



MISR GULF XIV

Specifications

4,800 BHP Anchor Handling Tug Supply Vessel



Photo dated 28/01/2009

GENERAL

Year Built: October 1983
Builder: Maroil Shipbuilders & Engineers Pte. Ltd., Singapore
IMO Number: 8 3 0 4 9 4 5

DIMENSIONS

Length Overall: 56.4 m
Breadth, moulded: 12.0 m
Depth, moulded: 5.0 m
Draft, summer: 4.416 m
GT/NT: 867 / 260
DWT at assigned draft: 1050 Tons

MACHINERY

Main Engines: 2 x Wartsila 12V22 Diesel Engines each 2400 BHP, Total 4800 BHP
Propellers: 2 x Nakashima Stone Fixed Pitch Propellers dia 2.5 m.
Rudders: 2 x Spade Rudders
Steering Gear: 2 x Wagner Electro Hydraulic Steering Gear System
Bow Thruster: 1 x Ulstein 90 TV CP Tunnel Thruster, 470 BHP Diesel Engine Driven.
Generators: 3 x 150 kW Diesel Generators
Emergency Generator: 1 x 3 kW
Continuous Static Bollard Pull : 43 Tons.
Maximum Bollard Pull : 46 Tons

CAPACITIES

Deck Cargo: 500 tons
Clear Deck Space: 30.0 m x 10.0 m, Total 300 m²
Deck Strength: 5 tons/ m² (7.5 tons/ m² in way of Stern Roller)
Fuel Oil: 325 m³
Drill Water: 573 m³
Potable Water: 213 m³
Ballast Water: 573 m³



Liquid Mud : 160 m3
Dry Bulk: 4 Tanks - Total Capacity 113 m3

PUMPING

Fuel Oil: 90 m3/hr x 60 m head
Drill Water: 90 m3/hr x 60 m head
Ballast Water: 90 m3/hr x 60 m head
Potable Water: 90 m3/hr x 60 m head
Bulk: 2 x 14.0 m3/hr @ 2.8 bar
Liq mud 70 cum/hr @60 m. head

ANCHOR & MOORING

Anchors: 2 x 1140 kgs Stockless Spek Anchors
Cables: 2 x 385 m chain 30 mm dia
Windlass: 7 Tons @ 12.0 m/min
Electric Tugger Winch: 2 x 7 Tons @ 12 m/min
Electro Hydraulic Capstan: 1 x 7 Tons @ 10 m/min

ACCOMMODATION

Officers: 6 x Single berth Cabins
Crew: 2 x Two Berth Cabins + 2 x Triple Berth Cabin
Charterer: 1 x Four Berth Cabin + 1 x Six Berth Cabin
Total: 26 Berths, Fully Air-conditioned

NAVIGATION & COMMUNICATION

Radars: 2 x Radars "X" Band
GPS: 1 GPS
AIS: 1 x JRC AIS
Echo Sounder: 1 x Marconi
Auto Pilot: 1 x Auto Pilot
Gyro Compass: 1 x Anschutz
GMDSS: 1 x Skanti Inmarsat C for Area A1, A2 & A3
Operations
S.S.B.: 1 x SSB
VHF/DSC: 1 x Skanti
VHF: 2 x Sailor
Navtex: 1 x Marconi.
P.A. System, EPIRB's & SART's provided.

FIRE FIGHTING & LIFE SAVING

Fifi 1, 2400 Cu M/ Hr. with 2 Monitors 1200 Cum /Hr. @ 130 mwc. Each .

MISCELLANEOUS

1 x SOLAS approved with 10 HP Outboard Motor; Launched
by a single arm Davit
Oily Water Separator: Installed according to A 393(X)

FUEL CONSUMPTION & SPEED

At 100 % MCR: approx. 14.8 tons/day @ 12.3 knots
At 85 % MCR: approx. 13.0 tons/day @ 11.5 knots
At Economical Speed: approx. 9.0 tons/day @ 10 knots
Type of Fuel: HF HSD (Marine Gas Oil)

Anchor Handling Towing Winch

Smatco (Discovery series) Model 66-DAW-200
Double drum water fall towing /AH winch
Line Pull 120 Ton .
Towing wire 1000 m x 52 mm diam .
Work wire 500 m x 48 mm diam

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