



## Hadi H. Al-Hammam Est.

Marine Services

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

### BUILT

Year 1998

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

### PRESENT LOCATION

Saudi Arabia

### CLASSIFICATION

ABS + A1 Supply Vessel + AMS

### FLAG

Bahrain

Registration No. : BN 2080

### 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 : 353 Tons  
 NRT : 105 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 360  
 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 1932  
 Magnetic Compass : Ritchie  
 Echo Sounder : DAT 3000  
 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 : TRC  
 Epirbs : Alden AD6  
 Sart : Lokata 9-1M

### DECK MACHINERY

Anchor Windless : McELROY MDW-100-TH  
 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

A9D2668

### 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.