

POSH Mallard



89M DP2 / DSV

PRINCIPAL PARTICULARS

Year Built	2017
Flag	Singapore
Call Sign	9V5158
Builders	PaxOcean Engineering Zhoushan
Official No	400782
Classification	ABS + A1 (E) Offshore Support Vessel (Supply, FFV 1), (DSV SAT, AIR) (ROV CAPABLE), +AMS, +ACCU, ENVIRO, MLC-ACCOM, +DPS-2, UWILD, SPS, CRC, HELIDK, SKP, GP

DIMENSIONS

Length Overall (LOA)	89.0 m
Length BP	78.0 m
Beam Moulded	21.0 m
Depth Moulded	7.5 m
Draft (design)	5.7 m
Draft (minimum)	4.6 m

TONNAGE

Gross Tonnage	5131 T
Net Tonnage	1539 T
DWT 6.0 m draft	3912T

DECK LOADING

Free Deck Area	Abt 550 m2 (main deck), 120 m2 (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

Fuel Oil	1,200 m ³
Potable Water	1,000 m ³
Drill Water/ Ballast Water	2,000 m ³
Sewage Holding	30 m ³
Dirty Oil / Bilge	15 m ³ / 15 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
Heel Control	1x200m ³ /hr heeling pumps with heeling monitoring system

MAIN PROPULSION & MACHINERY

Main Propulsion	2 x Azimuth Propellers 1,838 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)
Bow Thrusters	3 x 1,200 kW, 16T transverse tunnel thrusters
Air compressor	2 x Service Air Compressor Capacity 300m ³ /hr @ 10 bar

DYNAMIC POSITIONING EQUIPMENT

2 x Kongsberg KPOS	2 x Veripos DGPS
3 x Gyro-compasses	3 x wind sensors
1 x RADIUS	1 x Cyscan Laser
3 x MRU	1 x HIPAP
1 x Tautwire	2 x UPS

DECK EQUIPMENT

Main Crane	1x 120T Knuckle Boom AHC Subsea Crane (up to 2000 m water depth) 90T @ 10.5m, 2-fall Subsea Lift 45T@18m, 1-fall Subsea Lift
Auxiliary Crane	1 x 15T@18m 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 ABS Classed to 300m 5m3 x 3 Man Diving Bell Centre Launch Moon Pool Self Propelled Hyperbaric Lifeboat Divex Gas Reclaim System Gas Storage Below Deck, 60m3@200bar, PLC Based Sat Control to OGP411
Surface Supplied Diving	ABS Classed 3 Diver Nitrox System Inbuilt Dive Control & DDC Twin LARS to 50m

LSA / FFA EQUIPMENT

Fi-Fi (Class I)	Fi Fi Pump Capacity 4030 m ³ /h, pressure 12 bars, power consumption approx. 1715 kw, 2 Remote operated Monitor, capacity 1200m ³ /h (water)/300m ³ /h (foam), pressure 10 bars
	4 x 30 POB life rafts with full emergency pack 2 x 50 POB lifeboats, 2 x gravity davits c/w automatic lashing system 1 x 9 POB Fast Rescue Boat

ACCOMMODATION SPACES / EQUIPMENT

2 x Mess Room
1 x Recreation Room
1 x Smoking Room
Well-equipped offices & 1 x conference room
Gymnasium equipped with 2 motorized treadmills, 2 cross trainers, 1 x gym multi-station
Laundry with 3 sets of heavy duty industrial washing machines & dryers
Surau (Prayer room with ablution facility)
Hospital with 2 medical beds, backrest c/w adjustable by crank handle
Changing room with 55 two-tiers steel slim lockers
1 x built-in Freezer
1 x built-in chiller
Water maker 2 x 30T per day, Reverse Osmosis
Sewage Treatment Plant of 1 x 108 men capacity

ACCOMMODATION

Marine Officers/Crew	18 (crew & officer)
Passengers	90
Berth total	108
Passenger Cabins	18 x 1 man (Crew) 8 x 1 man (SP), 15 x 2 men (SP), 13 x 4 men (SP) Cabin sizes in compliance to MLC 2006