



## "SHAMAL"

### VESSEL SPECIFICATIONS

#### MAIN PARTICULARS

Type : Tug  
 Year Built : 2004  
 Builder : Dubai Drydocks  
 Flag : UAE  
 Port of Registry : Dubai  
 Class Society : Lloyd's Register  
 Class Notation : (+100A1) Tug Firefighting ship 1  
 (2400m<sup>3</sup>/hr) with water spray, restricted  
 service to Arabian Gulf & gulf of Oman,  
 + LMC

IMO No. : 9319727  
 Official No : Nil  
 Call Sign : Nil

#### DIMENSIONS / RATINGS

GRT : 317  
 LOA : 28.68  
 Breadth molded : 10  
 Depth Molded : 5  
 Designed Draft : 3.85  
 Bollard Pull (T) / Test date : 50 T, 02 April 2009

#### MACHINERY

Main Engines : Type: 2 x Wartsila 9L20, Power: 1600  
 kW / 2144 BHP @ 1000 rpm each,  
 3200 KW / 4288 BHP total.  
 Auxiliary Engines/Generators : 2 x Caterpillar, 3306B 173 KW 181 KVA  
 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. : 379.04 ltrs/hr & 40.6 ltrs/hr  
 Observed Average Fuel  
 Consumption. M/E + A/E : 160 ± 10 ltrs/hr

#### ACCOMMODATION

Single Berth Cabins : 2  
 Double Berth Cabins : 3

#### NAVIGATION / RADIO EQUIPMENTS

Digital Compass : Furuno, PG 1000 RD 30  
 AIS : Nil  
 Auto Pilot / Master Pilot : Nil / Schottel  
 Joy Stick : Nil  
 Propulsion Control : Schottel electrical control  
 GMDSS Area : A1  
 VHF : Sailor, (DSC) RT 4822, RT 2048 - C4900  
 Portable VHF : Motorola 6P 340  
 Echo Sounder : Furuno, FCV 600L  
 Radar : Furuno, M1832  
 Magnetic Compass : Nil  
 Aneometer : Nil  
 GPS : Garmin- GPSMAP 172 C  
 Log : Nil

#### SAFETY EQUIPMENTS

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

#### TANK CAPACITIES

Fuel Oil (ltrs) : 95610  
 Potable Water (ltrs) : 23170

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