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Marine Services

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M/V HADI XII

6,600 BHP Anchor Handling Tug Supply / Safety Standby Vessel

Built:

1983 Maritima Del Musel S.A, Gijon, Spain
2002 Major Modifications / Outfitting / Upgrade in Dubai

Registry

Bahrain
Official 3044

Classification:

Germanischer Lloyd 33703
(100 AS E Supply Vessel Tug: +MC E AUT)
IMO No 8107713

Call Sign:

A 9 G K

Dimensions:

LOA 61.50 M
Length, [Article 2 (8)] 54.18 M
LBP 53.90 M
Breadth, molded 12.10 M
Depth, moulded 5.70 M
Draft, moulded 4.65 M
Gross Registered Tonnage 1264 MT
Net Registered Tonnage 380 MT
Dead Weight 1089 MT

Machinery:

Main Engines 2 Deutz SBV 6M 540 Barriers
2x3300 HP (6600 BHP) 650 RPM
Auxiliary Engines 2x750 HP 1500 RPM
1x258 HP 1500 RPM
Bow Thruster Conave Helices TV90, 500 BHP
6 M.Tonnes Continuous Thrust
Generators 2x625 KVA 380 V. 50 Hz.
Auxiliary Generators 1x250 KVA 380 V. 50 Hz.

Air Compressor Hatlapa W45
Oil Purifier Alfa Laval Type MAB 2045-20

Speed and Consumption:

Speed at 100% MCR 12 knots
Speed at 85% MCR
Consumption at service speed
Consumption under normal service conditions
Type of Fuel

Towing and Anchor Handling:

Bollard Pull 90 Ton
Winch Double drum waterfall hydraulic
Line Pull 75 Ton, (1) 20m/min (2) 4m/min
Drum capacity 2x1300 x 52 MM. Diam
Brake capacity 150 M/Tonnes
2 Hydraulic Engines 2x5 Tonnes
2 Hydraulic Capstans 2x3 Tonnes
Alter Cylinder 3Mx2M Diam
Shark Jaw Triplex Type H-350
SWL 200 T

Miscellaneous:

Sewage Treatment Plant Type: DVZ-SKA-20
Bilge Oil Water Separator Turbulo Tipo TEF-1-S

Capacities:

Deck cargo 5 Tonnes/M2
Clear deck space 328 (29.89 x 11 m)
Deck loading 300 MT
Fuel oil 431 Cu.Mtr
Drill/ballast water 471 Cu.Mtr
Cargo potable water 156 Cu.Mtr
Cement/Bulk materials 152 Cu.Mtr (4 Tanks)
Dispersant/Foam 14 Cu.Mtr
Mud Tanks 100 Cu.Mtr
Walk-in Freezer Fitted.
Dry Store Adequate

Pumping:

Fuel 1x110 M3/Hr., 1x15 M3/Hr.
Water 1x110 M3/Hr., 1x150 M3/Hr.
Standby pump 1x80 M3/H
Bulk materials 1x40 M3/H

External Firefighting:

2x1200 Cu.Mtr/Hr x 120m head (1800 RPM)
Fire Pump Diesel Engine (MTU 12V396)
2x Monitors EL380 on wheelhouse top

General Alarm:

Gas/H2S Drager, Germany
Halon Halon 1301
Fire Alarm

Anchor and mooring:

Anchors 2x1443 kg
Cables 2x330 mtr
Tugger winch 2x10 ton
Capstans 2x5 ton

Accommodation:

1x4 person 4 Crew
4x2 persons 8 Crew
3x4 persons 12 Passenger
Total 24

Navigation / Communication Equipment:

Radars 2 - Furuno FR-1525DA & 1832 Radome
Auto Plotter 1 - Furuno ARP-10-2 for Radar M1832
GPS 2 - Furuno GP-31 & Philips MK8 Navigator
Echo sounder 1 - HRM Electronica Delta A705-5G
2 - Koden CVS-108 ES & 1 - Transducer
Auto Pilot 1 - C-Plath 2595
Magnetic Compass 1 - Unilux Hansa (Perescope)
Gyro Compass 1 - C-Plath Navigat III
Digital Converter for Gyro 1 - Furuno Analog AD100
Gyro Repeater 2 - Anchutz 50 VAC
VHF Marine Radio 2 - Crame MC-7000 & 1 - Furuno FM-8500
VHF Portable Radio 3 - Skanti VHF 9110 & 2 - ICOM F30 IS
Aviation Radio 1 - Sait IC A3E Handheld
Base Radio - Rig Move 1 - ICOM IC F1010
Auto Direction Finder 1 - Taiyo Musen TD-L1620A
GMDSS Area 3
Navtex Receiver 1 - ICS Electronics Ltd NAV-5
Inmarsat-M 1 - Nera Satcom As, World Phone
Computer 1 - Pentium III - 933 Mhz., 15" Monitor
with Epson Printer
Sart 2 - Jotron 9 Ghz FB-3
EPIRB 1 - Jorton Tron 3

Life Saving Equipment:

FRC Seabear 23 MK IL, 10 Men
Life Rafts 2x15 men - CSM China
2x25 men - RFD-USA