

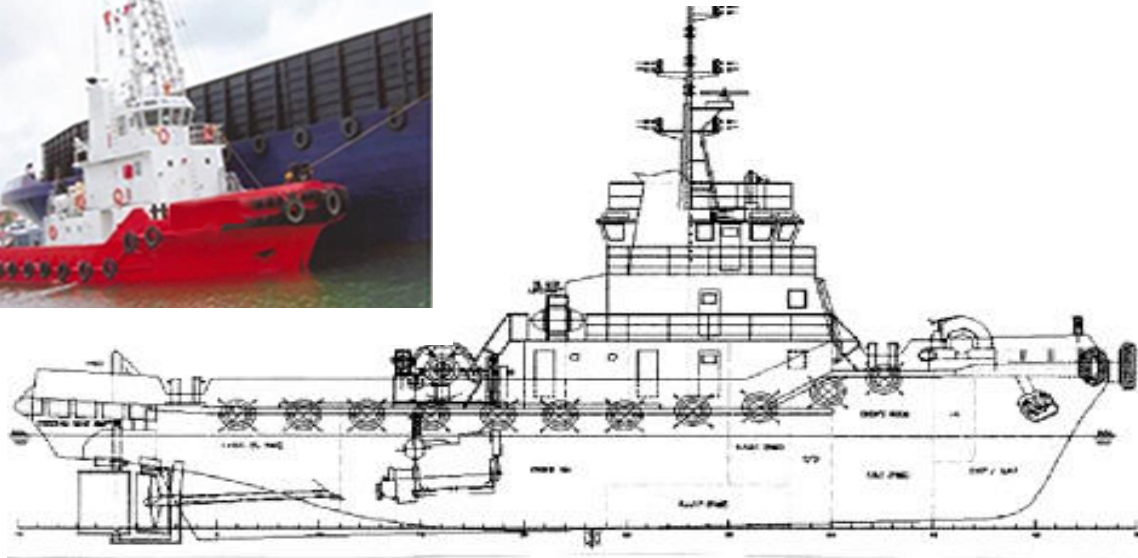


# ALMOAYYED MARINE

P.O.Box 15376, Manama, Bahrain

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## 32Mtr 3000BHP TUGBOAT 'ALMOAYYED 22' TWIN SCREW TOWING TUG



Twin Screw Towing Tug built for worldwide tows and mooring assistance

Type of vessel Ocean Goring Twin screw tug  
 Flag Bahrain  
 Call sign

Official Number BN4040  
 IMO number

### CLASS

Classification Society Bureau Veritas  
 Class Notation I + Hull, +Mach, Tug  
 Unrestricted Navigation  
 Builder Cheoy Lee Shipyards Ltd  
 Guangzhou Panyu Lingshan Shipyard  
 Year built 2005

### LIQUID STORAGE CAPACITIES

Fresh Water tank/Ballast Tank 20 m3  
 Fresh Water Tanks 2 40 m3  
 Fuel Oil Tanks 7 230 m3  
 Lub Oil Tank 1.70 m3  
 Dirty Oil Tank 1.00 m3

### MEASUREMENT

Length Overall 31.80m  
 Length B.P. 28.00m  
 Beam Moulded 9.60m  
 Depth moulded 4.15m  
 Draft designed 3.20m

### TONNAGE

GRT 297  
 NRT 89

### CARGO DECK

Cargo Deck Area 88.00 m2  
 Deck Strength 5 tonnes/m2

### ACCOMMODATION

Cabins 2 x 1 berth cabins: 2 men  
 2 x 2 berth cabins: 4 men  
 2 x 4 berth cabins: 8 men  
 Complement 14 men

### SPEED & BOLLARD PULL

Speed 11 knots (Free running)  
 Total Bollard Pull 40 tonnes  
 Endurance 23 days

