

Year Built: 2011

Flag: Liberia

Class: ABS № A1(E) Offshore

Support Vessel, Fire Fighting Vessel Class-1, ▼AMS ▼DPS-2

FOG FORTUNE is a Platform Supply Vessel with:

- DP 2 System
- Clear Deck Area of 580m²
- Deadweight of 3,000T
- Deck Strength of 5T/ m²
- Deck Cargo Capacity of 1000T

MAIN PARTICULARS

Principal Dimensions

Length Overall 69.90 m Breadth Moulded 16.60 m Depth Moulded 7.00 m Design Draft 5.80 m **Gross Tonnage** 2,500 T Net Tonnage 750 T 5.0 Ton/m² 3,000 T Deadweight Deck Strength 1000 T Clear Deck Area 580 m² **Deck Cargo Capacity**

Performance Speed 12.5 Knots (90% MCR)

Capacity Discharge rates

Fuel Oil 760 m^3 $1 \times 100 \text{ m}^3/\text{hr}$ @ 80 m headFresh Water 515 m^3 $1 \times 100 \text{ m}^3/\text{hr}$ @ 80 m headW.B./D.W. $1,195 \text{ m}^3$ $1 \times 100 \text{ m}^3/\text{hr}$ @ 80 m headMud 450 m^3 $2 \times 70 \text{ m}^3/\text{hr}$ @ 200 m headBrine 150 m^3 $1 \times 70 \text{ m}^3/\text{hr}$ @ 82 m head

Dry Bulk Cement 245 m³ - 4 tanks, 2 systems

Cement Compressor 2 x 20 m³/hr @ 5.6 kg/cm³ (max.7bar)

MACHINERIES

Main Machinery

Main Engine 2 x 2,575 BHP @ 1,600 rpm, Caterpillar 3561DITA

Reduction Gear 2 x Reinjtes LAF 873

Main Generator 3 x 590kW, Caterpillar 3412C, 440V/3ph/60Hz

Shaft Generator2 x 1,070kW Shaft DrivenEmergency Generator1 x 95kW, Caterpillar C4.4DITPropeller2 x Berg CP Type BCP 690

Rudders 2 x High Lift Flap

Bow Thruster 2 x 8T, Kawasaki KT-72B3 CPP Stern Thruster 1 x 8T, Kawasaki KT-72B3 CPP

Deck Machinery

Combined Windlass 2 x 13 T @ 12 m/min, for 42 mm dia. U3 Chain

Anchor 2 x high-hold type, stowed in anchor pocket each of 2280kg

Capstan 2 x 5 Tons @ 15 m/min Tugger Winch 2 x 10 Tons @ 12 m/min

Provision Crane 1 x 2 T @ 12 m outreach, Electro-hyd telescopic

FOG FORTUNE

EQUIPMENTS & ELECTRONICS

GMDSS System and Navigation Equipment

GMDSS for Area 3 comprising of:

SSB Radio 1 unit Inmarsat C 1 unit **VHF Radio** 2 units Radar 2 units Echo Sounder 1 unit **Gyro Compass** 3 units Autopilot 1 unit **Magnetic Compass** 1 unit Speed Log 1 unit **Navtex Receiver** 1 unit **SART** 2 units **GPS** 1 unit AIS 1 unit Satellite EPIRB 1 unit Weather Fax Receiver 1 unit Inmarsat Fleetbroadband 1 unit **ECDIS** 1 unit

Miscellaneous/ Others

Fresh Water Maker 1 x 5 T/day Sewage Treatment Plant 1 x 60 Pax

Oily Water Separator 1 x 1 m³/hr @ 15ppm

DP System (Meets the DPS -2)

MT DPS2 c/w Independent Joystick

DGPS – 2 Fan Beam – 1 Radius – 1

Accommodation

 Messroom – 2
 37persons

 1 man cabin x 4
 4 men

 2 men cabin x 6
 12 men

 4 men cabin x 11
 44 men

 Total
 60 men

Hospital 1 man

Fire Fighting Equipment (Meet FIFI Class 1 with Water Spray Curtain)

External (FFS)

Fire Pumps 2 x 1,700 m³/hr @ 12 bar,

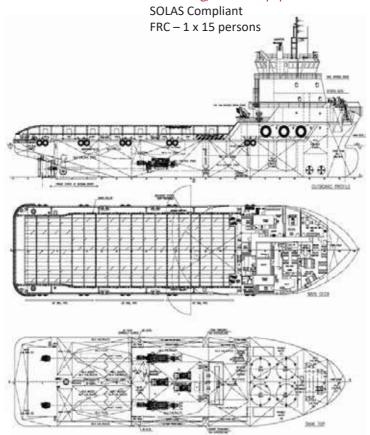
Fire Monitors 2 x 1,200 m³/hr

<u>Internal</u>

Emergency Fire Pump CO2 System in Engine Room.

Water Mist System in Engine Room. and Paint Store

Life Saving/ Rescue Equipment



General Arrangements