

## 65M ANCHOR HANDLING OFFSHORE SUPPORT VESSEL



### TECHNICAL SPECIFICATION

**Port of Registry** : PORT KELANG

**Designer** : Wartsila Ship Design Pte. Ltd. (formerly CWA)

**Classification** : American Bureau Of Shipping (ABS + A1 + AMS @ FiFi 1 + DPs-1) Anchor Handling / Offshore Support Vessel

**Year Built** : July. 2010

**Flag** : Malaysian

PRINCIPAL PARTICULARS		MACHINERY / PROPULSION	
Length O.A.	: 65.50 M	Main Engines	: 2 x Diesel engine Rolls Royce/Bergen
Beam Moulded	: 16.00 M		: 2 x 4000 BHP @ 750 rpm c/w CPP each
Depth Moulded	: 6.50 M	Propulsion	: Reduction gear
Gross Tonnage	: 2147 Tons (approx.)	Performance Speed (Designed)	: Approx. 14.0 knots at 100% MCR
Net Tonnage	: 644 Tons (approx.)	Bow Thruster	: 1 x 10 tons Ulstein CPP type (Elect. motor driven)
Free Deck Space	: 415 m <sup>2</sup> (approx.)	Stern Thruster	: 1 x 10 tons Ulstein CPP type (Elect. motor driven)
Deadweight	: 2056.23 tons @ 5.60m draft	Retractable Thruster	: 1 x Ulstein Retractable Thruster (Diesel engine driven)
		Bollard Pull	: 110 tons @ 100% MCR
		Generators	: 2 x 450kW Diesel engine, 440/3/60
		Steering Gear	: 2 x Independent electro-hydraulic system
		Shaft Alternator	: 2 x 1450 kW, 440/3/60

CARGO / TANK CAPACITY		DECK MACHINERY AND TOWING / ANCHOR HANDLING EQUIPMENT	
Fresh Water Tank	: 549.6 m <sup>3</sup> approx.	Towing & Anchor Handling Winch	: Double Drum Waterfall type @ electro hyd. system
Fresh/Drill Water/SWB Tank	: 471.4 m <sup>3</sup> approx.	Tow Drum Capacity	: 2 x 1500m x 64mm dia.
Fuel Oil Tank	: 641.1 m <sup>3</sup> approx.	Winch Load Capacity	: 250 Tons @ 8.5m/min. at low speed 1 <sup>st</sup> layer
Liquid Mud/Brine Water Tank	: 322.5 m <sup>3</sup> approx.	Brake Holding	: 300 Tons Brake Holding
Hydraulic Oil Tank	: 7.4 m <sup>3</sup> approx.	Storage Reel Winch Capacity	: 1 x 1800 m x 64mm dia. @ electro hydraulic system
Foam Tank	: 14.7 m <sup>3</sup> approx.	Shark Jaw / Towing Pins	: 1 x 300 Tons/160 Tons @ electro hydraulic system
Dispersant	: 14.7 m <sup>3</sup> approx.	Stern Roller	: 4.80m (L) x 2.0m dia.
Lub Oil Storage Tank	: 14.8 m <sup>3</sup> approx.	Anchor Windlass/Towing Winch	: 1 x 11 Tons @ electro hydraulic system
Dirty Oil Tank	: 7.8 m <sup>3</sup> approx.	Capstan	: 2 x 9 Tons (410mm dia) @ electro hydraulic system
Cement Tank	: 7600.0 ft <sup>3</sup> approx.	Tugger Winch	: 2 x 10 Tons @ electro hydraulic system
Sewage Holding Tank	: 12.7 m <sup>3</sup> approx.	Provision Crane	: 1 x 5 Tons SWL @ 15m (Telescopic Type)
Bilge	: 7.4 m <sup>3</sup> approx.		
Brine /DW/WB	: 149.4 m <sup>3</sup> approx.		
Fuel Oil Day Tank	: 33.2 m <sup>3</sup> approx.		

FIRE FIGHTING EQUIPMENT		NAVIGATION / COMMUNICATION EQUIPMENT	
External	: FiFi 1 System @ 2 x 1200 cu. m/hr water monitor c/w deck spray system	GMDSS Radio A3	: 1 complete set
		GPS Navigator	: 1 unit
		Echo Sounder	: 1 unit
		Radar	: 2 units
Internal	: Complies to classification Society & SOLAS requirement	Gyro Compass c/w Autopilot	: 2 units Gyro Compass, 1 unit Autopilot
		Speed Log	: 1 unit
		Navtex Receiver	: 1 unit
		Automatic Identification System	: 1 unit
		DP-1 System	: 1 set

LIFE SAVING EQUIPMENT			
Life raft	: 6 x 20 men	First Aid Kit	: 4 x 25 men
Lifebuoys	: 10 nos.	Work Vest	: 8 Driclad type 1
Lifejackets	: 57 nos.	Man Overboard Smoke	: 2 pcs
Oxygen Resuscitator	: 1 set c/w oxygen cylinders & 2 spare bottles	Stretcher	: 1 paraguard rescue stretcher MK3 & 4 points lifting sling
Rescue / Workboats	: 1 x DSB semi rigid type	Splints	: 6 sets
		Pyrotechnics	: 1 x line throwing apparatus
			: 12 parachute distress rockets
			: 2 orange smoke signals

ACCOMMODATION			
2 x 1-Man Cabins (2)	4 x 2-Men Cabins (8)	7 x 4-Men Cabins (28)	<b>Total = 38 men</b>

F U L L Y   A I R - C O N D I T I O N E D

(All information believed to be correct but not guaranteed)

[Updated: 22-Jul-2010]