

POSH ASSISTOR



8,000 BHP / 107T BP / ANCHOR HANDLING TUG

PRINCIPAL PARTICULARS

Year Built	2010
Flag	Singapore
Call Sign	9V5340
Builders	Yuexin Shipyard, China
Official No	400940
Classification	ABS+A1 (E), Towing Vessel, Offshore Support Vessel (AH), FIFI Class 1, +AMS

DIMENSIONS

Length Overall	51.0 m
Length BP	44.4 m
Breadth Moulded	15.0 m
Depth Moulded	6.5 m
Design Draft	5.0 m
Working Deck Area	240m ² (20x12)
GRT	1,347
NRT	404

PERFORMANCE DATA

Bollard Pull	107.32 tons
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TANK CAPACITIES

Fuel Oil	1,028 m ³
Fresh Water	234 m ³
Sewage Tank	3.69 m ³
Dirty Oil	6.30 m ³
Dispersant Tank	8 m ³
Foam Tank	8 m ³

MACHINERY & EQUIPMENT

Main Engines & Gearboxes	2 x MAK 9M25, each 2970 kW @ 750 rpm
Steering Gears	2 electro-hydraulic steering gear units of total 12t.m, remote controlled from wheelhouse
Propellers	2 x 4 bladed ZF CPP in fixed kort nozzles
Bow Thruster	1 electric motor driven c/w CPP propeller, 6 tons
Generators	3 x CAT C18 440/3/60 each 425 kW
Anchor	2 x 1440 kg HHP anchors
Chain Cables	275 m long 38 mm dia, Grade U3 steel, stud link chain
Anchor windlass	1 electro hydraulic anchor windlass/winch of 8tonnes pull at 10 m/min suitable for 24 mm dia chain
Towing / Anchor Handling Winch	1 unit electro hydraulic towing winch 200 tonnes brake holding, 150 tons pull at m/min at 1 st layer on main deck. Double drum
Main Towing Wires	58mm dia x 1200mtr x 1
Spare towing Wires	58mm dia x 1200mtr x 1

MACHINERY & EQUIPMENT (cont'd)

Anchor Handling Gears	58mm x dia x 350mtr x 1
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	58mm x dia x 200mtr x 1 58mm x dia x 100mtr x 1
Pelican Hook "J" Hook Grapnel Hook	1 x 60T, 1 x 35T 1 x 130T 1 x 130T
Stern Roller	6 m length x 1.5 m dia, 200 ton SWL Stern opening 7.5m
Capstan	2 units 5t @15 /min hydraulic capstan
Tugger Winch	2 x 10t @15 m/min electro-hydraulic tugger
Tow Pins	200T SWL (Close type)
Sharkjaws	200T SWL (Close type)
Deck Crane	1 unit electro-hydraulic telescopic type marine crane 2.2t @ 12 m capacity fitted on aft end of forecastle deck starboard side
Fuel Oil Cargo Pump	Capacity: 100m ³ /hr x 50m head Size: 5 inch dia x cam lock Female coupling 2 unit port and 1 unit STBD main deck
Fresh Water Cargo Pump	Capacity: 70m ³ /hr x 50m head Size: 3inch dia cam lock Female port and STBD main deck
Rescue Workboat	1 x 6 men semi-rigid dinghy c/w 25hp-outboard motor
Reefer Points	4 x AC 415 V, 3 Phase, 60Hz, 32 Amp (Main deck - PS)
Fresh Water Maker	5 tons per day
EXTERNAL FIRE FIGHTING & OIL SPILL EQUIPMENT	
Oily Water Separator	1 m ³ /hr pump and 15 ppm alarm installed in bilge system
External Fire Fighting System	FIFI 1 - 2 x fire pumps PTO from main engines @ 1500 m3/hr each, foam/water fire monitor with remote control Tank Capacity - 8m3
Oil Dispersant System	2 dispersant spray boom 5 m length with 5 nozzles @ 125 litre/min 5 kg/cm ² from each nozzle Tank Capacity - 8m3

ACCOMMODATION

3 x 4-man cabin
3 x 2-man cabin
2 x 1-man cabin
Complement - 20 men