

# POSH TERASEA OFFSHORE PTE LTD

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## SALVANGUARD



**13,500 BHP/ 158 TBP AHT/ Ocean Towing/ Salvage Tug Call Sign: 9V6418**

### Principal Particulars

Flag	: Singapore
Year Built	: 2004
Place Built	: Singapore
Length Overall	: 75.00 m
Length B.P.	: 66.60 m
Beam Overall	: 18.00 m
Depth Moulded	: 8.00 m
Design Draft	: 6.00 m
IMO No.	: 9276664
Official No.	: 390204

### Classification

LRS + 100A1 Tug, Fire Fighting Ship 1 (2,400m<sup>3</sup>/hr) with Water Spray, SCM + LMC

### Capacities

Gross Tonnage	: 3342 tons
Net Tonnage	: 1002 tons
Deadweight	: 2700 tons
Heavy Fuel Oil	: 2200 m <sup>3</sup>
Diesel Fuel Oil	: 330 m <sup>3</sup>
Potable Water	: 200 m <sup>3</sup>
Lube Oil	: 10 m <sup>3</sup>
Foam Capacity	: 8 m <sup>3</sup>
Dispersant	: 8 m <sup>3</sup>
Speed	: 15 knots
Endurance	: 40 days towing at sea
Deck Loads	: 5 tons / m <sup>2</sup>
Deck Space	: 341m <sup>2</sup>

### Accommodation

One Man Cabin	: 6
Two Men Cabin	: 3
Four Men Cabin	: 6
Total Complement	: 36 men

### Machinery & Equipment

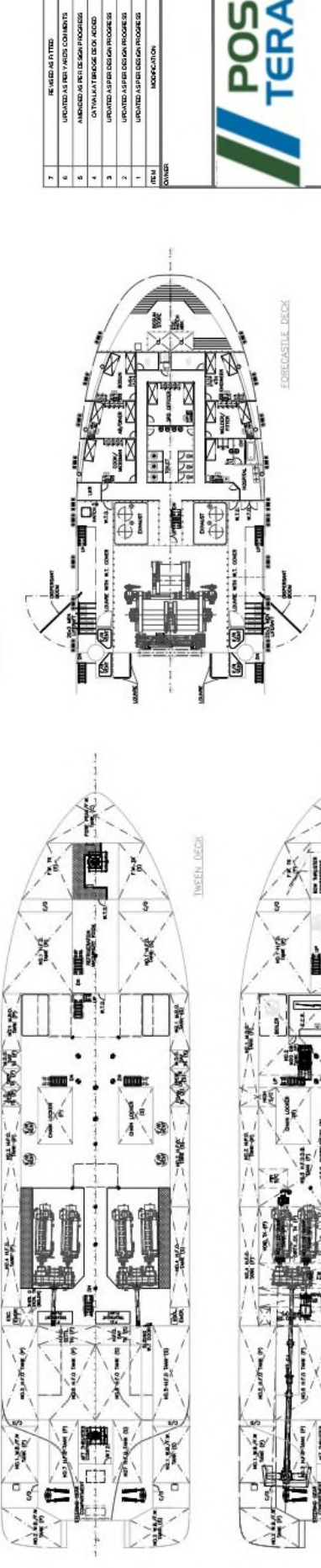
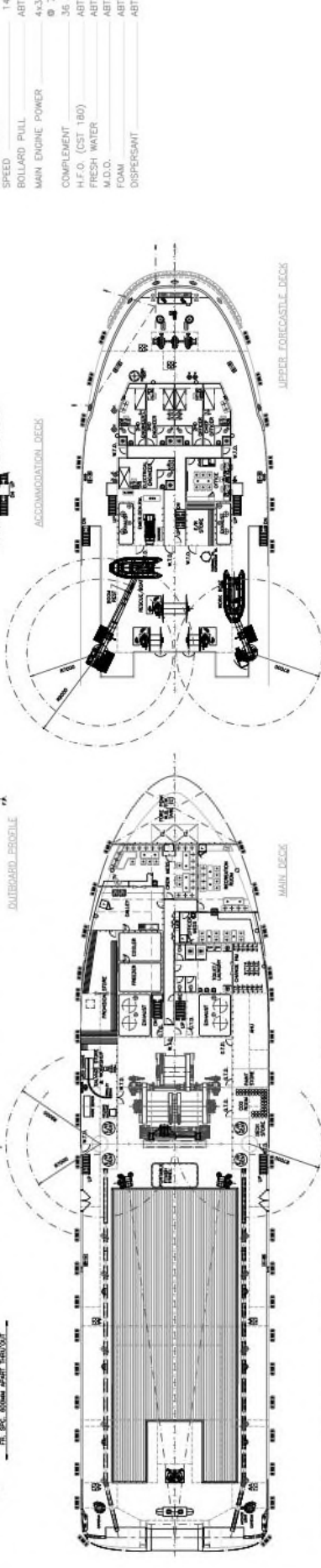
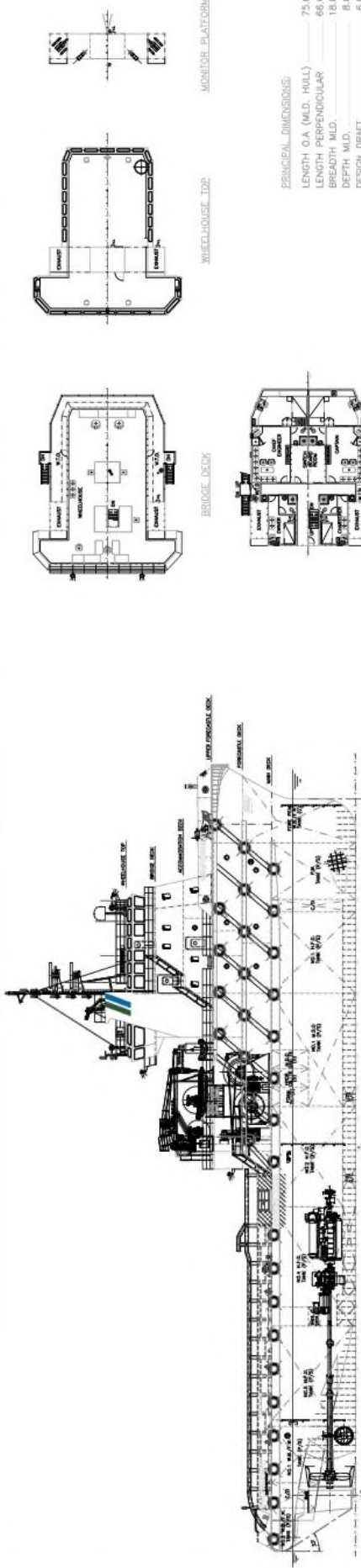
Main Engines	: 4 x Wartsila VASA 6R32LNE Total output 13,500BHP @750RPM
Generators	: 2 x 1200kW Shaft generators @415V 3Ph 50Hz : 2 x 350kW @1800RPM @415V 3Ph 50Hz : 1 x 105kW @1800RPM.
Propellers	: Twin screw Controllable Pitch (Lips)
Bollard Pull	: 158 tons
Bow Thruster	: 1 x Lips 12 tons
Stern Thruster	: 1 x Lips 10 tons
Deck Crane	: 2 x Electro-hydraulic 360° slewing each 8 tons SWL @ 7m

