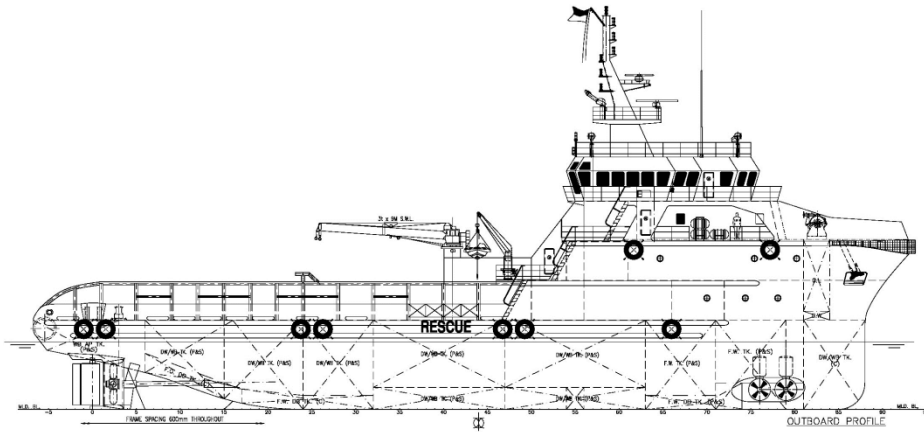


5,150 BHP FiFi 1 Anchor Handling Tug/ Supply



GENERAL SPECIFICATION

General Particulars

Year Built	2012
Flag	Singapore
Class	ABS
Notation	✕ A1(E) "Towing Vessel, Fire Fighting Vessel Class 1, Offshore Support Vessel, AH" ✕ AMS, ✕ DPS-1

Principal Dimensions,

Length Overall	59.85 m
Breadth Moulded	14.95 m
Depth Moulded	6.10 m
Draft Moulded	4.60 m
GRT / NRT	1678 T / 503 T
Deadweight	1300 T

Machinery

Main Engine	2 x 2575 bhp
Main Generator	2 x 350 kW, 415 V/3 ph/50 Hz
Shaft Generator	2 x 950 kW, 415 V/3 ph/50 Hz
Emergency Genset	1 x 65 kW, 415 V/3 ph/50 Hz
Propulsion System	2 x Controllable pitch propeller
Steering Gear	Electro-Hydraulic of Twin Screw Arrangement, 8t-m Thrust
Bow Thruster	2 x 8 Tons controllable pitch

Performance & Consumption

Bollard Pull	65 Tons
Maximum Speed	12.5 Knots
Deck Loading	7 Ton/m ²
Clear Deck Area	330 m ²

Deck Machinery

Towing winch	1 x 150 Ton line pull, brake hold 200 T
Windlass	Electro-hydraulic 2 x warping drum 8Ton @ 12m/min, 36mm dia. chain
Stern roller	SWL 200 MT, 4.18 m (L) x 1.6 m diameter
Shark jaw	1 set SWL 200 Ton
Tow pin	2 vertical hydraulic w/side force cap of 200 Ton/600mm extend above main deck
Tugger Winch	2 x 10 Tons @ 15m/min
Capstan	2 x 5 Tons @ 15m/min
Deck Crane	3 Ton SWL @ 9m

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GENERAL SPECIFICATION

Tank	Capacity	Discharge Rates	Navigation Equipment	
Fuel Oil	590 m ³	1 x 150m ³ /hr @ 75m head	X-band radar	2 x Furuno/ JRC
Fresh Water	300 m ³	1 x 100m ³ /hr @ 75m head	Echo Sounder	1 x Furuno/ JRC
W.B./D.W.	800 m ³	1 x 100m ³ /hr @ 75m head	DGPS	1 x Furuno/ JRC
Mud	260 m ³	2 x 70 m ³ /hr @ 85m head	Magnetic Compass	1 x REFLECTA 1 or equivalent
Dry Bulk Cement	170 m ³		Autopilot	1 x Anschuetz or equivalent
Foam	13 m ³		Weather Facsimile Receiver	1 x Furuno/ JRC
Detergent	13 m ³		Doppler Speed Log	1 x Furuno/ JRC
			PA system	1 x 50W power output
Accommodation			Fire Fighting / Extinguishing System	
4 x 1 man cabin =	4 men		Meet FIFI Class 1	
3 x 2 men cabin =	6 men			
8 x 4 men cabin =	<u>32 men</u>			
Total	<u>42 men</u>			
Hospital	1 man			
GMDSS System			External (FFS):-	
GMDSS System	1 x Furuno Model RC-1800T, 250W for A1-2-3		Fire Pumps	2 x seawater pumps, 1400 m ³ /hr
Satellite EPIRB	1 x McMurdo model SMARTFIND E5		Fire Monitors	2 units, 1 w/ double barrel for foam discharge Capacity 1200 m ³ /h @ 12 bar, Throw Length 120 m
2-way portable VHF Radio	3 x McMurdo Model R2 GMDSS		Foam/Dispersant System (Comply to FiFi Class 1 requirement)	
SART	2 x 9GHz, McMurdo S4 Rescue SART		Internal:-	
Navtex Receiver (GMDSS)	1 x Furuno NX-700A 518khz and 490kHz Navtex Receiver for DC 24v operation		CO ₂ system in engine room	
AIS	1 x Furuno FA-150 for DC 24V		Special Purpose Ships	
Anemometer	2 unit		Comply to latest SPS Code	
			Life Saving / Rescue Equipment	
			SOLAS Compliant	
			Other Miscellaneous	
			Fresh Water Maker	1 x 5 Ton/day
			Sewage Treatment Plant	1 x 50 Pax
			Oily Water Separator	1 x Separator, 1 m ³ /hr capacity with oil content less than 15 ppm

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