POSH PERSEVERANCE

12,240 BHP / 152.67 TBP / DP2 / AHTS

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

Principal Particulars

Flag	Singapore
Year Built	2015
Place Built	PT. Nanindah Mutiara Shipyard, Indonesia
Design Draft	6.00 m
Max Summer Draft	6.50 m
Gross Tonnage	3,526.0 T
Net Tonnage	1,058.0 T
Deadweight (Max Draft)	3,196.0 T @ 6.50 m draft
Displacement	6,312.0 T
IMO No.	9537343
Design	Conan Wu & Associates 76 m A.H/OSV
Call Sign	9V2675

Dimensions

Length Overall	76.00 m
Beam Overall	18.50 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	584.8 m²
Deck Cargo Dimension	38.3 m x 15.2 m
Deck Cargo Capacity	800.0 T
Deck Strength	5.0 T/m²
Reefer Points	8 (4 x 415v, 4 x 230v)

Capacities

Fuel Tank	1,182.30 m³
Fresh Water	741.5 m³
Drill Water *	2,014.7m³ (shared with ballast water)
Ballast Water *	2,014.7m³ (shared with drill water)
Mud Tank *	808 m³ (shared with brine)
Brine Tank *	808 m³ (shared with mud)
Dry Bulk Tank	321.0 m³ (in 4 tanks)

* Indicates tanks with shared capacity

Discharging Rates

Drill Water/Pump	1 x 150 m³/hr@90 m head
Fresh Water/Pump	2 x 150 m³/hr@90 m head
Fuel/Pump	2 x 150 m³/hr@90 m head
Brine/Pump	1 x 150 m³/hr@90 m head
Liquid mud/Pump	2 x 150 m³/hr@90 m head
Dry Bulk Tank	1 x 60 m³/hr@50 m head

Accommodation

1 – Berth Cabins	4
2 – Berth Cabins	22
Total (POB)	48

Main Engines & Generators

Main Engines	BERGEN B32:40L9P, 2 x 4,500 kW each
Shaft Generators	Cummins DSG86L1-4W, 2 x 2,000 kW each
Diesel Generators	Caterpillar 3412, 2 x 590 kW each
Emergency Generators	Caterpilar C4.4, 1 x 94 kW

Thrusters & Propulsion

Bow Thruster	Rolls-Royce TT1650 DPN CP, 2 x 735 kW (2 x 10.0 T)
Stern Thruster	Rolls-Royce TT1650 DPN CP, 1 x 735 kW (1 x 10.0 T)
Propellers	Rolls-Royce 2 x CP Propellers in fixed nozzles
Rudders	Rolls-Royce 2 x independent high lift flat type

Deck Crane

Fixed Crane	SWL 5.0 T @ 15.0 m radius

Anchor Handling/Tow Equipment

Tow/Anchor Handling Winch	Rolls-Royce Brattvaag SL350W/BSL350W double drum waterfall type
Stall Pull Capacity	350.0 T
Brake Holding Capacity	450.0 T
Tow Drum Capacity	3,500.0 m x 76.0 mm dia wire
Anchor Handling Capacity	3,500.0 m x 76.0 mm dia wire
Storage Reel Capacity	2 x 3,500.0 m x 76.0 mm dia wire
Tugger Winch	2 x 17.0 T each
Capstan	2 x 10.0 T each
Shark Jaws	1 x MacGregor Plimsoll, SWL 500.0 T
Tow Pins	1 x MacGregor Plimsoll, SWL 350.0 T
Stern Roller	5.5m x 2.5m dia approx.(SWL 525.0 T)
Gypsies	2 x 76.0 mm + 1 x 84.0 mm
Chain Locker	2 x 161.4 m³

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 AC14 Type Anchor; 2,295 kg each
Anchor Chain	495.0 m x 50.0 mm dia
Anchor Windlass	16.0 T @ 13.0 m/min

Dynamic Positioning System

DP Class	DP 2, Converteam + Independent Joy stick
References	2 x DGPS + 1 x Cyscan
VRU	2

Fire Fighting and Rescue

Firefighting System	FiFi 1
FiFi Pump	2 x 1,920 m³/hr
FiFi Monitors	2 x 1,200 m³/hr
Spray Booms	2 x spray nozzle
Dispersant Capacity	19.2 m³
Foam Capacity	19.2 m³
Rescue Boat	1 x 6 man rigid hull waterjet FRC, 158 hp, ≥8 kts
Life Rafts	6 x 25 man
Life Buoys	10
Life Jackets	60

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