

# POSH TEAL

21,456 BHP / 255 TBP / DP2 AHTS



## Principal Particulars

Flag	: Singapore
Call Sign	: 9V3945
Year Built	: 2012
Place Built	: Vietnam
Length Overall	: 91.60 m
Length B.P.	: 81.00 m
Beam Overall	: 22.00 m
Depth Moulded	: 8.80 m
Maximum Draft	: 6.80 m
IMO No.	: 9609794
Official No.	: 400589

## Classification

ABS + A1, Fire Fighting Vessel Class 1, DPS, AMS, WILD, Offshore Support Vessel & Anchor Handling, SPS, Oil Recovery Class 2

## Capacities

Gross Tonnage	: 6,262 tons
Net Tonnage	: 1,878 tons
Deadweight	: 4,600 tons
Fuel Oil	: 1,366.8 m <sup>3</sup>
Potable Water	: 886.1 m <sup>3</sup>
Drill Water/SWB	: 2,462.8 m <sup>3</sup>
Liquid Mud/Base Oil/ Brine	: 890.0 m <sup>3</sup> (6 tanks)
Dry Bulk	: 263.8 m <sup>3</sup> (4x 2,327 ft <sup>3</sup> )
Chain Locker	: 540.0 m <sup>3</sup>
Methanol	: 224.6 m <sup>3</sup>
Foam/ Detergent	: 31.9 m <sup>3</sup> / 31.9 m <sup>3</sup>
Speed	: XX knots
Endurance	: XX days towing at sea
Deck Space	: 900.0 m <sup>2</sup>
Deck Loads	: 10 tons / m <sup>2</sup>
Deck Cargo Capacity	: 1,200 tons

## Accommodation

One Man Cabin	: 8
Two Men Cabin	: 44
Four Men Cabin	: 1
Total Complement	: 100 persons

## Machinery & Equipment

Main Engines	: 4 x MAK 8M32C, 5,364 BHP each
Total BHP	: 21,456 BHP
Propellers	: 2 x CPP, Rolls Royce
Bow Thruster	: 3 x 790 kW, 13.26 T Thrust each
Stern Thruster	: 2 x 790 kW, 13.26 T Thrust each
Bollard Pull	: 255 T @ 100% MCR
DP -2 System	: Kongsberg K-Pos DP21 System
Main Generator	: 2 x CAT C32 rated 590kW / 440V/ 60Hz/ 3Ph
Alternator	: 2 x Leroy Somer LSA 54 M85/L6P rated 2,400kW/ 440V/60HZ, 3Ph
Emergency Gen	: 1 x CAT C4.4 rated 99kW / 440V/ 60Hz/ 3Ph

