

“MARCO STAR”



63.7M FIFI-1, DP2, SPS, ANCHOR HANDLING TUG SUPPLY VESSEL

Main Particulars

Length Overall : 63.7 metres
 Breadth Mld. : 16.00 metres
 Depth at Freeboard Dk : 6.00 metres
 Draft Designed : 5.10 metres

Tonnage

Light Ship : 1734.30 mt
 Gross Tonnage : 1775.00 tons
 Net Tonnage : 533.00 tons
 Summer Deadweight : 1571.86 mt (approx.)
 Summer Displacement : 3306.16 mt

Machinery

Main Engine : 2 x Cummins Engines QSK60
 Horsepower/RPM : 2 x 2500 bhp @1900 rpm
 Generators : 3 x 450 kW,3ph, 50hz
 Emergency Generator : 1 x 192 kW,3ph, 50hz
 Propulsion Units : 2 x Berg Azimuth Thrusters
 Propellers : 2 x CPP into Kort Nozzle
 Bow Thrusters : 2 x 350 kW fixed pitch into tunnel
 Dynamic Positioning : Ship's system DP-2

Capacity

Fuel oil : 586.00 metric tons
 Fresh water : 228.00 metric tons
 Fresh water maker : 1 x 5 mt/day
 Dry Provision : 5.2 metres²
 Freezer/Chiller : 3.48 metres² /6.3 metres²
 Sewage Treatment : 2 x 3120 litres/day
 Liquid mud/brine : 440.00 metres³ (220 x 2nos.)
 Bulk Cement : Total 140qm, 4 x 35 qm

Clear Deck Area : 415.00 metres²

Communication and Navigation Equipment

Gyro Compass : DP 2
 Auto Pilot : EPIRB
 Radar : GPS
 Echo Sounder : SSB Radiotelephone
 GPS : VHF

Registration

Year Built : 2014
 Owner : Marco Shipping LLC
 Operator/Manager : Mubarak Marine LLC
 Port of Registry/Flag : Kingstown/St.Vincent & the Grenadines
 Class : Det Norske Veritas (DNV)Id no. 30522
 Official No. : 11395
 Call Sign/IMO No. : J8B4922/9605968
 Notation : **☒** 1A1 SUPPLY VESSEL BASIC,TUG#
 DK(+),SF FIRE-FIGHTER-1 DYNPOS
 AUTR, SPS
 Builder : Dubai Shipbuilding & Engineering LLC

Deck Equipment

Anchor Handling Towing Winch : 1 unit Electro-hydraulic, Double Drum
 Capacity : 180t at 0-5m/min Duty pull
 280 mt Brake Pull, Static at 1st layer
 Drum Capacity : 1400 m at 56mm dia. wire drum
 Capstan : 2 x 5.5 at 0-15 m/min pull
 Tugger Winch : 2 x 10 at 0-10m/min pull capacity
 Stern Roller : 1800mm dia. x 5000 mm length
 Windlass : 1 x Electro Hydraulic Windlass
 Capacity : Ø42m k2 Chain,
 7.7t x 10m/min Gypsy Pull
 45.2t Brake Pull, Static

Bollard Pull : 64.0 tons

Crane

Deck Crane : 1 x 25mt at 13m radius, 5mt at 25m
 0-10 m/min (Full Load, Full Extended)

Safety/Fire Fighting

External Fire Fighting : FIFI 1
 Fire pumps : 2 x PTO From Main Engine
 Fire monitor : 2 x FIFI1 Class
 Oil Dispersant Boom : 2 x 8m length
 Fire Station/Extinguisher : As per SOLAS requirements
 Life Rafts/ Jackets : As per SOLAS requirements
 Fast Rescue Craft : 1 x 15 persons

Accommodation/Facilities

Total : 44 persons
 Single Cabin : 8 nos. with own Toilet & Bath
 2-Men Cabin : 8 nos. for crew
 4-Men Cabin : 5 nos. for Offshore Crew
 Other : Recreation, Meeting Room, Clinic & Mess hall