



## Hadi H. Al-Hammam Est.

Marine Services

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### M/V Hadi VIII 1400 BHP Utility/Work Vessel

#### BUILT

Year 1999

Master Boat Builders Inc., Bayou La Batre, Alabama, USA

#### PRESENT LOCATION

Saudi Arabia

#### CLASSIFICATION

ABS + A1 Supply Vessel + AMS

#### FLAG

Bahrain

Registration No. : BN 3033

#### DIMENSIONS

Length, overall : 36.58 Meter (120 Feet)  
Beam, moulded : 9.14 Meter (30 Feet)  
Depth, moulded : 2.35 Meter (11 Feet, 6 Inch)  
Max, Draft : 2.97 Meter (9 Feet, 9 Inch)  
Light Draft : 2.28 Meter (7 Feet, 6 Inch)  
GRT : 355 Tons  
NRT : 106 Tons

#### MACHINERY

Main Engine : 2 x CAT 3412 TA, total 1400 BHP at 1800 rpm, driving fixed pitch open propellers  
Reduction Gears : 2 X Reintjes WAF 363L  
Bow Thruster : Schotted STT110 250 H.P driven by CAT 3116  
Generators : 2 x 99 kw, 480 V, 60 Hz. alternators driven by CAT 3304 T diesel engines  
Main Hydraulics : 2 x Vickers 40 H.P / 200 PSI / 50 GPM with four service outlets.  
Sewage Treatment Unit : Red Fox RF 200  
Oily Water Separaror : Bilge Boy 96504-A

#### SPEED AND CONSUMPTION

Speed at 100% MCR : 12.0 Knots  
Speed at 85% MCR : 11.0 Knots  
Consumption about 6 Tonnes/Day at maximum output. About 5 Tonnes/Day at economical MCR.

#### EXTERNAL FIRE-FIGHTING

1200 per GPM system to Elkhart monitor pump driven by CAT 3116 bow thruster engine.

#### CAPACITIES

Deck Cargo : 122 LT.  
Clear Deck Space : 55' x 22' (1280 Sq.Ft.)  
Deck Loading : 2.9 Tonnes per M2  
Fuel Oil : 40,741 USG (131.13 MT)  
Fresh Water : 55,890 USG  
Refrigerated Storage : Cooler 250 Cu. Ft., Freezer 250 Cu. Ft.

#### ACCOMMODATION

: 1 x 4 Berth  
: 8 x 2 Berth  
Total : 20 Berths Fully air conditioned.

#### LAUNDRY

Laundry facilities with two automatic Washing Machines and two Tumble Dryers.

#### ELECTRONICS

Radars, Main : Furuno 1942  
Magnetic Compass : Ritchie B-453  
Echo Sounder : DAT 3000 I Repeater  
GPS : Raytheon GPS/Plotter Ray 298  
Gyro Compass : Sperry SR-140 \* 2 x Repeaters  
Auto Area 2 : Sea 330 GMOSS SSB  
Navtex RX : NCR 300A  
SSB Radio : SCM 330  
VHF Radio : 2 x SEA 7156 GMDSS  
Water Receiver : Seawatch 700LG-SAILOR  
Doppler Speed Log : JRC-203  
Epirbs : JRC-3A-JQE  
Sart : JRC-30A-JQX

#### DECK MACHINERY

Anchor Windless : Unitech - UHN - 25 - 2G  
Anchors : 2 x 1300 LB Stockless W/10 shots of 1" Stid Link Chain ea.

#### CRANE

EBI Hydraulic Crane on Main Deck AFT Port Side -10 Ton TC-20-33-60

#### CALL SIGN

A9D2699

#### MISCELLANEOUS

Wooden sheathed main deck. Vessel maneuvering station on aft end of bridge house. Vessel fully fendered. Meets Solas requirements. 2 x 20 Man Life Raft.