

# MV ZAKHER CREST



60 m 6000 BHP ANCHOR HANDLING TUG SUPPLY VESSEL (FIFI 1)

## ACCOMMODATION

Total Accommodation	: 40 men incl. crew
Cabins	: Forecastle Deck - 2x2p, 6x4p Upper Forecastle Deck - 4x1p, 2x4p
Office	: 1
Recreation Room	: 1

## DECK MACHINERY

Windlass	: 1 x electro hydraulic 8.0 T at 12m/min
Anchor Chain	: 2 x stockless anchor, each 1440 kg 660 m x 40 mm Grade 2 steel stud link chain
Capstans	: 2 x 7.5T @ 15 m/min
Tugger Winch	: 2 x 10T @ 15 m/min
Provisional Crane	: 2.2T @ 8.0 m

## TOWING & ANCHOR HANDLING EQUIPMENT

Bollard Pull	: 72.17T
AH/Towing Winch	: 1 Hydraulic Waterfall type DD, 75T line pull, 150T break holding power
Stern Roller	: 3.5 x 1.5, (SWL 200 mt)
Shark Jaws	: 1 Hydraulic operated Anchor Handling fork (Hydraulically retractable shark jaws) SWL 200T
Towing Pins	: 2 Vertical Hydraulic

## EXTERNAL FIRE-FIGHTING

Fire Pump	: 1 x 1200 m3/hr, 1 x 1700 m3/hr Driven by CAT 3412 D 848 BHP @ 1800 rpm
Fire Monitor	: 2 x 1200 m3/hr, electric joystick remote controlled from wheelhouse
Emergency Fire Pumps	: 1 x 25 m3/hr @ 30m, Desmi S80-70-220/A09
Spray Booms	: 2 x 6 m, 10 nozzle

## COMMUNICATION & NAVIGATION EQUIPMENT

### GMDSS:

VHF DSC 1	: JRC – JHS 32B
VHF DSC 2	: JRC- JHS 32B
MF/HF DSC	: JRC-JSB196GM
NM-C 1	: JRC-JUE 85
GMDSS SURVIVAL	: 3 X ACR SR103
RADIO	
SART	: 2 X ACR PATHFINDER3
EPIRB	: McMURDO SMARTFIND E5
NAVTEX	: SAMYUNG SNX-300

### NAVIGATION:

GPS	: JRC-NWZ 4570
AIS	: JRC-JHS 182
GYRO COMPASS 1	: YOKOGAWA CMZ 700B
RADAR 1	: JRC-JMA 5106
RADAR 2	: JRC-JMA 5312-6
ECHO SOUNDER	: JRC-JFE 380
AUTOPILOT	: NAVITRON NT888G

### SATELLITE COMMUNICATION:

VSAT	: SEATEL
FBB	: SAILOR FB150

### SAFETY & SECURITY:

SSAS	: PURPLEFINDER-DMR800
LRIT	: JRC-JUE 85
FIRE ALARM SYSTEM	: MINERVA MARINE
BNWAS	: NAVGARD

### ENTERTAINMENT:

TVRO	: INTELLION i9
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## GENERAL

Year of Build / Place	: 2009/ Malaysia
Official No.	: 10702/N
IMO No.	: 9545194
Flag	: St. Vincent & the Grenadines
Port of Registry	: Kingstown
Call Sign	: J8B4229
Classification	: B.V. I + Hull * Mach. Anchor Handling Tug Supply Vessel Special Service for Unrestricted Navigation
GRT/NRT	: 1405 / 421

## DIMENSIONS

Length O.A.	: 60.00 m
Length B.P.P	: 54.40 m
Beam Moulded	: 13.80 m
Depth Moulded	: 5.50 m
Summer Draft	: 4.50 m
Lightship	: 1252.25 MT
Deadweight	: 1281.26 MT
Displacement (max)	: 2532.64 MT

## MACHINERY

Main Engine	: 2 x Mitsubishi S12U-MPTK
Horse Power	: 6000 BHP@1100 rpm
Propellers	: 2 x FPP with kort nozzle
Generators	: 3 x CAT 3406, 245 kW, 415/3/50 Hz.
Emergency Generator	: 1 x CAT GEP 110, 80 kW 415/3/50 Hz.
Bow Thruster	: 1 Schottel STT 330 LK, 6T thrust, 445 kW @ 1800 rpm

## CAPACITIES & DISCHARGE RATES

Clear Deck Area	: 350 m2
Deck Strength	: 6T/m2
Fuel Oil	: 402.35 m3 / 100 m3/hr @ 70m
Potable Water	: 412.53 m3 / 80 m3/hr @ 60 m
Drill Water / Ballast	: 206.01 m3 / 80 m3/hr @ 70 m
Dry Bulk	: 113.00 m3
Mud	: 316.00 m3
Foam	: 9.46 m3
Dispersant	: 13.90 m3
Freezer / Chiller	: 8.0 m3 each

## OTHERS

Sewage Treatment Plant	: 42 men capacity
FRC	: 1 x Fassmer, 15 persons RHP 30/2.8

## PERFORMANCE

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

Life Saving Appliances available onboard as per SOLAS, Class and Flag Requirements.

Details believed to be correct but not guaranteed