



198 PAX / 2,400 BHP / OFFSHORE SUPPORT AND MAINTENANCE VESSEL

PRINCIPAL PARTICULARS

Year Built	2014
Flag	Jakarta, Indonesia
Builders	Jiangsu Yangzijiang Shipyard (Converted at DDW Singapore)
Classification	BV +MACH, Deck Ship/Special Service (Offshore Support & Maintenance Vessel) +ALP Unrestricted Navigation

DIMENSIONS

Length Overall (LOA)	90.6 m
Length between pp (LPP)	83.1 m
Breadth Moulded	20.0 m
Depth	5.0 m
Draft (design)	3.70 m
Draft (minimum)	1.95 m

TONNAGE

Gross Tonnage	3969
Net Tonnage	1191
DWT	2000T

DECK LOADING

Deck Area	600 m ²
Deck Cargo Capacity	600 MT
Cargo Deck Design Load	7.5 t/m ²
Reefer Points	10 (220V/440v, 32A)

SPEED / CONSUMPTION

Max. speed fully loaded	8 kts @ c. 8T/day
Max. speed min. draft	9 kts @ c. 8T/day
Idle/working	3/5t per day
Quality of fuel used	MGO

CAPACITIES

Fuel Oil	880 m3
Potable Water	695 m3
SW Ballast	1800 m3

DISCHARGE RATES

Fresh water/ pump	1 x 120 m ³ /hr @ 80 m head press
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MAIN ENGINES & MACHINERY

Main Engines	2 x 1,200 BHP YANMAR @ 800 rpm
Generators	4 x 200 kw diesel alternators Cat 3406B 380V 3PH 50HZ 3 x 500 kw diesel alternators Cat3412C 380V 3pH 50Hz 1 x VOLVO PENTA 275 kw emergency diesel alternator
Air compressor	2 units x 280 cfm 10 bar rotary type
Tunnel Thrusters	1 x 440 kW FPP Bowtunnel thruster
Propellers / Steering	2 x 2.1 M FPP 4-bladed propellers
FFA and Survival	Class requirement, with 18 x 25-man liferaft 1 x 15-man rescue boat

DECK EQUIPMENT

Main Crane	1 x KENZ DHC 100/4000 O.S., 100T@14m radius
Secondary Crane	2 x LIEBHERR Electro- hydraulic 36 T, 2.1 to 26 m radius
Mooring Winch	4 x Jepsen & Jessen Hydraulic Double drum 8 x 1250 m 44 mm SWR
Anchor	8 x Flipper Delta 6T High Holding Power
Gangway	1 x 25 m offshore steel type
Helideck	Suitable for Sikorsky N92 capacity

NAVIGATION & COMMUNICATION EQUIPMENT

VHF fixed	2 x Furuno
Inmarsat C / Navtex	1 x Furuno / 1 x Furuno
Fleet Broadband	1 x Sailor FBB500
Broadband Internet	INMARSAT VSAT Ku-Band Expresslink
VHF portable	5 x 100m
Autopilot	1 x Anschutz
Radar ARPA	1 x Furuno X-band, 1 x Furuno S-band
GPS	1 x Furuno, 1 x Koden;
Gyro	1 x Anschutz
GMDSS	1 x Furuno
Echo Sounder	1 x Furuno
Speed Log	1 x UNIT
SVDR / AIS	1 x UNIT (Furuno) each
Auto telephone	70 points
Shore telephone	10 points with LAN connection

ACCOMMODATION

Marine Officers/Crew	22
Passengers	176
Berth total	198 (incl marine crew)
Passenger Cabins	58 - 4x1 - man, 8x2 - man, 39x4 - man Air conditioned throughout, comply to ILO 92

ACCOMMODATION SPACES / EQUIPMENT

Galley/Mess room	1 x 200 - catering with cooking utensils/refrigeration
Mess Room	1 x 70 - pax same time seating
Recreation Room	1 x fully outfitted with 42" LCD/DVD, 20 - seating, refrigeration unit
Smoke Room	1
Gymnasium	1 x fully outfitted (track + weight machines)
Laundry	3 x washing machine, 3 x dryers
Surau	1
Watermaker	2 x R/O units @ 60 T/day
Sewage Treatment	2 x 150 - pax capacity complying to MARPOL IV
Workshop	1 x c/w welding, oxy-acetylene sets, work bench with lathe machines, vertical drill & milling machine
Hospital	1 x 2 - bedded, c/w treatment room, toilet + Shower, refrigerator + O2 resuscitator
NDT room	1
Conference Room	1 x c/w meeting facilities
Control Room	1 x fully outfitted with communication Equipment
Radio Room	1
Mechanical Shower	1 x outside accommodation