

## POSH Mallard / POSH Pintail



### 89M DP2 / MPSV

#### PRINCIPAL PARTICULARS

Year Built	2017
Flag	Singapore
Call Sign	9V5158 / 9V5160
Builders	PaxOcean Engineering Zhoushan
Official No	400782 / 400783
Classification	ABS + A1 (E) Offshore Support Vessel (Supply-HNLS, FFV-1), +AMS, +ACCU, ENVIRO, MLC-ACCOM, +DPS-2, UWILD, SPS, CRC, HELIDK, SKP, SOLAS 1974,

#### 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	Above 4,000 T
Net Tonnage	1509 T
DWT 6.0 m draft	3535T

#### DECK LOADING

Deck Area	Abt 850 m <sup>2</sup> (main deck), 300m <sup>2</sup> (mezzanine deck)
Cargo Deck Design Load	7.5 t/m <sup>2</sup>
Moonpool	7.0 m x 7.0 m equipped with aeration (Provision)
Reefer Points	4 x 440V, 32Amp (3 phase) 2 x 220V, 32 Amp (3 phase), 4 x 220V, 16Amp (1 phase)
ROV Hub	

#### SPEED

Max. speed min. draft	About 12.5 kts
-----------------------	----------------

#### CAPACITIES

Fuel Oil	1,200 m <sup>3</sup>
Potable Water	1,000 m <sup>3</sup>
Drill Water/ Ballast Water	2,000 m <sup>3</sup>
Sewage Holding	30 m <sup>3</sup>
Dirty Oil / Bilge	15 m <sup>3</sup> / 15 m <sup>3</sup>
Liquid Mud	300 m <sup>3</sup>
Methanol	175 m <sup>3</sup>

#### PUMP CAPACITIES

Potable Water Cargo pump	1 x 150 m <sup>3</sup> /hr @ 8bar
Drill Water Cargo pump	1 x 150 m <sup>3</sup> /hr
Liquid Mud pump	2 x 100 m <sup>3</sup> /hr
Fuel Oil Transfer pump	1 x 100 m <sup>3</sup> /hr @ 8bar
Heel Control	1x200m <sup>3</sup> /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 1,300 kW, 16T transverse tunnel thrusters
Air compressor	2 x Service Air Compressor Capacity 300m <sup>3</sup> /hr @ 10 bar

#### DYNAMIC POSITIONING EQUIPMENT

2 x Kongsberg DGPS (DGPS232, VERIPOS)	2 x DGPS
3 x Gyro-compasses	3 x wind sensors
1 x RADIUS 1000 with 700x Transponder	1 x Cyscan Laser
3 x MRU	1 x HIPAP 501
1 x Tautwire	2 x UPS

#### DECK EQUIPMENT

Main Crane	1 x 120T @ 12 m, Knuckle Boom AHC Subsea Crane (up to 2000 m water depth)
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

#### LSA / FFA EQUIPMENT

Fi-Fi (Class I)	Fi Fi Pump Capacity 4030 m <sup>3</sup> /h, pressure 12 bars, power consumption approx. 1715 kw, 2 Remote operated Monitor, capacity 1200m <sup>3</sup> /h (water)/300m <sup>3</sup> /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