

POSH CONCORDE



16,000 BHP / 213 TBP / DP2 / AHTS **Call Sign: 9V8179**

Class Notation ABS +A1, Towing Vessel, Fire Fighting Vessel Class 1, Offshore Support Vessel AH, (E), +AMS, +ACCU, +DPS-2

Principal Particulars	
Flag	Singapore
Year Built	2012
Place Built	Paxocean Engineering Zhuhai Co., Ltd
Design Draft	5.50 m
Max Draft	6.842 m
Gross Tonnage	2736
Net Tonnage	821
Deadweight (Max Draft)	2,542.0 T @ 6.842 m draft
Displacement	5,714.0 T
IMO No.	9578397
Design	HAVYARD 842 CD

Dimensions	
Length Overall	74.50 m
Beam Overall	17.20 m
Depth Moulded	8.00 m

Performance	
Max Speed	12.00 kts
Economical Speed	10.00 kts

* Subject to actual weather and operating conditions

Cargo Deck	
Deck Cargo Area	497.6 m ²
Deck Cargo Dimension	34.8 m x 14.3 m
Deck Cargo Capacity	780.0 T
Deck Strength	10.0 T/m ²
Reefer Point	8 (4 x 440V, 4 x 220V)

Capacities	
Fuel Tank	772.0 m ³
Fresh Water *	721.0 m ³
Drill Water *	1,314.0 m ³ (shared with ballast water)
Ballast Water *	1,638.4 m ³ (shared with drill water)
Mud Tank *	489.0 m ³ (shared with brine)
Brine Tank *	677.0 m ³ (shared with mud)
Dry Bulk Tank	220.0 m ³ (in 4 tanks)
Base Oil Tank	187.0 m ³ (shared with brine)

* Indicates tanks with shared capacity

Discharging Rates	
Drill Water/Pump	1 x 200 m ³ /hr @ 9 bar
Fresh Water/Pump	2 x 200 m ³ /hr @ 9 bar
Fuel/Pump	2 x 200 m ³ /hr @ 9 bar
Brine/Pump	1 x 75 m ³ /hr @ 18 bar
Liquid Mud/Pump	2 x 75 m ³ /hr @ 24 bar
Dry Bulk Tank	1 x 60 m ³ /hr @ 20 m head

Accommodation	
1 – Berth Cabins	6
2 – Berth Cabins	8
4 – Berth Cabins	2
6 – Berth Cabins	2
Total (POB)	42

Main Engines & Generators	
Main Engine	STX MAN 12V32/40, 2 x 6,000 kW each
Shaft Generator	Cummins DSG86L1-4W, 2 x 2,000 kW each
Diesel Generator	Caterpillar C-18, 2 x 550 kW
Emergency Generator	Volvo Penta D7AT, 1 x 99 kW

Thrusters & Propulsion	
Bow Thruster	Rolls-Royce Kamewa Ulstein TT2200 DPN CP, 1 x Tunnel Thruster @ 880 kW (15.0 T)
	Rolls-Royce TCNS 73/50-180, 1 x Azimuth Thruster @ 880 kW (15.0 T)
Stern Thruster	Rolls-Royce Kamewa Ulstein TT2200 DPN CP, 1 x Tunnel Thruster @ 880 kW (15.0 T)
Propeller	MAN VBS1180-ODF, 2 x CP Propellers in fixed nozzles
Rudder	Rolls Royce FB-S2330, 2 x independent high lift flat type

Deck Crane	
Fixed Crane	SWL 3.0 T @ 12.0 m radius
Movable Crane	SWL 5.0 T @ 13.0 m radius

Anchor Handling/Tow Equipment	
Tow/Anchor Handling Winch	Oil States Skagit Smatco 140-HAW-400T double drum, reversed waterfall type
Stall Pull Capacity	402.0 T
Brake Holding Capacity	680.0 T
Tow Drum Capacity	5,500.0 m x 77.0 mm dia wire
Anchor Handling Capacity	5,500 m x 77.0 mm dia wire
Secondary Winch Capacity	1,500.0 m x 76.0 mm dia wire
Storage Reel Capacity	1,500.0 m x 77.0 mm dia wire
Tugger Winch	2 x 20.0 T each
Capstans	2 x 10.0 T each
Shark Jaws	2 x Triplex H-500, SWL 500.0 T
Tow Pins	2 x Triplex S-200, SWL 200.0 T
Stern Roller	6.0 m x 3.0 m dia, SWL 500.0 T
Gypsies	2 x 76.0 mm + 2 x 84.0 mm
Chain Locker	4 x 93.0 m ³

Tow/Anchor Handling Wires	
Main Tow Wire	1,500.0 m x 76.0 mm dia wire
Spare Tow Wire	1,500.0 m x 76.0 mm dia wire
Anchor Handling Wire	1,500.0 m x 76.0 mm dia wire

Mooring Equipment	
Anchor	2 x SPEK Type Anchor; 2,692 kg each
Anchor Chain	467.5 m x 38.0 mm dia
Anchor Windlass	7.8 T @ 12.0 m/min

Dynamic Positioning System	
DP Class	Converteam ADP21
References	2 x DGPS + 1 x Cyscan + 1 x Mini-RadaScan
VRU	2

Fire Fighting and Rescue	
Firefighting System	FiFi 1
FiFi Pump	2 x 1,650 m ³ /hr
FiFi Monitor	2 x 1,200 m ³ /hr
Dispersant Capacity	NIL
Foam Capacity	NIL
Rescue Boat	1 x 6 man rigid hull waterjet FRC, 221 hp, ≥8 kts
Life Raft	2 x 20-man + 4 x 25-man
Life Buoy	8
Life Jacket	46

