

M.V. Mutawa - 302 (Supply/Fi-Fi 1/ DP 1 Vessel)



Principal Particulars

| | |
|--------------------------|-----------------------|
| Call Sign | A6E2427 |
| IMO | 9662241 |
| Year Built | 2011 |
| Place Built | Lingshan Shipyard |
| Classification | Bureau Veritas |
| Flag | U.A.E. |
| Port of Registry | Abu Dhabi |
| GRT / NRT / DWT | 1390 T / 417 / 1200 T |
| Light Displacement | 1418 T |
| Operational Displacement | 1580 T |
| Max. Displacement | 2594 T |
| Speed | 12.0 knots |

Dimensions

| | |
|-------------------|---------|
| Length | 58.60 m |
| Breadth | 14.20 m |
| Depth | 5.50 m |
| Operational Draft | 3.15 m |
| Max Draft | 4.50 m |

Deck and Cargo Capacity

| | |
|--------------------------|----------------------|
| Clear Deck Space | 368 m ² |
| Deck Cargo (Max.) | 600 T |
| Fuel Oil | 600 m ³ |
| Potable Water | 600 m ³ |
| Drill/ Sea water Ballast | 100 m ³ |
| Mud | 120 m ³ |
| Brine | 80 m ³ |
| Dry Bulk Cement | 212.4 m ³ |
| Foam | 7.6 m ³ |
| Dispersant | 7.6 m ³ |

Communication Equipment

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

Nautical Equipment

| | |
|------------------|--------------|
| Radars | 2 x Furuno |
| Auto Pilot | 1 X CAMNAV |
| Gyro Compass | 1 x YOKOGAWA |
| Echo Sounder | 1 x Furuno |
| Magnetic Compass | 1 x Saura |
| Navtex Receiver | 1 x Furuno |
| GPS | 1 x Furuno |
| DGPS | 1 x Furuno |
| AIS | 1 x Furuno |

| | |
|-------------------|-----------------------------|
| SSAS | 1 x Furuno |
| LRIT | 1 x Furuno |
| Dopplar Speed Log | 1 x EML – 500HV1 |
| Anometer | 1 x Navman w-3150 |
| Search Light | 2 x 1000W (Explosion Proof) |

Machinery

| | |
|-----------------------|--|
| Main Engines | 2 x 2175 BHP @1000 rpm |
| Make | Wartsila 6L26, |
| Auxiliary Engines | 3 x Caterpillar C18, 350 kw, . |
| | 415V, 3 Ph, 50 Hz, 24VDC Elec. start |
| Propellers | 2 x manganese bronze, CPP type 4 Blade |
| Bow / Stern thruster | 7 T, Electrical, DP interface, tunnel type |
| Oil Water Separator | 0.5m ³ / H Less 15 PPM |
| 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 | 100 m ³ / Hr. @ 75 M head, |
| Fresh Water Pump | 100 m ³ / Hr. @ 75 M Head, 415/3/50 |
| Fire Pump | 60 m ³ / Hr. @ 50 M head, 415/3/50 |
| Bilge Ballast Pump | 60 m ³ / Hr. @ 50 M head, 415/3/50 |
| Dispersant Pump | 1.5 m ³ / Hr. |

Accommodation (Fully Air-conditioned)

| | |
|-----------------|------|
| 5 x 1 Man cabin | = 5 |
| 5 x 2 Men cabin | = 10 |
| 5 x 4 Men cabin | = 20 |
| 1 x Office | |

(Total for 35 Persons)

Sewage Treatment for 35 persons

Safety & Fire fighting Equipment

(to Classification and SOLAS Standards)

| | |
|--|---|
| Fi-Fi 1, Pump | 2 x 1450 m ³ , 140 MLC/ hr @ 14 Bar |
| Emergency Fire Pump | 25 m ³ / Hr. @30 M head |
| Fire Monitor | 2 X 1200 m ³ / Hr. @ 11 bar |
| Fire Extinguishers as per Class Requirements | |
| Life Rafts | 4 x 20 Man |
| Rescue Boat | 1 x FRC. A-Frame launching, inboard diesel engine, IMO approved |

Fixed Fire / Detection System

Fixed H₂S detection

Deck Equipment

| |
|---|
| 1 x 65 Ton Hammerhead Crane @ 6 m radius |
| 1 x 15 Ton Crane @ 3 m radius, 16.2 m Boom @ 2 Tons |
| 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 |
| 2 x 1080 kg. Anchors each, ABS certification with |
| 275 m x 36 mm anchor chain |

Owner: **Mutawa Marine Works L.L.C., P.O. Box 35440, Abu Dhabi - U.A.E. Tel: +971 2 5552800**