

POSH MALLARD



89M DP2 / DSV

PRINCIPAL PARTICULARS

Year Built	2017
Flag	Singapore
Call Sign	9V5158
Builders	PaxOcean Engineering Zhoushan
IMO No	9812822
Official No	400782
Classification	ABS +A1 Offshore Support Vessel (DSV AIR, DSV SAT, FFV1, Supply) (E), +AMS, +ACCU, +DPS-2. Additional notations: CRC, ENVIRO, GP, HELIDK, MLC-ACCOM, SKP, SPS, UWILD

DIMENSIONS

Length Overall (LOA)	89.0 m
Length BP	81.47 m
Beam Moulded	21.0 m
Depth Moulded	7.5 m
Max. Draft (Summer)	5.9 m
Draft (minimum)	5.1 m

TONNAGE

Gross Tonnage	5169
Net Tonnage	1550
DWT 5.9 m draft	3316T

DECK LOADING

Free Deck Area	Abt 550 m ² (main deck), 120 m ² (mezzanine deck)
Cargo Deck Design Load	7.5 t/m ²
Reefer Points	4 x 440V, 32Amp (3 phase) 2 x 220V, 32 Amp (3 phase), 4 x 220V, 16Amp (1 phase)

SPEED

Max. speed min. draft	About 12.5 kts
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CAPACITIES

Ship Fuel Oil	490 m ³
Cargo Fuel Oil	256 m ³
Potable Water	939 m ³
Drill Water/ Ballast Water	2,238 m ³
Sewage Holding	32.4 m ³
Dirty Oil / Bilge	17.1 m ³ / 15.0 m ³

PUMP CAPACITIES

Potable Water Cargo pump	1 x 150 m ³ /hr @ 8bar
Drill Water Cargo pump	1 x 150 m ³ /hr
Fuel Oil Transfer pump	1 x 100 m ³ /hr @ 8bar
Anti-heeling Control system	1x200m ³ /hr heeling pumps with heeling monitoring system

MAIN PROPULSION & MACHINERY

Main Propulsion	2 x Azimuth Propellers Schottel SRP 1515 FP 1,850 kW each, driven by 690/3/60 AC electrical motors coupled to FPP ASD with frequency converter
Generators	4 x 1880kW, 690/3/60, diesel engine driven alternator 1 x 900kW, available in 690/3/60 and 440/3/60, diesel engine driven alternator 1 x 400kW @ 1,800 rpm, 440/3/60 (Emergency/harbour generator) 1 x 500kW @ 1,800 rpm, 440/3/60 (Emergency Gen for Air / Sat Dive System)
Bow Thrusters	3 x 1,200 kW, 16T transverse tunnel thrusters
Air compressor	1 x Service Air Compressor Capacity 300m ³ /hr @ 10 bar

ROV OPTIONAL

DYNAMIC POSITIONING EQUIPMENT

2 x Kongsberg KPOS DP 21 + cJoy	3 x DGPS (2 x Veripos + 1 x Fugro)
3 x Gyro-compasses	3 x wind sensors
1 x RADius	1 x Cyscan Laser
4 x MRU	1 x HIPAP
1 x Tautwire	3 x UPS

DECK EQUIPMENT

Main Crane	1 x 120T, Knuckle Boom, AHC, Subsea Crane (up to 2000 m water depth) 111T @ 10.5m, 2-fall Subsea Lift 45T@18m, 1-fall Subsea Lift
Auxiliary Crane	1 x 12T@36m max
Capstans	2 x 10T@15 mpm, 400mm drum diameter
Helideck	Suitable for Sikorsky S92, CAP 437 compliant
Anchors	2 x 2655 kg AC 14 (2 x 12 shots) 330 m

DIVING EQUIPMENT

Saturation Dive System

12 Man Saturation 300msw System ABS Classed
 Dive Control with Inspection Coordinator Office
 3 Man, side mating Diving Bell 5m3
 Centre Launch Moon Pool with Aeration 4.2m X 3.58m
 12-man Self-Propelled Hyperbaric Lifeboat
 24 Kellys below decks with 11784m³ of gas - holding capacity OGP 468 compliant
 Sat Control is Fully Automated via HMI and OGP 411 compliant
 Bell Launch and recovery system via HMI
 Divex Gas Reclaim System

Surface Supplied Diving

ABS Classed 3 Diver Air and Nitrox System
 Inbuilt Dive Control and DDC
 Dive Control with Inspection Coordinator Office
 Twin LARS to 50m
 Built in HP air storage for DDC and Divers
 Work Platform with 2 x Tuggers and Whizzy Wheel.

LSA / FFA EQUIPMENT

Fi-Fi (Class I)	Fi Fi Pump Capacity 4030 m ³ /h, pressure 12 bar, power consumption approx.1715 kw,2 Remote operated Monitor, capacity 1200m ³ /h (water) pressure 10bar
4 x 32 POB life rafts	
2 x 30 POB life rafts	
2 x 15 POB life rafts	
2 x 55 POB lifeboats, 2 x gravity davits c/w automatic lashing system	
1 x 9 POB Fast Rescue Boat	

ACCOMMODATION SPACES / EQUIPMENT

1 x Mess Room
 1 x Recreation Room + 1 MAJLIS
 1 x Smoking Room
 Well-equipped offices & 1 x conference room
 Gymnasium equipped with 2 motorized treadmills, 2 cross trainers, 2 x gym multi-station and 1 rowing machine
 Laundry with 4 sets of heavy-duty industrial washing machines & dryers Surau (Prayer room)
 Hospital with 2 medical beds, backrest c/w adjustable by crank handle
 Changing room with 110 steel lockers in two-tiers
 2 x built-in Freezer + 1 x built-in chiller + 1 x Dry stores room
 Water maker 2 x 30T per day, Reverse Osmosis
 Sewage Treatment Plant for 108 men capacity

ACCOMMODATION

Total Berths	108
Cabins	18 x 1 man, 19 x 2 men, 13 x 4 men Cabin sizes in compliance to MLC 2006