



"AL MUTWAKAL 1"

VESSEL SPECIFICATIONS

MAIN PARTICULARS

Type	: Tug
Year Built	: 1999
Builder	: Dubai Drydocks
Flag	: UAE
Port of Registry	: Dubai
Class Society	: Lloyd's Register
Class Notation	: (+100A1) Tug Firefighting ship 1 (2400m ³ /hr) with water spray, restricted service to Arabian Gulf & gulf of Oman, + LMC
IMO No.	: 9203318
Official No	: Nil
Call Sign	: Nil

DIMENSIONS / RATINGS

GRT	: 316
LOA	: 28.68
Breadth molded	: 10
Depth Molded	: 5
Designed Draft	: 3.85
Bollard Pull (T) / Test date	: 38 T, 02 April 2009

MACHINERY

Main Engines	: Type: 2 x Wartsila 6R25, Power: 1545 KW / 2070 BHP @ 1000 rpm each, 3090 KW / 4140 BHP total.
Auxiliary Engines/Generators	: 2 x VolvoPenta TMD102A 158KW 170KVA
Propulsion	: 2 x Schottel SRP with CPP
Rudder/Propellers	: Schottel SRP 1212 CP R/R
Winch/Windlass	: Rolls Royce, Rauma Brattvaag
Tow Hook	: Mampaey, DCX 50/65, S.W.L 65 T

SPEED & FUEL DATA

Max Speed	: 12.5 Kts
Max Fuel Consumption @ Full load - Main & Aux.	: 378.89 ltrs/hr & 40 ltrs/hr
Observed Average Fuel Consumption. M/E + A/E	: 160 ± 10 ltrs/hr

ACCOMMODATION

Single Berth Cabins	: 1
Double Berth Cabins	: 3

NAVIGATION / RADIO EQUIPMENTS

Digital Compass	: Furuno DC 2000
AIS	: Nil
Auto Pilot / Master Pilot	: Nil / Schottel
Joy Stick	: Nil
Propulsion Control	: Schottel electrical control
GMDSS Area	: A1
VHF	: Sailor, RT 2048 x 2
Portable VHF	: Motorola 6P 340
Echo Sounder	: Furuno, FE 6300
Radar	: Furuno 1832
Magnetic Compass	: Nil
Aneometer	: Nil
GPS	: Garmin- GPS Map 525 / GPS Nav NT 300D
Log	: Nil

SAFETY EQUIPMENTS

Liferafts	: 2 x 10 men
FiFi capability	: 2 x Fire Monitors @ 2400m ³ /hr
Fire Protection capability	: Fire Main + CO2 for Eng. Room + Portable Extinguishers
Water Curtain	: Sprinkling system

TANK CAPACITIES

Fuel Oil (ltrs)	: 103000
Potable Water (ltrs)	: 26000

Particulars are believed to be correct but not guaranteed. Owners reserve the right to amend the specifications without notice.