

POSH SANDPIPER

3,250 DWT/ Platform Supply Vessel (PSV)/ DP 2



Class Notation A1, Offshore Support Vessel (FFV 1, OSR-C2, Supply), AMS, ACCU, DPS-2

Principal Particulars

Flag	Singapore
Year Built	2013
Place Built	PaxOcean Engineering, Zhuhai, China
Design Draft	5.10 m
Max Draft	5.90 m
Gross Tonnage	2,644.0 T
Net Tonnage	985.0 T
Deadweight (Max Draft)	3,250 T @ 5.90 m draft
Displacement	5,350.0 T
IMO No.	9618082
Design	Rolls-Royce UT 755 CD
Call Sign	9V9739

Dimensions

Length Overall	78.70 m
Beam Overall	16.00 m
Depth Moulded	7.00 m

Performance

Max Speed	12.00 kts
Economical Speed	10.00 kts

* Subject to actual weather and operating conditions

Cargo Deck

Deck Cargo Area	670.0 m ²
Deck Cargo Dimension	50.7 m x 13.2 m
Deck Cargo Capacity	1,450.0 T
Deck Strength	5.0 T/m ²

Reefer Points 5 x 440V

Capacities

Fuel Tank	887.0 m ³
Fresh Water	697.0 m ³
Drill Water *	1,326.60 m ³ (shared with ballast water)
Ballast Water *	1,538.40 m ³ (shared with drill water)
Mud Tank *	820.40 m ³ (shared with brine)
Brine Tank *	820.40 m ³ (shared with mud)
Dry Bulk Tank	251.60 m ³ (in 5 tanks)
Methanol Tank	135.30 m ³
Base Oil Tank	328.40 m ³

* Indicates tanks with shared capacity

Discharging Rates

Drill Water/Pump	1 x 172 m ³ /hr@ 10 bar
Fresh Water/Pump	1 x 150 m ³ /hr@ 10 bar
Fuel/Pump	1 x 150 m ³ /hr@10 bar
Brine/Pump	1 x 75 m ³ /hr@18bar

Liquid mud/Pump 2 x 100 m³/hr@18bar

Accommodation

1 – Berth Cabins	8
2 – Berth Cabins	9
Total (POB)	26

Machinery & Equipment

Main Generator	Caterpillar C32, 4 x 910 kW
Emergency Generator	Lidenberg, 1 x 99 kW

Thruster & Propulsion

Azimuth Thruster/Propellers	Rolls-Royce US205CP, 2 x 1470 kW
Bow Thruster	Rolls-Royce TT1850, 2 x 700 kW

Deck Crane

Fixed Crane	SWL 5.0 T @ 16.0m radius
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Mooring Equipment

Anchors	2 x SPEK Type Anchor; 2,850 kg each
Anchor Windlass	Rolls-Royce 2 x 8.0 T each @ 0-12 m/min
Tugger Winch	Rolls-Royce 2 x 10.0 T each @ 0-19 m/min
Capstans	Rolls-Royce 2 x 8.0 T each @ 0-16 m/min

Dynamic Positioning System

DP Class	DP 2 Dynpos AUTR, Rolls-Royce, Poscon joystick system
References	2 x DGPS + 1 Cyscan + 1 Mini RADAScan
MRU	3

Fire Fighting and Rescue

Firefighting System	FiFi 1
FiFi Pump	2 x 1,600 m ³ /hr
FiFi Monitors	2 x 1,200 m ³ /hr
Spray Booms	2 x 6.0 m/Fixed Nozzle
Dispersant Capacity	NIL
Foam Capacity	2.5m ³
Rescue Boat	1 x 15 man rigid hull waterjet FRC, 160 hp, ≥8 kts
Life Rafts	6 x 25 man
Life Buoys	8
Life Jackets	26