



## M/V Mutawa -10 Work Boat/Supply Vessel

### Principal Particulars

Call Sign	A6E3050
Year Built	2005
Place Built	Lingshan Shipyard
Classification	Germanischer Lloyd
Flag	U.A.E.
Port of Registry	Abu Dhabi
GRT / NRT / DWT	499 T / 149 T / 660 T
Light Displacement	618.31 T
Operational Displacement	846 T
Max. Displacement	1180 T
Speed	12 knots

### Dimensions

Length	45.00 m
Breadth	11.00 m
Depth	4.00 m
Max. Draft	3.20 m
Operational Draft	2.80 m

### Deck and Cargo Capacity

Clear Deck Space	180 m <sup>2</sup>
Deck Cargo (Max.)	200T
Fuel Oil	275 m <sup>3</sup>
Potable Water	150 m <sup>3</sup>
Foam	14 m <sup>3</sup>
Dispersant	14 m <sup>3</sup>

### Communication Equipment

GMDSS	A1+A2+A3 JRC
Inmarsat C	1 x JUE 75C
VHF	2 x JHS-32B
SSB	1 x JRC
EPIRB	1 x ACR RLB-32
SART	2 x ACR-Pathfinder
PA System	1 x Phontec
Intercom	1 x Phontec
Walkie Talkie	3 x Icom GM-1500GMDSS
Fax/Internet, Mob. Phone	1

### Nautical Equipment

Radars	2 x JMA
Auto Pilot	1 X TMQ
Gyro Compass	1 x AP9 C/W analog repeater
Echo Sounder	1 x Furuno FF-50
Magnetic Compass	1 x Saura
Navtex Receiver	1 x NCR-330
GPS	1 x JANV-500
DGPS	1 x KGP-913
AIS	1 x JRC JHS-182
SSAS	1 x Furuno
LRIT	1 x Skywave DMR-800
Dupplar Speed Log	1 x EML – 500HV1
Anometer	1 x Navman w-3150
Search Light	3 x 1000W Francis

### Machinery

Main Engines	2 x 1500 BHP
Make	Caterpillar 3512B, 1600 RPM
Auxiliary Engines	2 x 280 KW, Caterpillar. 3408C, 415V, 3 Ph, 50 Hz
Propellers	2 x Kort Propeller, FPP type 4 Blade
Bow thruster	5 T, Electrical
Oil Water Separator	0.5 m <sup>3</sup> /Hr
Oil Dispersant System	C/W 2 x fixed off center throw nozzle 410L/min @4 bar 1 x adjustable balance proportioner (ratio 1-6%)

### Pumps

Cargo Fuel Pump	50 m <sup>3</sup> / Hr. @ 50 m head
Fresh Water Pump	50 m <sup>3</sup> / Hr. @ 50 m Head
Fire Pump	25 m <sup>3</sup> / Hr. @ 30 m head
Bilge Ballast Pump	35 m <sup>3</sup> / Hr. @ 35 m head
Dispersant Pump	1.5 m <sup>3</sup> / Hr.

### Accommodation (Fully Air-conditioned)

2 x 1 Man	1 Mess room
1 x 2 Men	1 Recreation room
6 x 4 Men	

### (Total for 28 Persons)

Sewage Treatment for 34 Personnel

### Safety & Firefighting Equipment

(to Classification and SOLAS Standards)	
FIFI Pump	1200 m <sup>3</sup> / hr @ 13 Bar
Emergency Fire Pump	25 m <sup>3</sup> / Hr. @30 M head
Fire Monitor	2 X 600 m <sup>3</sup> / Hr. @110 m head
Fire Extinguishers	as per Class Requirements
Life Rafts	4 x 25 Man + 2 x 20 Man
Rescue Boat	1 x Inflatable/40 HP outboard

### Fixed Fire / Detection System

### Deck Equipment

1 x 5 Ton Hydraulic Tugger Winch
1 Hydraulic Anchor Windlass & Mooring Winch
2 x 5 ton Capstans
2 x 495 kg. Stockless Bower Anchors each with 179 M x 28 mm meters anchor chain

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