



## 7200 BHP TRIPLE SCREW TUG "AL WAFI"

### Dimension

Length Overall	: 46.50 meters
Length C.W.L	: 42.50 meters
Breadth MLD	: 11.25 meters
Depth MLD	: 5.25 meters
Design draft midships	: 4.25 meters

Dead weight	: 519.36 metric tons
G R T	: 651.00 metric tons
N R T	: 195.00 metric tons

### Machinery

<b>Main Engine</b>	: <b>MAK- 6MU 552 AK 5200BHP with controllable pitch propellers</b>
	: <b>Cummins :Model KTA 38MI 1000 HP x 2 with fixed pitch propellers .Port &amp; STBD</b>
Total Horse Power	: <b>7200 BHP</b>
Controllable Pitch Prop.	: DIAM:3400 MM with rudder NZL
Gears	: Reintjes Val 4942 Red.2.52:1
Generators	: 3 x 240 Kw-Yanmar 6MAL-T
	: 1 x 80 KW – Yanmar 5 KDL
Bow thruster	: 4 direction, Omega 360 HP
Stern Thruster	: 500 HP diesel driven

### Capacity

Fuel oil	: 300 metric tons
Fresh water	: 90 metric tons
Refrigerator/Freezer	: Walk-in-cooler 1x350 cub.ft
	: Walk-in-freezer 1x320cub.ft.
Clear Deck area	: 163 Sq. meter

### Navigational Equipment

Magnetic compass	: 1 x John Lilley & Gillie
Gyro compass (Aft)	: Gyro star II
Gyro repeaters (Fwd)	: 1 x Anschutz Kiel
Echo Sounder (2)	: 1 x Simrad ED-161/
	: 1 x Apelco 590
DGPS	: 1 x JRC – JNAV500 DGPS200
GPS	: 1 x Koden-KGP98D
Wind vane system	: 1 x Raytheon ST60 -422012

### Safety/Fire Fighting Equipment

Life Rafts (50 Person)	: 2 x DSB Germany
Life buoys/Life Jackets	: 10 & 24
Fire Extinguisher	: 2 SA/12 Co <sup>2</sup> Fixed/ 8 Gal Foam
Fire Pump FIFI	: 1 x 400 m <sup>3</sup> /hr @ 9 bar-100 M h-
Fire monitor	: 2 x Alco-372WS 100 EF
Foam capacity	: 10 cub. meter
Outside spray system	: 6 meter boom each side
	: Zodiac Rubber boat- with Yamaha
Rescue Boat	: 40 BHP

### Registration

Year Built	: 1983
Builder	: Damen Shipyard
Port/No.of Registry	: Dubai-UAE/3936
Call sign	: A6E 3077
Class	: Bureau Veritas
Official No	: 5372
IMO No	: 8112251
Owners	: Mubarak Marine (L.L.C)

### Towing winch

Winch	: Single drum-with 600 MTR
	: Towing wire of 50 MM Dia
Spare Towing Wire	: 600 MTR of 44 MM Dia
Bollard Pull	: <b>66.00 metric tons</b>
Windlass	: S-drum Ridderinkhof-AL32D-5T
Capstan	: Ridderinkhof KS-5T
Tugger winch	: 1x Lindans HMH-MR-2800 6.7 T
Anchors	: 3 x HHPA Pool anchors-1000 Kg
Stern Roller	: 1.00MTR Long X 1200/1350 DIA

### Crane

Pedestal mounted	: SWL 6 M/Tons @ 6 meter radius
Hydraulic telescopic crane	: Boom length 21 meter
(Radial Davit)	: 1 Ton

### Performance

Speed	: Max 13.5 knt - Cruising 12 knt
Fuel consumption	: Towing/Full load : 16 metric tons
	: Free running : 9.80 metric tons

### Transfer rates

- Fuel	: 30 m <sup>3</sup> @ 1.5 bar
- Water	: 40 m <sup>3</sup> @ 3.0 bar

### Communication Equipment

SSB (1) Radio	: 1 x JRC – JSB 176
Telephone	
VHF (2) Marine	: 2 x Sailor RT 2048
Satcom Phone	: 1 x STN Atlas
Portable VHF	: 3 x Mcmurdo Axis 250
Fax	: 1 x Panasonic KX-F230
EPIRB 406 Mhz	: Grasby Nova RT-260
Watch Receiver	: 1 x Sailor R501
Navtex Receiver	: 1 x JMC NT-900
Radat Transponder (2)	: 2 x Mcmurdo Sart RT9-3
GMDSS	: Sailor system 4000 Area A3
(CO4692 2 bay console)	: GMDSS Radiotelex & Sat-C
E-mail	: Inmarsat C E-mail service

### Accommodation

Total	: <b>24 Berths</b>
	: Can be extended up to 34

Note : All details given in good faith without guarantee subject to change without prior notice.