## Tow/Anchor handling Equipment

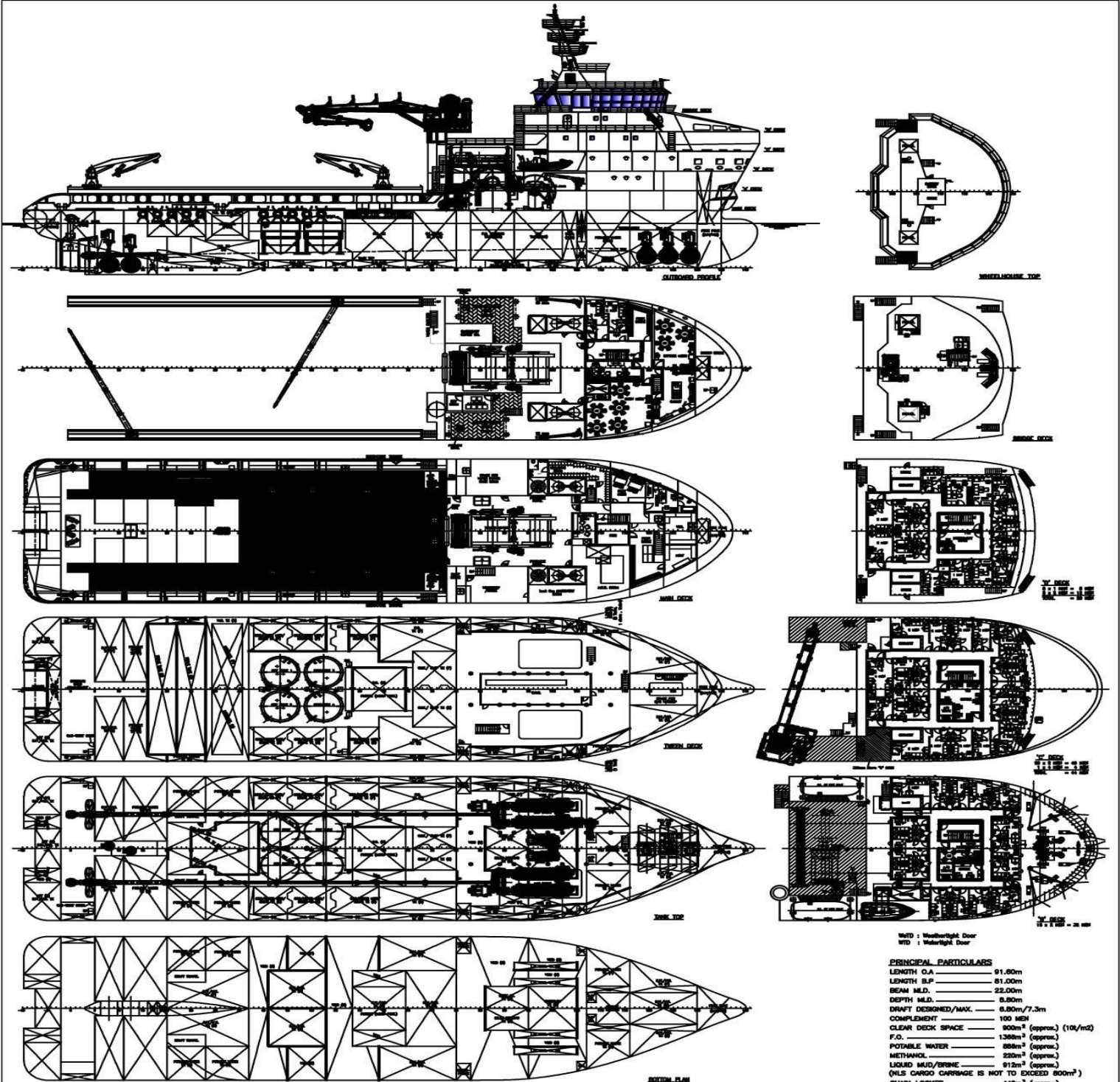
Tow/AHWinch	: 500T Brake, 400 T Pull, Brattvaag Double Drum Hydraulic Driven, Waterfall Type
Drum Capacity	: 4,000 m x 76 mm
Storage/Secondary	: 2 x 4,000 m x 76 mm
Chain Gypsy	: 2 x 90 mm, Non-Declutchable
Karm Fork	: 2 x Karm Fork, SWL : 650T
Tow Pin	: 2 x Tow Pin, SWL : 300T
Stern Roller	: 6.0 m x 3.0 m, SWL : 500T
Anchor Windlass	: 1 x 26 T @ 10 m/min, Brattvaag
Anchor Chain	: 2 x 275 m x 58 mm
Anchor (Bow)	: 2 x 3,240 kg HHP Anchors
Tugger Winch	: 2 x 20 T @ 10 m/min, Brattvaag
Capstan	: 2 x 9 T @ 16 m/min, Brattvaag
Deck Crane	: 2 x AH Crane, Rolls-Royce, SWL: 3T@10m – 14.3m; SWL: 5T@ 3.2m – 10m
Provisional Crane	: 1 x AHC Crane, ODIM ABAS, SWL: 20T@3.8m – 20m

## Fifi 1 System

Fifi Class (1) with Water Spray	
Pump	: 1 x 4,250 m <sup>3</sup> /hr @ 12m head
Monitor(w ater/foam)	: 2 x 1,200 m <sup>3</sup> /hr / 300 m <sup>3</sup> /hr @ 11 bars
Oil Dispersant	: 2 x 9 m Spray Boom

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WTD : Weatherlight Door  
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**PRINCIPAL PARTICULARS**

LENGTH O.A.	91.80m
LENGTH B.P.	81.00m
BEAM M.L.D.	22.00m
DEPTH M.L.D.	8.90m
DRAFT DESIGNED/MAX.	6.90m/7.3m
COMPLEMENT	100 MEN
CLEAR DECK SPACE	900m <sup>2</sup> (approx.) (10/m <sup>2</sup> )
F.O.	1300m <sup>3</sup> (approx.)
POTABLE WATER	200m <sup>3</sup> (approx.)
METHANOL	220m <sup>3</sup> (approx.)
LIQUID MUD/BRIENE	912m <sup>3</sup> (approx.)
(MLS CARGO CARRIAGE IS NOT TO EXCEED 800m <sup>3</sup> )	
CHAIN LOCKER	440m <sup>3</sup> (approx.)
D.W./W.B.	3000m <sup>3</sup> (approx.)

**AS-BUILT**

Date	Rev.	HO TAN BON	AS BUILT
21-06-12	X	Approval	Description
<b>TRIYARDS</b>			
Project: <b>H1001 - 92M DP2-AHTS</b>			
Drawing Title: <b>General Arrangement</b>		Scale: 1/175	
Drawing Number: <b>C4665-101-001</b>		Sheet: A1	
Drawn: <b>BUI VAN TANG</b>		Checked: <b>YEN NHI</b>	Approved: <b>HO TAN BON</b>
DATE	MODIFICATION	REV	BY
SHIP: <b>92m(16000 KW) ANCHOR HANDLING TUG/SUPPLY VESSEL</b>			
TITLE: <b>General Arrangement</b>			
OWNER	DESIGN ENGINEER	SHIP NO.	SHIP
CLASS	CLASS	H1001	101
<b>WARTSILA SHIP DESIGN SINGAPORE PTE. LTD.</b>			
14 ROBINSON ROAD, SINGAPORE 04887			
DESIGN	CHECKED	APPROVED	SCALE
CHEN YU	CHIA	1:250	C4665-101-001
DATE	SCALE	PROJECT NO.	REV
13-01-12	1:250	C4665-101-001	X
DATE	SCALE	PROJECT NO.	REV
21-06-12	A1	C4665-101-001	1/1