

POSH COURAGE



16,000 BHP / 200 TBP / DP2 / AHTS **Call Sign: 9V8178**

Principal Particulars:

Flag	: Singapore
Year Built	: 2012
Place Built	: PACC Yuexin Ocean Engineering Co. Ltd., China
Length Overall	: 74.50 m
Length B.P.	: 64.80 m
Beam Overall	: 17.20 m
Depth Moulded	: 8.00 m
Max Draught	: 7.20 m
Design Draft	: 5.50 m
IMO No.	: 395419
Official No.	: 9451666

Classification:

ABS +A1(E), AH/Offshore Support Vessel, Towing Service, FiFi I, AMS, ACCU, DP-2

Capacities:

Gross Tonnage	: 2,736 tons
Net Tonnage	: 821 tons
Deadweight	: 2,764T @6.79m draft
Fuel Tank	: 743 m ³ (668 m ³ realistic @ 90%)
Potable Water	: 718.8 m ³
Drill Water	: 518.6 m ³
Mud Tank	: 486.8 m ³
Brine Tank	: 186.6m ³ in 2 designated tanks
Deck Cargo Area	: 520m ²
Deck Cargo	: 1,000 tons
Cargo Deck Load	: 10T/m ²

Speed/Fuel:

Max Speed	: approx. 18 kts / 55 tonnes / 24 hrs
Economic Speed	: approx. 12.5 kts / 15 tonnes / 24 hrs
AH operations	: approx. 30 tonnes / 24 hrs
Towing 75%/150t Pull	: approx. 38 tonnes / 24 hrs
Harbour Mode	: approx. 1.5 – 2 tonnes / 24 hrs
Quality of Fuel	: MGO

Discharging Rates:

Drill Water/Pump	: 1 x 150 m ³ /hr@90m head
Fresh Water/Pump	: 2 x 150 m ³ /hr@90m head
Fuel/Pump	: 2 x 150 m ³ /hr@90m head
Brine/Pump	: 1 x 150 m ³ /hr@90m head
Liquid mud/Pump	: 1 x 150 m ³ /hr@90m head
Flow Meter	: 2 for FO
Flow Meter	: 2 for FW

Bulk Plant:

220 m³ in 4 tanks, working pressure 82psi/5.6 bar

Accommodation:

Officer/Crew	: 18
Berth Total	: 42
Cabins Total	: 18
Hospital	: 1
Air conditional throughout	

Machinery & Equipment:

Main Engines	: MAN 2 x 8000BHP
Generators	: 2 x 550kW diesel generators @3x440V 60Hz : 1 x 99kW emergency diesel generator : 2 x Shaft generator @ 2000ekw each
Propellers	: 2 x CP propellers in fixed nozzles
Bow Thruster	: 1 x Tunnel thruster 880kW = 1,180BHP = approx. 15T : 1 x Azimuth thruster 880kW = 1,180BHP = approx. 15T
Stern Thruster	: 1 x Tunnel thruster 880kW = 1,180BHP = approx. 15T
Deck Crane	: 1 x Prov.crane (on Starboard side) SWL 3 tons@12m radius : 1 x Moveable crane – electro hydro. travelling knuckle crane : On Port side cargo rail, lifting capacity SWL 4.5 tons@13m radius
Reefer Points	: 2x440v, 2x220v

Tow/Anchor-handling Equipment:

Tow/AH Winch	: 1 x Oilstates double drum waterfall, low pressure : Line pull of 350 tons @ 15m/min @ 1 st layer : Brake holding capacity @680tons@1 st layer of rope on the drum
Towing Wire Drum	: 5,500m x 77mm dia wire capacity
AH Drum Wire	: 5,500m x 77mm dia wire capacity
1 x Sec Winch	: 1 fixed drum with 2 dividing flanges with cut out dimension : B:1219mm, F:3499mm, L:13696mm, L2:914mm
1 x Storage Reel	: 1500mm x 77mm (spare tow wire)
Tugger Winch	: 2 x 15 tons nominal pull
Shark Jaw	: 2 x Triplex H-500 SWL 500 tons
Tow Pin	: 2 x Triplex H-200 SWL 600 tons (horizontal) 200 tons (vertical)
Capstan	: 2 x 10T each
Stern Roller	: 1 x 500 tons SWL, 6m x 3m dia
Grapnel & J-Hook	: 150 tons
Wildcats/Gypsies	: 2x76mm(install) + 2x84mm spare
Rudders	: 2 x independent high lift flat type, LxH=2000mmx4000mm
Rig Chain Lockers	: 4 x 94m ³ = 376 m ³

Towing / AH Wires:

Main Tow Wire	: 1,500m x 77mm dia
AH Wire	: 1,500m x 77mm dia
Spare Wire	: 1,500m x 77mm dia

Mooring Equipment:

Windlass	: 7.8T @ 12m/min for chain cables
Anchors	: 2 x SPEK Type Anchor 2,692kg
Cables	: 467.5m x 38mm dia

DP/Joystick Control:

Converteam ADP-2 system

FiFi 1 System/Oil Pollution Control:

Pump Capacity	: 2x1,650m ³ /hr @140m head, Class FiFi 1
Monitor	: 2x1,200m ³ /hr

Navigation & Communication Equipment:

MF/HF, Watchreceiver, VHF fixed, VHF portable, Inmarsat C, Navtex, Autopilot, Radar ARPA, Surface plotting, DGPS, Gyro, Echo Sounder, AIS Transponder, Fleet 77, VDR etc.