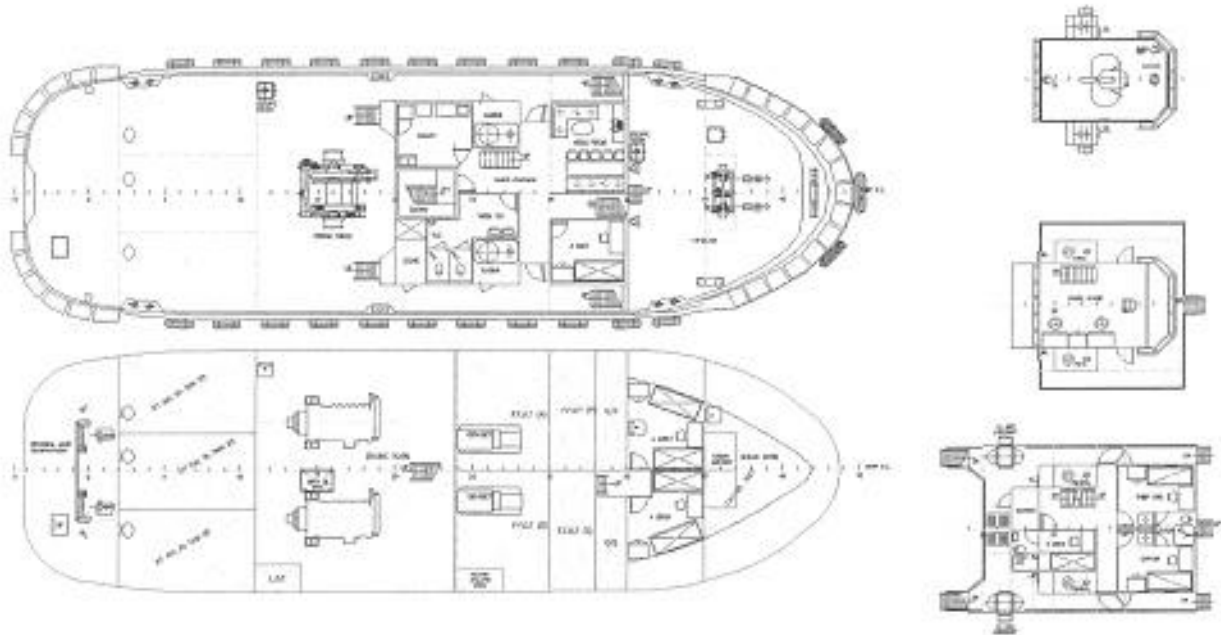


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### LOAD/DISCHARGE

Connections  
Fuel Oil Female – 3" Kamlock  
Portable Water Female – 2.5" Kamlock

### CARGO DISCHARGE CAPACITY

Fuel / Gas Oil 8m<sup>3</sup>/hr at 20m head  
Portable water 28m<sup>3</sup>/hr at 30m head

### PROPULSION AND MANEUVERING

Main Engines Caterpillar 3512B 2 x 1500 BHP  
@1600 RPM total 3000 BHP  
Propellers 4 Bladed, approx 1800mm dia  
2 x fixed pitch 4-bladed

### ELECTRIC POWER GENERATION

Diesel Generator  
Engine Perkins 1006TWGM 2 x 85 KW  
Diesel Driven Alternator, 400VAC/50Hz/3Ph

### TOWING & ANCHOR HANDLING EQUIPMENT

AH/Towing Winch  
Shipneed 10MT @ 10.0m/min  
80 tons Brake/ 10Tons Pull  
Single Drum Electro Hydraulic driven  
Drum Capacity: 800m of 40mm dia

### DECK EQUIPMENT

Anchor Windlass 5.0ton at 9m/min, Brake holding  
at 50 ton  
Anchor 2 x stockless bower anchors  
400 kg each  
Chain 220m x 19mm dia Grade U2  
Stud ling chains

### FIRE FIGHTING EQUIPMENT

CO2 flooding system  
Fireman outfit 1 complete set  
Emergency fire pump 25m<sup>3</sup>/hr x 30m head