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Marine Services

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M/V HADI XI

5,500 BHP Anchor Handling Tug Supply / Safety Standby Vessel

Principal Particulars

Built	: 2002
Builder	: Keppel Singmarine Dockyards
GRT / NRT	: 1592 / 477
Class	: ABS - A1(E)+Towing/FiFi Class 1+AMS
Flag	: Bahraini
Registration Number	: BN 3047
Call Sign	: A 9 G L
Length (Overall)	: 60.00 Meter
Breadth Moulded	: 16.00 Meter
Depth Moulded	: 5.50 Meter
Draft Moulded (Design)	: 4.20 Meter
Draft (Scantling)	: 4.60 Meter

Performance

Maximum Speed	: 13 Knots
Economical Speed	: 11 Knots

Cargo Capacities

Deadweight	: 1787 Tonnes.
Deck Cargo	: 500 M Tonnes
Deck Strength	: 7.5 Tons / Sq.Mtr.
Clear Deck Area	: 360 Sq. Mtr.
Fuel Oil	: 508 Cu. Mtr.
Fresh Water	: 280 Cu. Mtr.
Drill/Ballast Water	: 778 Cu. Mtr.
Liquid Mud	: 206 Cu. Mtr.
Bulk Cement	: 150 Cu. Mtr. (In 4 Tanks)
Lube Oil	: 10 Cu. Mtr.
Freezer	: 10 Cu. Mtr.
Cooler	: 10 Cu. Mtr.
Foam	: 10 Cu. Mtr.
Bilge Holding Tank	: 10 Cu. Mtr.
Sewage Holding Tank	: 5 Cu. Mtr.
Dirty Bilge Tank	: 10 Cu. Mtr.

Discharge Rates

Fuel Oil	: 100 Cu.Mtr/Hr @60m/head
Fresh Water	: 100 Cu.Mtr/Hr @60m/head
Drill Water	: 100 Cu.Mtr/Hr @60m/head
Liquid Mud	: 2 x 60 Cu. Mtr/Hr @75m/head.
Bulk Cement	: 800 psi Working Pressure

Propulsion System

Main Engines	: 2 x 2750 BHP Deutz SBV9M628
Auxillary Generators	: 2 x 350 kW, 440V / 3PH / 60Hz.
Emergency Generator	: 1 x 90 kW, 440V / 3PH / 60Hz.
Shaft Generator	: 1 x 450 kW, 440V / 3 PH / 60 Hz.
Bow Thruster	: 1 x 600 BHP CPP at 8 Ton Thrust.
Propellers	: 2 x Four Bladed CPP
Anchors	: 2 x 1590 Kg.

Towing / Anchor Handling Equipment

Bollard Pull	: 72 Tonnes.
Towing /Anchor	: Zicom
Handling Winch	: Waterfall Winch
Upper Drum	: 1000 M (L) x 52mm (D)
Lower Drum	: 1000 M (L) x 52mm (D)
Static Pull	: 150 Tonnes
Line Pull	: 150 Tonnes at 0-2.5 M / Min.
Break Capacity	: 200 Tonnes.

Deck Equipment

Tugger Winch	: 2 x 10 MT @ 10M / Min.
Rope Reel	: Spare installed.
Stern Roller	: 3.5 m (L) x 1.5 m (D)
Shark Jaw	: 300 MT SWL - Hyd. Retractable.
Tow Pins	: 2 x 200 MT Vertical Hyd. Tow Pins

Accommodation

4 x 1 Berth Cabins
5 x 2 Berth Cabins
3 x 4 Berth Cabins
Total 26 Men, Fully air-conditioned.

Fire Fighting Equipment (External)

Fire Pump	: 2 x 1500 Cu.Mtr/Hr @ 14 bar
Fire Monitor	: 2 x 1200 Cu.Mtr/Hr @ 12 bar 120m throw length
Emergency Fire Pump	: 1 x 35 Cu.Mtr/Hr, @60m/head

Radio & Navigation Equipment

SSB	: 1 Set.
VHF	: 2 Units.
Radar	: 2 Units
Echo Sounder	: 1 Unit
Gyro Compass	: 1 Unit
GMDSS	: Area 3
Magnetic Compass	: 1 Unit
Speed Log	: 1 Unit
Auto Pilot	: 1 Unit
Navtex Receiver	: 1 Unit
DGPS Navigator	: 1 Unit
Watch Keeping Receiver	: 1 Unit
SART	: 2 Units
EPIRB	: 1 Unit
Inmarsat	: 'B' & 'C'

Joy Stick Control.

26 Men Sewage Treatment Plant.

15 Men (9+6) Fast Rescue Craft

3 Ton Foldable Knuckle Boom Crane.

Helicopter Hosting Area

Fully Equipped Survivor Treatment Area with two berths.

** Particulars believed to be correct but not guaranteed. Owners reserved the right to amend the specifications without notification. **