

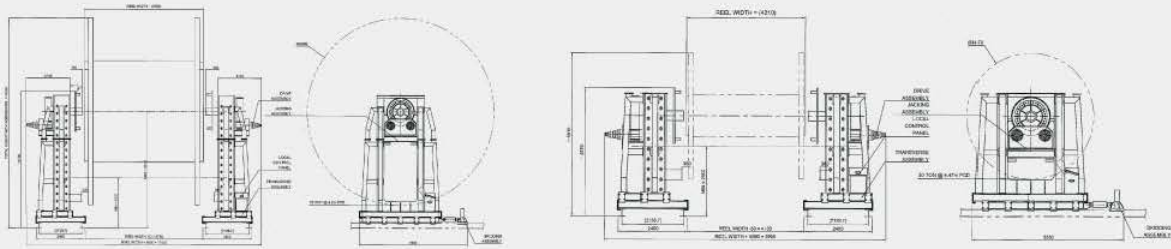


offshore construction and maintenance vessels purpose built for operations. The vessels are fitted with state-of-the-art ROV, A-Frame and Reel Winder system.

- Length 75.50m
- Breadth 17.00m
- Depth Mould 7.50m
- Gross Tonnage 2921 tons (approx.)
- Net Tonnage 876 tons (approx.)
- 200t A-Frame
- 2 x Auxiliary cranes
- Side launched world class ROV system
- Class II DP System



# SPECIFICATION



## TECHNICAL SPECIFICATION

Port of Register Port Klang  
 Designer Conan Wu & Associates Pte Ltd  
 Classification ABS, Maltase Cross+A1,  
 Fifi-1, DPS-2 +AMS Anchor Handling/  
 Offshore Support Vessel  
 Year Built April 2009  
 Flag Malaysian

## PRINCIPAL PARTICULARS

Length O.A. 75.50m  
 Breadth Mould 17.00m  
 Depth Mould 7.50m  
 Design Draft 6.48m  
 Summer Draft 6.00m  
 Gross Tonnage 2921 Tons (approx.)  
 Net Tonnage 876 Tons (approx.)  
 Free Deck Space 500 m<sup>2</sup> (approx.)

## MACHINERY / PROPULSION

Main Engines 2 x Diesel engine BERGEN  
 2 x 6120 p.s @ 750rpm c/w reduction gearbox  
 Propulsion ULSTEIN CPP system  
 Performance Speed (Designed) Approx. 14.5 knots at 100% MCR  
 Bow Thruster / Stem Thruster 1 ea x 11 tons capacity electric  
 motor driven Ulstein CPP Tunnel Thruster for bow & stem  
 Retractable Thruster 1 x 13.5 tons Diesel engine driven Ulstein  
 retractable Thruster  
 Bollard Pull Approx. 150 tons @ 100% MCR  
 Diesel Driven Generators 2 x 590kW, 440/3/60  
 Shaft Alternators 2 x 1730kW, 440/3/60

## GENERAL

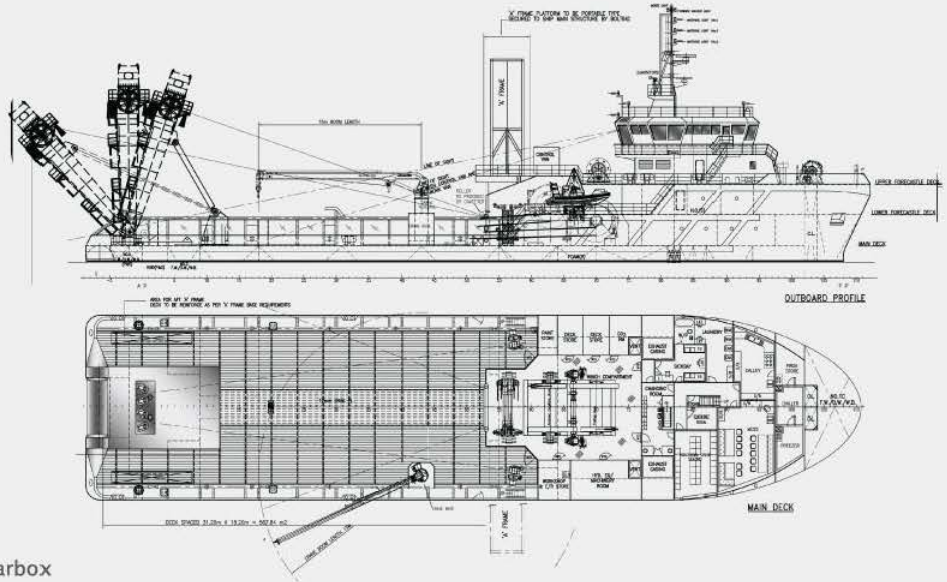
Rescue Boat 1 x FRC Type Rescue boat c/w self launching davit  
 Dynamic Positioning System - 2 1 set  
 USBL System - 2 1 set ROV Mezzanine Deck

## ACCOMMODATION

2 x 1-Man Cabins (2) 10 x 4-Men Cabins (40)  
 3 x 2-Men Cabins (6) **Total = 48 men**

## CARGO / TANK CAPACITY

Fresh Water Tank 760.0 cu. m.  
 Fresh / Drill Water / SWB Tank 560.0 cu. m.  
 Fuel Oil Tank 1,150.0 cu. m.  
 Liquid Mud / Brine Water Tank 720.0 cu. m.  
 Hydraulic Oil Tank 7.0 cu. m.  
 Foam Tank 21.0 cu. m.  
 Dispersant 21.0 cu. m.  
 Lube Oil Storage Tank 11.0 cu. m.  
 Dirty Oil Tank 17.0 cu. m.  
 Cement Tank 10,800.0 cu. m.  
 Lube Oil Storage Tank (M/E) 14.0 cu. m.  
 Lube Oil Storage Tank (G/set) 6.5 cu. m.



## DECK MACHINERY & TOWING / ANCHOR HANDLING EQUIPMENT

Towing & Anchor Handling Winch Double Drum Waterfall  
 type low pressure electro hydraulic operated.  
 Make: BRATVAAG Norway  
 Towing / Working Drum Capacity 2990 M x 82 mm dia each  
 Winch Load Capacity 350 Tons @ 6m/min. at low speed  
 Brake Holding 1st layer  
 Storage Reel Winch Capacity 450 Tons Brake Holding  
 1 x 3500 m x 82 MM dia @ electro hydraulic system  
 Gypsy Winch (2) PS @ STB Currently fitted with Gypsy wheels for  
 90mm chain, adjustable for 58mm to 12mm chain (350 Tons)  
 Chain Lockers (2) PS @ STB, 144.45 cu. m. each  
 Towing Pins sets x 500 Tons  
 Shark Jaw 4 sets 200 Tons Karmfork  
 Stern Roller 5.500 M (L) x 2.50 M dia.  
 Anchor Windlass / Towing Winch 1 x 14 Tons @ electro  
 hydraulic system  
 Capstan 2 x 10 Tons @ electro hydraulic system  
 Tugger Winch 2 x 15 Tons @ electro hydraulic system  
 Provision Deck Crane 1 x 10 Tons (8m) SWL @ Marine Type

## FIRE FIGHTING EQUIPMENT

External Fire Fighting System Fifi 1 System @ 2 x 1200 cu.  
 M3/hr water monitor c/w deck spray system to ABS rules  
 Internal Complies to classification Society & SOLAS requirement