

76M 165t DP2 AHTS Bollard Pull Fifi 1



<u>Item</u>	<u>Specification</u>	<u>Item</u>	<u>Specification</u>
Type of Vessel	Offshore Support Vessel	17. Deck Machinery	Two (2) sets electro-hydraulic capstans. Two (2) units electro-hydraulic Tugger Winch. Two (2) units electro-hydraulic Storage Reel. One (1) set of KARM Fork and Towing Pins consisting of two (2) Towing pin dia 450mm with flaps for horizontal locking for ships with a bollard pull up to 300ton. A stern roller of 4500 mm long by Ø2300/Ø2500 mm SWL 450 tons. One (1) electro-hydraulic crane is to be installed.
Plying Limit Classification	Unrestricted Bureau Veritas (BV Class)	18. Propulsion Machinery	a) Main Engines 2 x MAK of 6030 BHP @ 600 rpm b) Marine Gearbox 2 x Reintjes c) Propulsion 2 x Berg CPP package – 4 Blades d) Bow Thruster 2 x 10 tonnes BERG 650kW e-motor driven e) Stern Thruster 1 x 10 tonnes BERG 650kW e-motor driven f) Dynamic Positioning System DP2 type Kongsberg
Class Notation	+ I,+ Hull, + MACH, Towing offshore Suport Vessel/ AHT / FIFI 1 – Water Spraying, + AUT – UMS, + Dynafos – AM/AT-R, Unrestricted Navigation	19. Navigation & Communication Equipment	a) GMDSS Area 3 b) Gyro Compass 1 x Gyrostar II c) Radar 2 x Furuno FR 1510 d) Echo sounder 1 x Furuno FE 700 e) SART 2 x Mc Murdo RT-9 f) EPIRB 1 x Saracom EB-10 g) Navtax Receiver 1 x Furuno NX-500 h) Autopilot 1 x Raytheon NP-60 i) Weather Fax 1 x Furuno FAX – 207 j) Speed Log 1 x Furuno DS-80 k) GPS Plotter 1 x Furuno GP-90
07. Port Of Registry	Jakarta	20. Accommodation	Fully air conditioning total 46 berth 6 x 1 berth cabin 20 x 2 berth cabins 1 x Sickbay & 1 x Prayer Room
08. Flags	Indonesia	21. Fire Fighting	FIFI 1 a) Fire Pumps 1500m ³ /hr at 14 bar Jason/Aker b) Fire Monitor 1200m ³ /hr at 12 bar & 120m throw length
09. Horse Power	2 x 6,030 BHP	22. Life Saving Appliances	As per SOLAS 74/78, Port of Registry and Classification's requirements.
Min Bollard Pull	165Tonnes	23. Other Equipment	a) Life Rafts 6 x 25 men b) Rescue Boat 1 x 6 men rigid inflatable c/w davit & 40 HP outboard engine. c) Compressor 1 x BA recharging compressor d) Gas Detector system 5 H2S & Hydrocarbon sensors
10. Cruising Speed	10.0 Knots	26. GRT/NRT	3511/1053
11. Fuel Consumption	Max Speed 1850 Lt/Hr Generator 120 Lt/Hr	27. Year built	2012
12. Main Characteristics	L.O.A 76.00 M Breath Moulded 18.50 M Depth Moulded 8.00 M Max Draft 6.00 M Deck Strength 7.5MT/Sq M Clear Deck space 580 Sq M Deck Cargo 800 MT Deadweight 2900 Tonnes		
13. Capacity	Fuel Oil 1,000 cu.m Fresh Water 700 cu.m Drill Water 900 cu.m Liquid Mud 800 cu.m Dry Bulk 310 cu m Foam 10 cu.m Detergent 10 cu.m Base Oil / Brine 140 cu.m Bilge Holding Tank 10 cu.m Dirty Bilge Tank 11 cu m		
14. Auxiliaries	2 x CAT 425eKW each 2 x shaft generator of 2300 KW each 1 x CAT 72KW emergency genset		
15. Anchor Windlass	One (1) unit electro-hydraulic anchor windlass mooring winch. The hydraulic will consist of two gypsies and two mooring drums. Both the gypsies and mooring drums will be operated by manual jaw clutches. It is driven by high torque low speed hydraulic motor through a single stage of spur gear reduction housed in totally enclosed oil- bath gearbox.		
16. Anchor-Handling/Towing	One (1) set electro-hydraulic low pressure double drum towing / anchor handling winch in waterfall arrangement.		