Boskalis

EQUIPMENT SHEET

BOKA ATLANTIC
MULTIPURPOSE DP3 OFFSHORE CONSTRUCTION VESSEL

CONSTRUCTION / CLASSIFICATION	
Design	MT 6022XL Marin Teknikk
Built by	Otto Marine/Batam Shipyard (Indonesia)
Year of construction	2014
Classification	BV | ✠ HULL ✠ MACH Special service - Construction Support Vessel SP98, Unrestricted navigation, ✠ AUT-UMS, ✠ SYS-NEQ-1, DYNAPOS AM/AT RS, SDS, COMF-NOISE 3, COMF-VIB 3, CLEANSHIP, HEL
IMO	9545675
Flag	Malta
Port of registry	Valletta

FEATURES	
Accommodation	98 berths, 32 x single cabins and 33 x double cabins
Client & office facilities	1 x Project office (6 persons) 1 x Conference room (20 persons) 2 x Project office (2 persons ea)
Hospital	Yes
Mess room	58 seats
Recreation room	Yes
Conference room	Yes
Reception room	Sky room 22 seats
Recreational facilities	Gymnasium

MAIN DATA	
Length overall	115.4 m
Length BP	107.9 m
Beam over all	28.0 m
Depth to main deck	9.0 m
Max draught	7.198 m (thrusters excluded) 10.598 m (with thrusters deployed)
Deadweight(Summer)	6,800 t
Main deck area	1,405 m^2
Moonpool	7.2 m x 7.2 m

TANK CAPACITIES	
Bunker capacity	Approx. 1,355 m^3
Pot water	Approx. 202 m^3
Ballast water	Approx. 4,360 m^3
Anti heeling	Approx. 500 m^3

PROPULSION AND MAIN SYSTEM	
Propulsion	2 x Rolls Royce AZP 120, 3,000 kW each
Tunnel thrusters	Forward - 2 x Rolls Royce TT 2400 tunnel thrusters, 1,500 kW each Aft - 1 x Rolls Royce TT 1800, 660 kW
Azimuth thrusters	1 x Rolls Royce UL 2001, 1,500 kW

ELECTRIC POWER GENERATION	
Main generators	4 x AVK DSG 114 L1-10 W (4 x 3000 kVA) 2 x AVK DSG 114 K1-10 W (2 x 2000 kVA) Total 16,000 kVA 4 x 9M25C 2,850 kW 2 x 6M25C 1,900 kW Total: 15,200 kW
Total switchboard power	15,200 kW/16,000 kVA
Emergency generator	1 x Caterpillar, 500 kW

DYNAMIC POSITIONING SYSTEM	
DP System	Kongsberg K-POS SDP22 and K-POS SDP12
Class	III
Reference system	2 x Kongsberg HiPAP 501 Lightweight Taut Wire MK 15/500 Fanbeam 5 DGPS systems: 3 x Fugro Seastar 9410-AUT units with GA830 GNSS Antenna combined with spotbeam + 1 x Seapath 320-5
ERN	99,99,99,92

DECK EQUIPMENT	
Main crane	National Oilwell Varco AHC Knuckle Boom Crane 140 t @ 12 m, 46.3 t @ 30 m depth 2,500 m
Auxiliary hoist	20 t @ 32 m (man riding/ship to ship)
Cargo rail running crane	7 t @ 10 m radius
Store crane	8 t

HELIDECK	
Size	D-Value 22 m Suitable for Sikorsky S-92 (12.8 t)

SAFETY EQUIPMENT	
Life boat	2 x 45 + 2 x 63 Umoe Schat Harding
FRC MOB boat	1 x Norsafe Magnum
Life rafts	8 x 25 persons

ROV SYSTEM	
ROV	1 x WROV FCV 3000 (200 hp) in PS hangar

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