

POSH COMMANDER


16,000 BHP / 193 TBP / DP2 / AHTS Call Sign: 9WNB9
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	2011
Place Built	USC Keihin Shipyard, Yokohama, Japan
Design Draft	6.00 m
Max Draft	6.60 m
Gross Tonnage	3,261.0 T
Net Tonnage	978.0 T
Deadweight (Max Draft)	3,174.0 T @ 6.60 m draft
Displacement	6,080.0 T
IMO No.	9514286
Design	USC 180T BP AHTS No. 0057

Dimensions

Length Overall	75.27 m
Beam Overall	18.00 m
Depth Moulded	8.10 m

Performance

Max Speed	12.00 kts
Economical Speed	10.00 kts

* Subject to actual weather and operating conditions
Cargo Deck

Deck Cargo Area	510.0 m ²
Deck Cargo Dimension	34.0 m x 15.0 m
Deck Cargo Capacity	1,000.0 T
Deck Strength	10.0 T/m ²
Reefer Points	8 (4 x 440v, 4 x 220v)

Capacities

Fuel Tank	951.5 m ³
Fresh Water	590.9 m ³
Drill Water *	705.8 m ³
Ballast Water *	705.8 m ³
Mud Tank	434.7 m ³
Brine Tank *	156.7 m ³
Base Oil *	156.7 m ³
Dry Bulk Tank	250.0 m ³ (in 4 tanks)

* Indicates tanks with shared capacity
Discharging Rates

Drill Water/Pump	1 x 200 m ³ /hr@90 m head
Fresh Water/Pump	1 x 200 m ³ /hr@90 m head
Fuel/Pump	1 x 150 m ³ /hr@90 m head
Brine/Pump	1 x 75 m ³ /hr@90 m head
Liquid mud/Pump	2 x 75 m ³ /hr@90 m head
Dry Bulk Tank	1 x 60 m ³ /hr@20 m head

Accommodation

1 – Berth Cabins	12
2 – Berth Cabins	7
4 – Berth Cabins	1
Total (POB)	30

Main Engines & Generators

Main Engines	Wartsila 2 x 8,000 BHP each
Shaft Generators	Cummins 2 x 2,240 kW each
Diesel Generators	Caterpillar 2 x 500 kW each
Emergency Generators	Caterpillar 1 x 72 kW each

Thrusters & Propulsion

Bow Thruster	Kawasaki 2 x Tunnel Thruster @ 800 kW (12.0 T)
Stern Thruster	Kawasaki 1 x Tunnel Thruster @ 800 kW (12.0 T)
Propellers	Martsila & Wartsila 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 @ 14.0 m radius
Movable Crane	SWL 4.5 T @ 13.0 m radius

Anchor Handling/Tow Equipment

Tow/Anchor Handling Winch	Rolls-Royce 1 x SL350W/BSL350W
Stall Pull Capacity	402.0 T
Brake Holding Capacity	450.0 T @ 1st layer of rope on the drum
Tow Drum Capacity	2,500.0 m x 77.0 mm dia wire
Anchor Handling Capacity	2,500.0 m x 77.0 mm dia wire
Secondary Winch Capacity	NIL
Storage Reel Capacity	1,500.0 m x 77.0 mm dia wire
Tugger Winch	Rolls-Royce 2 x 17.0 T each
Capstan	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 vertical)
Stern Roller	5.0 m x 3.0 m dia (SWL 500.0 T)
Gypsies	2 x 76.0 mm + 2 x 84.0 mm
Chain Locker	204.06 m ³

Tow/Anchor Handling

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 HHP Stockless Anchor, 2,150 kg
Anchor Chain	990.0 m x 46.0 mm dia
Anchor Windlass	12.2 T @ 14.5 m/min

