the warehouse)

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

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

Stopper arrangement/ stopper pins	2 x Shark jaws, SWL: 800 t (inserts for 50 - 166 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	6 x 25 SB, 6 x 25 PS
Rescue boat	1 x 15 persons, Viking Norsafe Mako 655
Davit	NDM PRHE 35, SWL: 3.5 t

ROV SYSTEM

ROV	1 x ROV Build-in (Hangar) Work Class ROV, working depth up to 3,000 msw.
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NAVIGATION EQUIPMENT

ECDIS	2 x Wärtsilä Navi Sailor 4000
GMDSS	A3

DYNAMIC POSITIONING SYSTEM

DP System	Rolls Royce Icon 3
Class	II

REFERENCE SYSTEMS

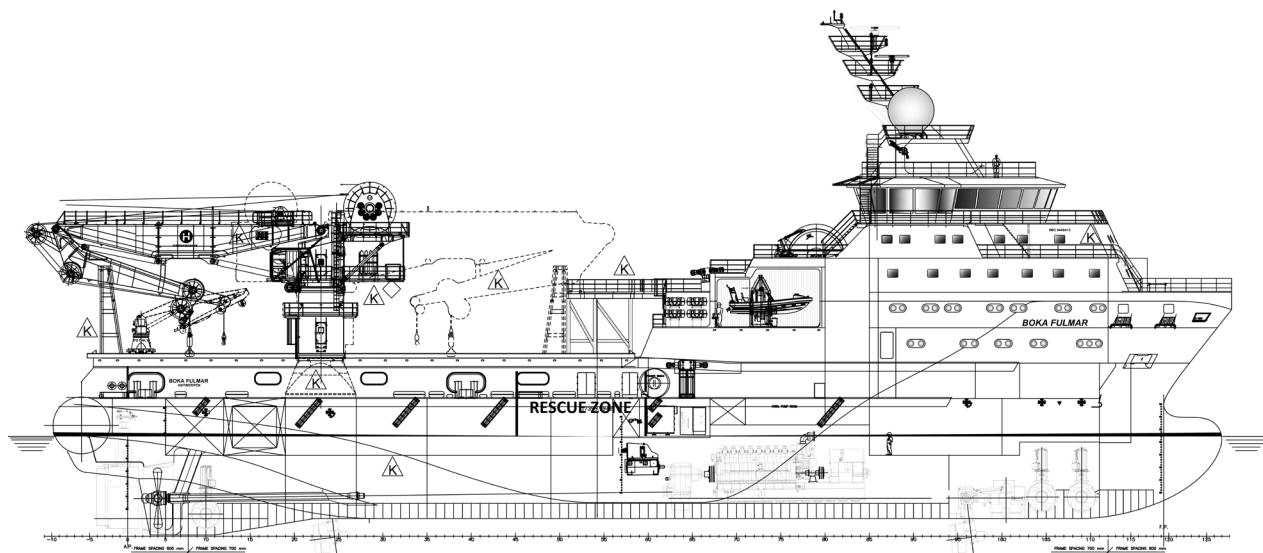
DGPS	2 x DGNSS Fugro 9410 1 x Septentrio - Asterx - U3 Marine
Cyscan	1 x Guidance Navigation Cyscan
HIPAP	HIPAP 502
Wind meter	2 x Observator OMC 118 1 x Observator OMC 160-3
Motion reference/ Gyrocompass units	2 x Quadrans 1 x Hydrins "INS"
Joystick	RRM PosCon Joystick Fitted

COMMUNICATION EQUIPMENT

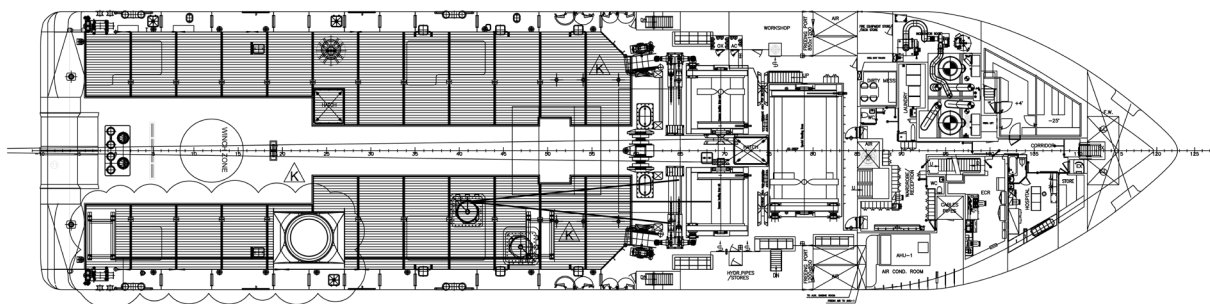
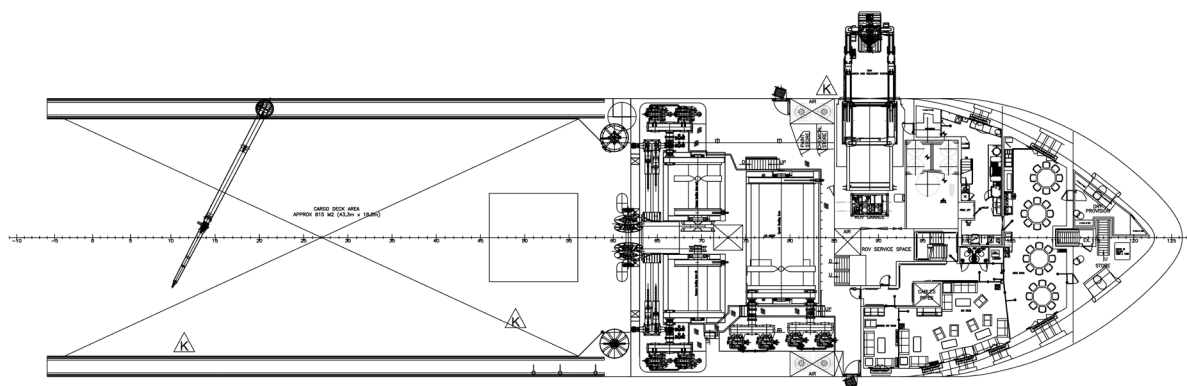
Inmarsat	2
VSAT	1
Internet system	Starlink

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SIDE VIEW



TOP VIEW DECK LEVEL

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