

MUBARAK CHALLENGER

48MTRS/5000 BHP/ANCHOR HANDLING/ TOWING/BERTHING/FIFI 1



Dimension

Length Overall	: 48.00 meters
Length BP	: 40.80 meters
Breadth Moulded	: 13.20 meters
Depth Moulded	: 6.75 meters
Draft Designed	: 4.50 meters

Tonnage

GRT	: 945.98 metric tons
NRT	: 834.62 metric tons
DWT	: 512.00 metric tons

Machinery/Propulsion/Maneuvering

Main Engine	: 2x Rolls Royce Bergen KRMB-8
Horsepower/RPM	: 2 x 2480 HP @ 825 RPM
Generators	: 3 units 400 kW, 3ph, 50hz
Propulsion Units	: 2x Rolls Royce Azimuthing : Stern Drive System (Aquamaster)
	: 2 x CPP into Kort Nozzle
Bow Thruster	: 2 x 5 tons combined = 10 tons Hydraulic Driven by 2 Caterpillar Engine of 720HP each = 1450 HP

Performance

Bollard Pull	: 63.00 metric tons
Service Speed	: 12.00 knots
Fuel Consumption	: Free Running : 6.64 MT @ 700 rpm Towing/Full load: 8.3 MT @ 700rpm

Navigation/Communication Equipment

Gyro compass	: Intercom
Autopilot	: EPIRB
Radar	: GPS
Echo Sounder	: SSB Radiotelephone
GMDSS	: VHF
Speed Log	: Public Address

Safety/Fire Fighting

Foam/Water Monitors	: 2 nos. fire monitor for FIFI 1
Fire station/Extinguisher	: as per SOLAS requirement
Water Sprinkler	: For all areas
Life Rafts/Jackets	: as per SOLAS requirement
Fast Rescue Craft	: 1 no. for 6 persons

Registration

Year Built/Place	: 2010/Dubai, United Arab Emirates
Builder	: Dubai Shipbuilding & Engineering LLC
Port of Registry	: Dubai-UAE
Flag/ Official No.	: United Arab Emirates/ 6482
Class	: Bureau Veritas
IMO no.	: 9542958
Owner	: Mubarak Marine LLC

Deck Equipment

Main Crane	: 1 unit Electro-hydraulic, SWL 10T @ 11m
Tugger winch	: 2 x 10 tons
Towing Pin /	: 1 compact towing pin
Shark Jaw	: Shark Jaw, 200 tons capacity
Capstan	: 2 x 5 metric tons pull
AHT winch	: Double Drum, Electric Hydraulic
Towing Drum wire	: 1000 meters x 56 mm
Anchor Handling Drum	: 1000 meters x 56 mm Drum Pull 1 st Layer = 150 Tons

Stern Roller	: 1500 mm Dia. x 5000 mm length
Quick release towing hook	: A heavy duty fitted a mid ship
Windlass	: 1 hydraulic, double gypsy with single Mooring drum 120 t brake holding Capacity (400 meters x 80 dia p.p. rope)

Deck Space

Clear Deck Space	: 20.8mtrs x 10.6 mtrs = 220.48 mtrs ²
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Capacity

Fuel oil	: 500.00 meters ³
Fresh water	: 80.00 meters ³
Fresh Water Maker	: 1 no. 2000 USG/day
Dry Provision	: 20.00 meters ²
Freezer/Chiller	: 5 meters ² / 4 meters ²
Sewage Treatment	: 1 no. for 26 persons

Total Accommodation/Facilities

Single Cabin	: 2 nos. with own T&B
Pilot room	: 1 no. with own T&B
2-men Cabin	: 2 nos. with own T&B
4-men Cabin	: 5 nos. with common T&B
Officer/Crew Mess	
Crew	: 14 nos.
Total	: 27 nos.

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

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