

10,188 BHP ANCHOR HANDLING TUG SUPPLY VESSEL (DP2 / FIFI1) 128.16 T BOLLARD PULL



REGISTRATION

Owner	
Manager	
Built	Remontowa, Poland
Classification	ABS *A1, *AMS, *DPS-2, ©, AH/Offshore Support & Towing Vessel, Fire Fighting Class 1
Flag	Malaysia

DIMENSIONS

LOA	70 m
Breadth (moulded)	15.5 m
Depth (mould to sh.dk)	6.6 m
Draft (max)	5.112 m
GRT	2301
NRT	690
Deadweight @ 5.112m	2058T

CARGO CAPACITY

Clear Deck Space	415 m2 (34.6 X 12)	
Deck Load	1000 T	
Fuel Oil	828 Cum	@100%
Potable Water	608 Cum	@100%
Drill Water	656 Cum	@100%
Mud	480 Cum	@100%
Liquid Mud	480 m³	@ 100%
Drilling Fluid	990 Cum	@100%
Dry Bulk	190 Cum	@100%

DISCHARGE RATES

Fuel	650 GPM	@ 86PSI TDH (60 Mts)
Pot Water	1 x 150 m³/hr	@ 90 mhd
Drill Water	1 x 150 m³/hr	@ 90 mhd
Mud	1 x 150 m³/hr	@ 67 mhd
Brine	1 x 75 m³/hr	@ 90 mhd
Base Oil	1 x 150 m³/hr	@ 90 mhd
Slop Disc.	1 x 5 m³/hr	@ 45 mhd
Dry Bulk	1 x 1100 m³/hr	@ 5.5 Bar

MACHINERY

Main Engines	2 x 5,094 KW Total – 10,188 BHP
Shaft Alternators	2 x 1,724 kW
Generators	2 x 250 kW
Emergency Gen	1 x 105 kW
Bow Thrusters	2 x 800 BHP (Tunnel)
Stern Thrusters	1 x 800 BHP (Tunnel)
Rudders	2 x Fish tail high lift
Propellers	4 bladed prop in Nozzles

SPEED & CONSUMPTION

At 5.0 M draft = 14Kts

ACCOMMODATION TOTAL 28 PERSONS

2 x 1 berth cabins	= 2
9 x 2 berth cabins	= 18
2 x 4 berth cabins	= 8
1 X 1 hospital	= 1
All cabins fully air-conditioned	

EXTRA EQUIPMENT

Rescue Zone -	Port & Stbd side
Oily Water Separator -	1 m³/hr MARPOL standard.
Sewerage Treatment Plant –	1 x 29 men per day.

VESSEL MANAGEMENT DP AND JOYSTICK (ABS NOTATION DPS-2, FMEA)

L3 DP system
2 x DP Controller
2 x Wind Sensor
2 x Master Gyro
2 X DGPS
1 X Cyscan
Joystick for control of all the thrusters and propellers
Powers management System
VRS

CRANES

1 x 2T @ 10m

BOLLARD PULL

128.16 T

TOWING AND ANCHOR HANDLING

Double Drum A/H Towing Winch, Fukushima DDWG-300H-4M Brake Holding 450 Tonnes Winch Pull	350T 197T 129T	@ 6m/min @ 10.m/min @ 16.3m/min
Towing drum Capacity	1500 m X 76 mm	
Anchoring Handling Capacity	1,500 m of 76 mm	
Gypsies	2 x 3.25 inch (76mm Chain)	
Karm Forks	2 x SWL 300 T	
Towing pins	4 x SWL 160 T	
Stern Roller	2.5 m Ø x 4 m	
	SWL 500 T	
Chain Lockers	2 x 80 m³	
Tugger Winches	2 x 10 T	

STORAGE DRUM

Capacity: 1,500 m of 76 mm

FIREFIGHTING - FIFI CLASS 1

2 x 1,500 m³ / hr @ 14 Bar
2 x 1,200 m³ / hr remote controlled Fire Monitors Throw 120 m x Height 50 m

NAVIGATION AND COMMUNICATION EQUIPMENT

SSB Radio 400 w duplex Radiotelephone MF/HF radio telephone
Inmarsat C
VHF radio tel C/W DSC watch-receiver
AIS
Navtex
Radar Transponder - SART
EPIRB
Magnetic Compass
Ship Security System
2 x Radar X Band ARPA
Doppler Speed Log
GPS Navigator
Echo Sounder
3 x GMDSS Walkie Talkies

10,188 BHP ANCHOR HANDLING TUG SUPPLY VESSEL (DP2 / FIF1)
128.16 T BOLLARD PULL



GENERAL ARRANGEMENT DRAWING

