

M.V. Mutawa-106

Anchor Handling Tug / Supply Vessel



Principal Particulars

Call Sign	A6E2269
Year Built	2015
Place Built	Guangzhou Shunhai Shipyards LTD
Classification	Bureau Veritas (BV)
Flag	U.A.E.
Port of Registry	Abu Dhabi
GRT / NRT / DWT	Approx. 875 T / 262 T / 609 T
Light Displacement	1018.9 T
Operational Displacement	1126.6 T
Max. Displacement	1680.7 T
Speed	13.0 knots
Bollard Pull	76 Ton @ 100% MCR

Dimensions

Length	48.00 m
Breadth	13.20 m
Depth	5.00 m
Operational Draft	3.15 m
Max Draft	4.20 m

Deck and Cargo Capacity

Clear Deck Space	210 m ²
Deck Cargo (Max.)	260 T
Fuel Oil	433 m ³
Potable Water	323 m ³
Foam	21 m ³
Dispersant	25 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	1 x Phontec
Intercom	1 x Phontec
Walkie Talkie	3 x Icom GM-1500GMDSS
Fax / Internet	1
Mobile Phone	1

Nautical Equipment

Radar	1 x JMA-5312-6, APRA
Radar	1 x JMA-2353
Auto Pilot	1 x TMQ
Gyro Compass	1 x JRC
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 JRC

Dupplar Speed Log	1 x EML – 500HV1
Anometer	1 x Navman w-3150
Search Light	2 x 2000W (Explosion Proof)

Machinery

Main Engines	2 x 3000 BHP @1800 rpm
Make	Caterpillar, Model: 3516C
Auxiliary Engines	3 x Caterpillar C18, 450 kw, . 415V, 3 Ph, 50 Hz, 24VDC Elec. Start
Emergency Genset	50kw, AC415/50Hz/3
Propellers	2 x manganese bronze, CPP type 4 Blade Model: BCP 760 HDX 400
Bow thruster	(600 BHP) 6 T, Electrical, HRP tunnel type
Oil Water Separator	1 m ³ /hr, 15 ppm. Discharge alarm monitor
Oil Dispersant System	2 x throw nozzles at bow

Pumps

Cargo Fuel Pump	80 m ³ / Hr. @ 70 M head,
Fresh Water Pump	80 m ³ / Hr. @ 70 M Head, 415/3/50
Fire Pump	50 m ³ / Hr. @ 50 M head, 415/3/50
Bilge Ballast Pump	50 m ³ / Hr. @ 50 M head, 415/3/50
Emergency Fire	35 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
7 x 2 Man	= 14
3 x 4 Man	= 12

(Total for 28 Persons)

Sewage Treatment for 30 persons

Safety & Firefighting Equipment

(to Classification and SOLAS Standards)

FIFI Pump	2 x 1450 m ³ / hr @ 14 Bar
Emergency Fire Pump	25 m ³ / Hr. @30 M head
Fire Monitor	2 X 1200 m ³ / Hr. @ 12 bar
Fire Extinguishers	as per Class Requirements
Life Rafts	4 x 30 persons
Rescue Boat	1 x FRC, A-Frame launching, 230 HP Water jet engine, 9 persons.

Fixed Fire / Detection System

Fixed H₂S detection

Deck Equipment

1 x 5 Tons Crane	@ 15 m boom
1 x Anchor Handling Winch	150 Tons S.W.L. Double Drum
2 x 10 Ton Hydraulic Tugger Winch	@ 15m/min.
1 x 5 Ton Hydraulic Anchor Windlass	@ 12m/min
2 x 5 Ton Capstans	Electrical-Hydraulic Motor type
Towing Pin and Jaw	200 tons SWL, Elec.-Hyd. type.
2 x 855 kg. Anchors	each, ABS certification, 9 shackles lenth
1 x Stern Roller	1.45m dia. and 3.5m long with 150 tons S.W.L

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