

MV ZAKHER POWER



**60.00 M ANCHOR HANDLING TUG SUPPLY VESSEL
FIFI 1**

GENERAL

Year of Build / Place	: 2010/ Malaysia
Official No.	: 10853/N
IMO No.	: 9583275
Flag	: St. Vincent & the Grenadines
Port of Registry	: Kingstown
Call Sign	: J8B4380
Classification	: B.V. I + Hull * Mach Supply Vessel for Unrestricted Navigation
GRT/NRT	: 1416 / 425

DIMENSIONS

Length O.A.	: 60.00 m
Length B.P.	: 54.4 m
Beam Moulded	: 13.80 m
Depth Moulded	: 5.50 m
Summer Draft	: 4.50 m
Lightship	: 1260.84 MT
Deadweight	: 1269.22 MT
Displacement (max)	: 2530.06 MT

MACHINERY

Main Engine	: 2 x Mitsubishi S12U-MPTK
Horse Power	: 6000 HP @ 1100 rpm
Propellers	: 2 Nos. FPP with nozzle
Generators	: 3 x CAT 3406, 260 kw, 415/3/50 Hz.
Emergency Generator	: 1 x CAT GEP-110 80 kw, 415/3/50 Hz.
Bow Thruster	: 1 x Fixed Pitch, Schottel, 7 tons thrust

CAPACITIES & DISCHARGE RATES

Clear Deck Area	: 350 m ²
Deck Strength	: 7 tons/m ²
Fuel Oil	: 400.69 m ³ / 100 m ³ /hr @ 70 m
Potable Water	: 413.70 m ³ / 100 m ³ /hr @ 60 m
Drill Water / Ballast	: 207.84 m ³ / 80 m ³ /hr @ 60 m
Dry Bulk	: 4 tanks, total 113 m ³ / 80 m ³ /hr @ 70 m
Mud	: 316.5 m ³ / 60 m ³ /hr @ 75 m
Foam	: 9.46 m ³
Dispersant	: 9.46 m ³
Freezer / Chiller	: 8.5 m ³

OTHERS

Sewage Treatment Plant	: 42 men capacity
Rescue Boat	: 1 Rigid inflatable type, 6 person

PERFORMANCE

Speed	: 12.0 knots
Type of Fuel Used	: Marine Gas Oil

ACCOMMODATION

Total Accommodation	: 42 men incl. crew
Cabins	: Forecastle Deck -2x2p, 6x4p Upper Forecastle Deck - 2x1p, 2x2p 2x4p
Recreation Room	: 1

DECK MACHINERY

Anchor Windlass	: 1 x electro hydraulic 8 tonnes @ 12m/min
Anchors	: 2 x stockless anchor, each 1305 kg
Anchor Chain	: 2 x 440 m x 40 mm Grade 2 steel stud link chain
Capstans	: 2 x 5T
Tugger Winch	: 2 x 10T
Provisional Crane	: 2T @ 10m

TOWING & ANCHOR HANDLING EQUIPMENT

Bollard Pull	: 76.30T
AH/Towing Winch	: 1 x hydraulic, DD waterfall type 150T break holding, 200T on 1st layer
Stern Roller	: 3.5 m x 1.4 m, 200T SWL
Shark Jaws	: 1 x hydraulically operated anchor handling fork, SWL 200T
Towing Pins	: 2 x hydraulic 200T SWL

EXTERNAL FIRE-FIGHTING

Fire Pump	: 2 x 1200 m ³ /hr seawater pump
Emergency Fire Pumps	: 1 x Azcue CA 80/15-A CW, 30m ³ /hr @45m
Fire Monitors	: 2 x 1700 m ³ /hr
Spray Booms	: 2 x 6 m, 10 nozzle, 810 liters / min

COMMUNICATION & NAVIGATION EQUIPMENT

GMDSS:

HF DSC 1	: JRC – NCM 1770
VHF DSC 2	: JRC-NCM 1770
MF/HF DSC	: JRC-JSB196GM
INM-C 1	: JRC-JUE 85
INM-C 2	: JRC-JUE 85
GMDSS SURVIVAL RADIO	: ACR SR103 (3No.s)
SART	: ACR PATHFINDER3 (2No.s)
EPIRB	: GME 403FF
NAVTEX	: JRC NCR333

NAVIGATION:

GPS	: JRC-JLR 7700 MK2
AIS	: JRC-JHS 182
GYRO COMPASS 1	: YOKOGAWA CMZ 700B
RADAR 1	: JRC-JMA 5312-6
RADAR 2	: JRC-JMA 5312-6
ECHO SOUNDER	: JRC-JFE 380
AUTOPILOT	: NAVITRON NT888G

ECDIS

: TRANSAS NAVISAILOR 4000

SAFETY & SECURITY:

SSAS	: JRC JUE 85
LRIT	: JRC-JUE 85
FIRE ALARM SYSTEM	: MINERVA MARINE
BNWAS	: NAVGARD

ENTERTAINMENT:

TVRO	: INTELLION I9
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