



Hadi H. Al-Hammam Est.

Marine Services

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M/V Hadi IV 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 2077

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

A9D2665

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.