Dynamic Positioning

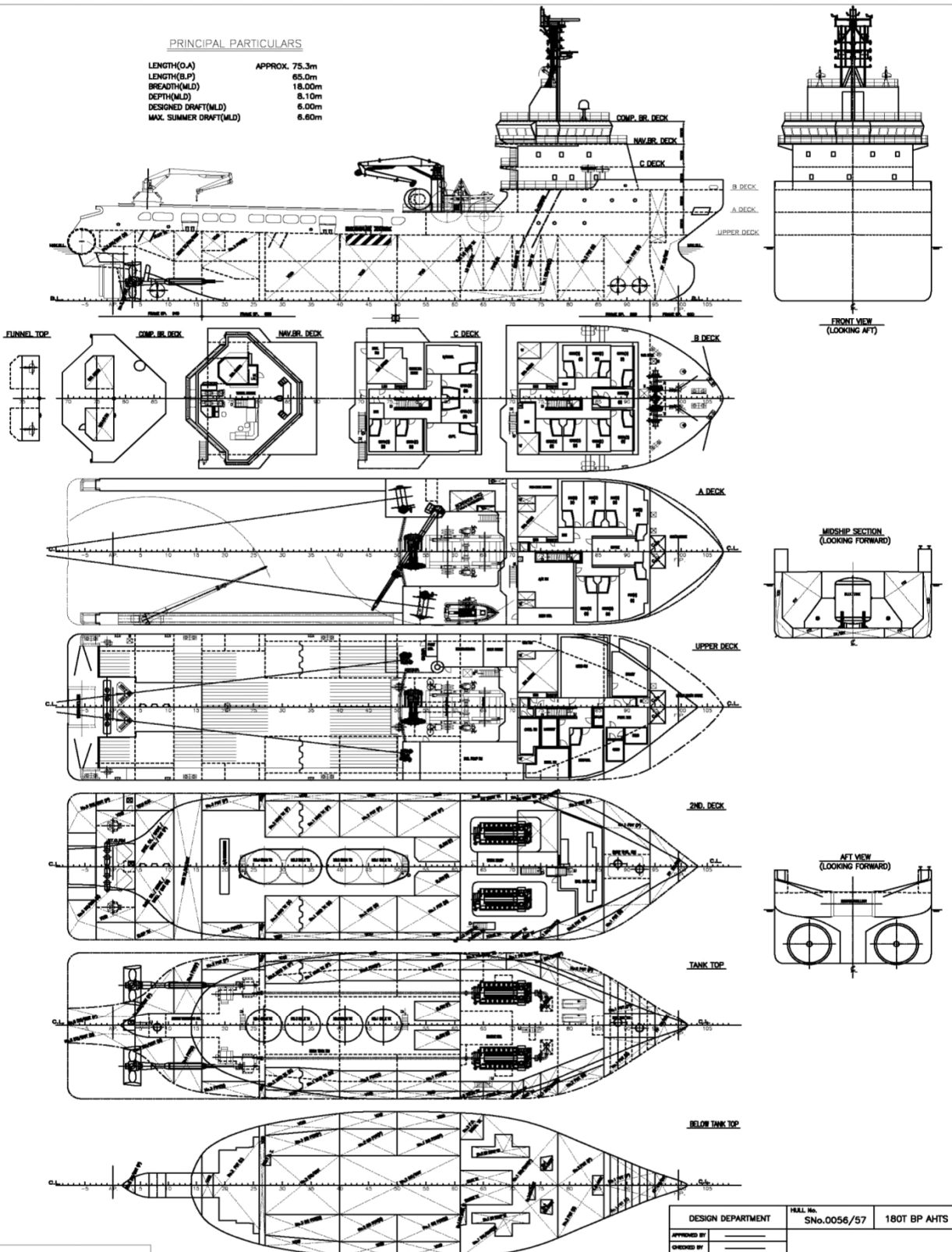
DP Class	DP 2, Convertteam ADP21 - Independent Joystick
References	2 x DGPS + 1 x Cyscan

Fire Fighting and Rescue

Firefighting System	FiFi 1
FiFi Pump	2 x 1,650 m ³ /hr
FiFi Monitors	2 x 1,200 m ³ /hr
Spray Booms	2 x 6.0 m/Fixed nozzle
Dispersant Capacity	12.19 m ³
Foam Capacity	23.53 m ³
Rescue Boat	1 x 15 man/water-jet/144 hp
Life Rafts	6 x 25 man
Life Buoys	8
Life Jackets	42

PRINCIPAL PARTICULARS

LENGTH(O.A) APPROX. 75.3m
 LENGTH(B.P) 65.0m
 BREADTH(MLD) 18.00m
 DEPTH(MLD) 8.10m
 DESIGNED DRAFT(MLD) 6.00m
 MAX. SUMMER DRAFT(MLD) 6.60m



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DESIGN DEPARTMENT	HULL No.	180T BP AHTS
	SNo.0056/57	
GENERAL ARRANGEMENT		
APPROVED BY		
CHECKED BY		
DESIGNED BY		
DRAWN BY		
DATE OF DESIGN	June 18, 2009	
SCALE	1/200	
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