### Tow/Anchor handling Equipment

Tow/AH Winch	: Brattvaag Hydraulic Triple Drum, Waterfall Type. Brake holding capacity @400 tons. 2 x declutchable anchor handling drum for dia 76mm, 1500m wire. 1 x declutchable towing drum for dia 76mm, 1500m wire. Two non declutchable hardwelded cable lifters for 84mm chain fitted outside of the anchor handling drum
Tugger Winch	: 2 x Electro-hydraulic, each 10 tons @15m/min
Shark Jaw	: 1 x Triplex H350, 300 tons SWL
Guide Pin	: 1 x Triplex S200, 200 tons SWL
Capstans	: 2 x Electro-hydraulic each 8 tons @0-18m/min.
Stern Roller	: 1 x 300 tons SWL, 5.5m x dia 3m
Chain Lockers	: 2 @5400mm x 3300mm x 8000mm. Capacity 142.56 m <sup>3</sup>

### FiFi 1 System

Fire Pump	: Two seawater centrifugal pumps, each capacity of 1683m <sup>3</sup> /hr @ pump speed of 1800RPM
Fire Monitor	: Two dual foam/water monitor each capacity of 1200 m <sup>3</sup> /hr at 11.5 bars



**PERIPHERAL DIMENSIONS:**  
 LENGTH OA (MID. HULL) 75.00M  
 LENGTH PERPENDICULAR 66.60M  
 BREADTH MLD 18.00M  
 DEPTH MLD 8.00M  
 DESIGN DRAFT 6.00M  
 SPEED 14 KNOTS  
 BOLLARD PULL ABT. 160 TONNES  
 MAIN ENGINE POWER 4x3550 BHP @ 750 RPM  
 COMPLIMENT 35 MEN  
 H.F.O. (GST 180) ABT. 2350 M<sup>3</sup>  
 FRESH WATER ABT. 200 M<sup>3</sup>  
 M.D.O. ABT. 400 M<sup>3</sup>  
 FOAM ABT. 10 M<sup>3</sup>  
 DISPERSANT ABT. 10 M<sup>3</sup>

NO.	RE. VED. AS FITTED.	LI	20/12/03
7	UPDATED AS PER VENDOR COMMENTS	LOW	08/12/03
6	ADDED AS PER DESIGN PROGRESS	COLO	09/03/03
5	UPDATED AS PER DESIGN PROGRESS	SA	17/03/03
4	UPDATED AS PER DESIGN PROGRESS	SA	23/03/03
3	UPDATED AS PER DESIGN PROGRESS	SA	15/03/03
2	UPDATED AS PER DESIGN PROGRESS	SA	24/02/03
1	MODIFICATION	BY	DATE
OTHER			



PROJECT 75M SALVAGE/TOWING TUG

TITLE GENERAL ARRANGEMENT

DATE: 20/02/03 SCALE: 1:100 SHEET: OF 1  
 DRAWN BY: MEWK PROJECT NO: J205  
 CHECKED BY: DRAWING NO: 026/01 DES. T.

OWNER:  POSEIDON  
 ARCHITECT:  TERASEA  
 VENDOR:

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