

M.V. Mutawa - 12

Work Boat / Diving Support/4 Point Mooring/Special Purpose Vessel



Principal Particulars

Call Sign	A6E 2762
Year Built	2010
Place Built	Lingshan Shipyard
Classification	Germanischer Lloyd
Flag	U.A.E.
Port of Registry	Abu Dhabi
GRT / NRT / DWT	1060 T / 318 T / 957 T
Light Displacement	995 T
Operational Displacement	1150 T
Max. Displacement	1816 T
Speed	12 knots

Dimensions

Length	53.80 m
Breadth	13.80 m
Depth	4.50 m
Max. Draft	3.60 m
Operational Draft	2.54 m

Deck and Cargo Capacity

Clear Deck Space	350 m ²
Deck Cargo (Max.)	260 T
Fuel Oil	340 m ³
Potable Water	455 m ³
Foam	10 m ³
Dispersant	8 m ³

Communication Equipment

GMDSS	A1+A2+A3 JRC
Inmarsat C	1 x JRC
VHF	2 x JRC
SSB	1 x JRC
EPIRB	1 x JRC
SART	2 x JRC
PA System	1x Phontec
Intercom	1 x Phontec
Walkie Talkie	3 x Icom GM-1500GMDSS
Fax/Internet	1
Mob. Phone	1

Nautical Equipment

Radars	2 x JRC
Auto Pilot	CAMNAV
Gyro Compass	YOKOGAWA
Echo Sounder	1 x JRC
Magnetic Compass	1 x Saura
Navtex Receiver	1 x JRC
GPS	1 x JRC
DGPS	1 x JRC
AIS	1 x JRC
SSAS	1 x JRC
LRIT	1 x Polestar
Dupplar Speed Log	1 x EML – 500HV1

Anometer	1 x Navman w-3150
Search Light	2 x 1000W (Explosion Proof)

Machinery

Main Engines	2 x 1750 BHP @1600 rpm
Make	Caterpillar, Model: 3512B-HP B rating
Auxiliary Engines	3 x Caterpillar 3406C, 245 kw, . 415V, 3 Ph, 50 Hz, 24VDC Elec. start
Propellers	2 x manganese bronze, CPP type 4 Blade
Bow thruster	5 T, Electrical, HRP tunnel type
Oil Water Separator	1 m ³ /hr x 2 kg/cm ² head
Oil Dispersant System	C/W 2 x fixed off center throw nozzle 410L/min @4 bar 1 x adjustable balance proportioner (ratio 1-6%)
Industrial Compressor	1 x 250 CFM @@ 8.2 bar

Pumps

Cargo Fuel Pump	100 m ³ / Hr. @ 60 m head,
Fresh Water Pump	100 m ³ / Hr. @ 60 m Head, 415/3/50
Fire Pump	40 m ³ / Hr. @ 45 m head, 415/3/50
Bilge Ballast Pump	40 m ³ / Hr. @ 45 m head, 415/3/50
Dispersant Pump	1.5 m ³ / Hr.

Accommodation (Fully Air-conditioned)

2 x 1 Man	= 2
3 x 2 Man	= 6
8 x 4 Man	= 32

(Total for 40 Persons)

Sewage Treatment for 40 persons

Safety & Firefighting Equipment

(to Classification and SOLAS Standards)

FIFI Pump	1200m ³ / hr @ 11 Bar
Emergency Fire Pump	25m ³ / Hr. @30 m head
Fire Monitor	2 X 600 m ³ / Hr. @ 10 bar
Fire Extinguishers	as per Class Requirements
Life Rafts	6 x 25 Man
Rescue Boat	1 x 40 HP Outboard Motor

Fixed Fire / Detection System

Fixed H₂S detection

Deck Equipment

1 x 45 Ton Crane	@ 10 ft, Boom length to 120 ft
2 x 10 Ton Hydraulic Tugger	Winch @ 15m/min.
1 5 Ton Hydraulic Anchor	Windlass @ 10m/min
2 x 5 ton Captains,	Electrical-Hydraulic Motor type
2 x 968 kg. Anchors	each, ABS certification with - 330 m x 32 mm Anchor Chain
4 point Mooring System	

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