

# MV ZAKHER SUPPLIER



60 M 5000 BHP ANCHOR HANDLING SUPPLY VESSEL (FIFI 1)

## 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 F/Deck - 2x1p, 2x2p, 2x4p

## DECK MACHINERY

Windlass	: 1 x electro hydraulic windlass 8.3 tonnes at 12m/min
Anchors	: 2 x stockless anchor, each 1440 kg
Anchor Chain	: 440 m x 40 mm Grade 2 steel stud link chain
Capstans	: 2 x 7.5 tonnes @ 10 m/min
Tugger Winch	: 2 x 10 tonnes @ 15 m/min
Crane	: Electro hydraulic operated offshore telescopic pedestal crane, 2 tonnes @ 8.5 m

## TOWING & ANCHOR HANDLING EQUIPMENT

Bollard Pull	: 63 tonnes
AH/Towing Winch	: 1 Hydraulic DD, 100 tonnes pull, SWL 150 tonnes break holding power
Stern Roller	: 3.5 m x 1.5 m, (SWL 200 mt)
Shark Jaws	: 1 Hydraulic SWL 200 tonnes
Towing Pins	: 2 x Hydraulic

## COMMUNICATION & NAVIGATION EQUIPMENT

<b>GMDSS:</b>	
VHF DSC 1	: SAILOR RT-6222
VHF DSC 2	: JRC- JHS 32B
MF/HF DSC	: JRC-JSB196GM
INM-C	: JRC-JUE 85
GMDSS SURVIVAL RADIO	: 3 x ACR SR103
SART	: 2 x ACR PATHFINDER3
EPIRB	: GME MT403FF
NAVTEX	: JRS NCR333

## NAVIGATION:

GPS	: JRC-NWZ 4570 & FURUNOGP 32
AIS	: JRC-JHS 182
GYRO COMPASS 1	: YOKOGAWA CMZ 700B
RADAR 1	: JRC-JMA 5310
RADAR 2	: JRC-JMA 5312-6
ECHO SOUNDER	: JRC-JFE 380
AUTOPILOT	: NAVITRON NT888G

## SAFETY & SECURITY:

SSAS	: PURPLEFINDER-DMR800
LRIT	: JRC-JUE 85
FIRE ALARM SYSTEM	: MINERVA MARINE T1008
BNWAS	: NAVGARD
ECDIS	: TRANSAS NAVISAILOR 4000

## ENTERTAINMENT:

TVRO	: INTELLION i6p
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## GENERAL

Year of Build / Place	: 2009/ Malaysia
Official No.	: BN 6005
IMO No.	: 9545247
Flag	: Bahrain
Port of Registry	: Bahrain
Call Sign	: A9IU
Classification	: B.V. I + Hull * Mach (Supply Vessel) Anchor Handlingfor Unrestricted
GRT/NRT	Navigation : 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
Draft (max)	: 4.48 m
Lightship	: 1256.78 MT
Displacement (max)	: 2519.02 MT
Deadweight	: 1262.24 MT

## MACHINERY

Main Engine	: 2 x Niigata 6MG 28 HX
Horse Power	: 5000 BHP @ 750 rpm c/w FPP Gearbox
Propellers	: 2 x FPP with nozzle
Generators	: 3 x CAT 3406, 245 kw, 415/3/50 Hz.
Emergency Generator	: 1 x 80 KW, 415/3/50 Hz.
Bow Thruster	: 1 x Schottel STT 330 LK 6 tons thrust CAT 3412 600 HP

## CAPACITIES & DISCHARGE RATES

Clear Deck Area	: 300 m2
Deck Strength	: 6 tons/m2
Fuel Oil	: 418.24 m3 / 100 m3/hr @ 70m
Potable Water	: 413.71 m3 / 80 m3/hr @ 60 m
Drill Water / Ballast	: 206.00 m3 / 80 m3/hr @ 60 m
Dry Bulk	: 113.00 m3 , 4 tanks
Mud	: 316.50 m3
Foam	: 9.46 m3
Dispersant	: 9.40 m3
Freezer / Chiller	: 8.50 m3 each

## OTHERS

Sewage Treatment Plant	: 42 men capacity
Rescue Boat	: Semi-rigid Inflatable, 6 Persons

## EXTERNAL FIRE-FIGHTING

Fire Pump	: 1 x 1200 m3/hr driven by CAT 3412c 720 HP @ 1800 rpm, 1x 1700 m3/hr
Fire Monitor	: 2 x 1200 m3/hr
Emergency Fire Pump	: 1 x 25 m3/hr @ 30 m, Desmi S80-70-220/A09
Spray Booms	: 2 x 6 m