

# M.T. "AQUILA"

## ANCHOR HANDLING/ TOWING / OFFSHORE SUPPORT / FIFI-II TUG



### Dimensions

Length Overall	: 50.00 M
LBP	: 43.00 M
Breadth Moulded	: 14.30 M
Depth Moulded	: 6.70 M
Maximum Draft	: 5.70 M
GRT	: 1070
NRT	: 321
Dead Weight	: 882.32 Tonnes

### Machinery/Propulsion/Maneuvering

Main Engine	: 2 x Wartsila / Nohab 16V25
Horsepower/RPM	: 2 x 4,500 HP 3310 kW/900 rpm
Generators	: 1 x Deutz type BA8M 816 Cr 392 kW @ 1500 rpm(380V/50HZ) 2 x Cummins KTA 19-DM1 410kW @ 1500 rpm (380V/50HZ)
Harbour Generator	: 1 x Deutz BF 6L513 R, producing 94 kW @1500 rpm (380V/50HZ)
Bow Thrusters	: 2 x 190kW of 6 Tons Thrust each Electric Driven
Propulsion	: 2 x Propellers – Four blades CPP
Fresh Water Generator	: RO plant producing 5M <sup>3</sup> /Day

### Capacities

Fuel oil	: 575.00 M <sup>3</sup>
Fresh Water	: 278.00 M <sup>3</sup>
Clear Deck Space	: 281 M <sup>2</sup> (24.00M x 11.70M)
Walk-in Freezer	: 12.00M <sup>3</sup> @ -18 degrees
Walk-in Chiller	: 12.00M <sup>3</sup> @ +2 degrees
Dry Provisions Store	: 14.60M <sup>3</sup>

### Transfer / Discharge Rates

Fuel Oil	: 150.00 M <sup>3</sup> /hr @ 90.00M head
Fresh Water	: 150.00 M <sup>3</sup> /hr @ 90.00M head

### Communication Equipment

Satellite Phone & Email	: 1 x Thrane & Thrane FBB-150
GMDSS	: 2 x Sailor Inmarsat C
VHF	: 1 x Sailor TT-6222A 1 x Sailor TT-6222A
Handheld VHF	: 2 x Emtel, 1 x Sailor
Handheld UHF	: 3 x Motorola CP 040

### Registration

Year Built	: 1988
Builder	: Cantieri Navali Ferrari – Italy
Owner	: P.T. David Marine INC
Operator	: Mubarak Marine LLC
Port of Registry/Flag	: Kingstown / St Vincent and the Grenadines
Class	: American Bureau of Shipping (ABS)
Class Notation	: A1, Towing Vessel, Fire Fighting Vessel Class 2, AMS
Call Sign	: J8B5370
IMO no.	: 8714891
Maintenance	: Last dry-docking in February, 2016 including major overhauls and refurbishment

### Deck Equipment

Winch	: 1 x Brattvaag Waterfall triple drum winch
Brake Pull	: 320.00 T
Main Towing Wire	: 1100M x 70mm dia
Anchor Handling Wire	: 250M x 64mm dia
Work Wire	: 300M x 64mm dia
Spare Towing Wire	: 1020M x 64mm dia on Hydraulic power reel
Tugger Winch	: 2 x Hydraulic, 10 Ton pull
Tugger Winch Wire	: 125M x 22mm dia
Towing Pins	: 2 x Hydraulic, Remote Controlled
Capstan	: 1 x Brattvaag, 10 Ton pull
Karm Forks	: 1 x Ulstein Hydraulic, SWL 160 Ton
Stern Roller	: 4.00M x 2.50M, SWL 320 Ton
Deck Crane	: 1 x Electro-hydraulic, SWL 2.50 T @ 11M
Anchors	: 2 x 2100kg, AC-14 HHP Anchors
Anchor Chain	: 2 x 328M of 38mm dia chain
Reefer Plugs	: 2 x 380V for deck containers

### Performance

<b>Bollard Pull</b>	: <b>95 Tonnes (carried out on 27<sup>th</sup> October, 2015 at Cape Town, South Africa)</b>
Speed (Economic)	: 9 Knots
Speed (Maximum)	: 14 Knots (in fair weather)
Fuel Consumptions - Free Running	: Economic 12M <sup>3</sup> /Day, Maximum 16M <sup>3</sup> /Day
Towing:	: Economic 16M <sup>3</sup> /Day, Maximum 22M <sup>3</sup> /Day

**Navigation Equipment**

Magnetic Compass : Sperry Magnetic Compass & Binnacle  
 Gyro compass : C. Plath Nav X MK1 (4914)

Autopilot : Sperry Nav Autopilot  
 Echo Sounder : Furuno –FE700  
 Radar : 1 x Furuno-FR 1510.Mk5

: 1 x Koden MRD-105P  
 AIS : Furuno FA-100  
 GPS : 1 x Simrad GN-33  
 1 x Furuno GP90  
 BNWAS : 1 x Furuno BR-510  
 Anemometer : Furuno F150  
 Speed Repeater : Furuno RD-30  
 Navtex : Furuno NX500

**Life Saving Equipment**

Life Rafts : 2 x 20 persons  
 2 x 25 persons

Rescue Boat : 1 x Gemini – 6 man, 25 HP  
 Hospital : Fully equipped for worldwide trading  
 Life Jackets : 31 Nos  
 Life Buoys : 8 Nos  
 SSAS : Satcom Mini C – Felcom 16  
 EPIRB : Jotron 40s  
 SART : 2 x Jotron Transart

**Fire Fighting Equipment**

**Fire Fighting System** : **FIFI CLASS 2 certified and compliant**  
 Fire Fighting Pumps : 2 x 3,600 M<sup>3</sup>/hr, main engine driven  
 Total capacity 7,200 M<sup>3</sup>/hr

Manufacturer : ALLWEILER ITALIA  
 Fire Monitors : 4 x 1,800 M<sup>3</sup>/hr, Hydraulic  
 remotely operated from wheel house

Manufacturer : ALLWEILER ITALIA  
 Length of throw : 150.00M, each monitor  
 Height of throw : 70.00M, each monitor  
 Fire Extinguishers : As per class requirement  
 All Equipment as per FFC.2 classification

**Accommodation**

Crew (18 persons) : 2 x Single Man Cabins  
 4 x Two Man Cabins  
 2 x Four Man Cabins

Passenger (10 persons) : 2 x Single Man Cabins  
 4 x Two Man Cabins

Total : 28 persons  
 Recreation and mess room sufficient for full complement

**Insurance**

Hull & Machinery : Qatar Insurance Company  
 P & I : The Shipowners Mutual Protection &  
 Indemnity Association (Luxembourg)

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