

## POSH Elegance



### 238 PAX / 88M DIESEL ELECTRIC / OFFSHORE CONSTRUCTION VESSEL

#### PRINCIPAL PARTICULARS

Year Built	2016
Flag	Singapore
Call Sign	9V3415
Builders	PAXOCEAN Engineering Zhuhai Co., Ltd.
Official No	400120
Classification	ABS + A1 (E) Offshore Support Vessel (SPS, FFVII), +ACCU, +AMS, +DPS-2, CRC, UWILD

#### DIMENSIONS

Length Overall (LOA)	Approx 88 m
Length BP	Approx 78.6 m
Beam Moulded	20.0 m
Depth Moulded	8.0 m
Draft (design)	6.0 m
Draft (minimum)	4.6 m

#### TONNAGE

Gross Tonnage	5550T
Net Tonnage	1665T
DWT 6.0 m draft	About 3200T

#### DECK LOADING

Deck Area	Abt 760 m <sup>2</sup> (main deck), 40m <sup>2</sup> (first deck)
Cargo Deck Design Load	10.0 t/m <sup>2</sup>
Moonpool	4m x 4m space reserved
Reefer Points	4 x 440V, 32Amp / 4 x 230V, 16Amp

#### SPEED

Max. speed min. draft	12.0 kts
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#### CAPACITIES

Fuel Oil	Approx 1,500 m <sup>3</sup>
Potable Water	Approx 1,000 m <sup>3</sup>
Drill Water/ Ballast Water	Approx 2,000 m <sup>3</sup>
Sewage Holding	Approx 50 m <sup>3</sup>
Dirty Oil / Bilge	Approx 15 m <sup>3</sup> / Approx 30 m <sup>3</sup>

#### DISCHARGE RATES

Fresh Water Cargo pump	1 x 100 m <sup>3</sup> /hr @ 9bar
Fuel Oil Transfer pump	1 x 60 m <sup>3</sup> /hr @ 9bar

#### MAIN PROPULSION & MACHINERY

Main Propulsion	2 x Azimuth Propellers 1,850kW each, FPP driven by electric motor with frequency converter
Generators	4 x Hyundai HiMSEN Diesel Engines driving 4 x 1880kW alternators (690V / 3ph / 60Hz) Run on MDO 1 x 300kW emergency / harbour generator (440V / 3ph / 60Hz)
Tunnel Thrusters	2 x transverse tunnel bow thrusters each 1,100kW
Air compressor	2 x Service Air Compressor Capacity 300m <sup>3</sup> /hr at 10 bar (1320 gpm @ 145psi)

#### DYNAMIC POSITIONING EQUIPMENT

Kongsberg K-POS DP-21
2 x DGPS (Veripos)
1 x RADIUS Relative Positioning System
1 x Cyscan Laser Reference System
1 x Tautwire

#### DECK EQUIPMENT

Main Crane	KENZ Electric Hydraulic Lattice Boom crane 100T@14m with man-riding capability & active heave compensation capability, boom length 46m, API 2-C & ABS Class 25T Subsea Lift @ 27m rad
Auxiliary Crane	10T@15m radius
Heel Control	2x350m <sup>3</sup> /hr heeling pumps with heeling monitoring system
Mooring Winch	4 drums hydraulic winches each with 1200m x 44mm wire
Anchors	4 x 7,000kg Flipper Delta Anchors
Capstans	2 x electro hydraulic Cap. 10T@15m/min
Helideck	Compliance to CAP 437 & suitable for Sikorsky S92N

#### LSA / FFA EQUIPMENT

Fi-Fi (Class II)	2 x FiFi pumps each capacity 3,700m <sup>3</sup> /hr@140m 4 x Remote Controlled FiFi monitors each capacity 1,800m <sup>3</sup> /hr
Compliance to latest amended SOLAS 1974 and SPS Code 2008	
2 x SOLAS certified Life Boats c/w launching davits	
2 x SOLAS certified 6-men Rescue Boats c/w launching davits	

#### ACCOMMODATION SPACES / EQUIPMENT

Mess room for 90 pax
2 x Recreation Rooms
TV room with 38 cinema type seats
1 x Smoking Room
3 x well equipped offices & 1 x conference room
Gymnasium equipped with 2 motorized treadmills, 1 cycling machine
2 Elliptical Cross Trainer & 1 multiple station
Laundry with 4 sets of heavy duty industrial washing machines & dryers
Surau (Prayer room with ablution facility)
Hospital with 3 medical beds, movable with lockable wheels
Changing room with 240 individual lockers
Freezer 23m <sup>3</sup>
Chiller 26m <sup>3</sup>
Water maker 2 x 50 T/day
MARPOL Biological Sewage Treatment Plant of 240 men capacity

#### ACCOMMODATION

Marine Officers/Crew	38 (including catering crew)
Passengers	200
Berth total	238
Passenger Cabins	8 x 1 - man, 13 x 2 - man, 51 x 4 - man Cabin sizes in compliance to MLC 2006