



STRAIGHT SUPPLY VESSEL, 4640 BHP x FIFI 1

PRINCIPAL PARTICULARS

Length Overall	: 59.20 m
Breadth Molded	: 13.80 m
Depth Molded	: 5.50 m
Designed Draft (Max)	: 4.75 m
Class	: Bureau Veritas
Flag	: Malaysian
Official No	: 332359
Call Sign	: 9 MFC 7
IMO No.	: 9410351
MMSI No.	: 533000476
GRT/NRT	: 1212/363
Built	: 2007
Hull No.	: 20061
Place of Built	: Muhibbah Marine Eng. Sdn Bhd

PERFORMANCE

Maximum Speed	: 14 knots
Cruising Speed	: 10 knots
Type of Fuel	: MGO
Endurance	: 25 days

CARGO CAPACITIES

Deck Cargo	: 500 MT
Deck Strength	: 5.0 T/m ²
Clear Deck Area	: 10M x 34M topped with 76mm thick hardwood
Fuel Oil	: 470 m ³
Potable/Drill Water	: 1040 m ³
Foam + Detergent Tk	: 11 m ³ + 11 m ³

DISCHARGE RATES

Fuel Oil	: 100 m ³ /Hr @ 60 m Head
Potable Water/Drill	: 100 m ³ /Hr @ 60 m Head

PROPULSION SYSTEM

Main Engines & Maker	: 2 x 2320 BHP, CAT 3606 DITA
Generator Engines	: 2 x 245 kW, CAT 3406C
Bow Thruster	: 1 x HRP 4008 TT x 5 mt thrust, 350 kW, 1800 rpm.
Propellers	: 2 x CPP, Berg, 2600 mm dia
Steering Gear	: Palmarine
Emergency Generator	: 1 x Caterpillar, 69 kW, 415 V, 3 ph, 50 Hz @ 1500 Rpm

OTHERS

Reefer Points	: 8 x 16 amp. 415/3/50. 4 pin socket
1 x Arc Welding & 1 x Oxy-acetylene gas Cutting	
Flow meter c/w printer on the loading line and discharging line	

DECK EQUIPMENT

Capstan	: 2 x 5 T @ 0-15 m/min, hyd operated
Tugger Winch	: 2 x 5 T @ 12 m/min, hyd operated
Deck Crane (1 No)	: Type AK40 E2, 3 T @ 9 m, hyd operated
Anchor Windlass	: 5.6 mt @ 12 m/min, 11 mt @ max, 36 mm chain @ 17 Shackles, Port & Stbd
Anchor	: 2 x 1440 Kg

ACCOMMODATION

Complement	: 27 + 12 (Seating Passengers)
All cabins fully air-conditioned	
Walk-in Freezer Space	: 11.0 m ³
Walk-in Chiller	: 16.5 m ³
Passenger Cabin	: 12 seats

RADIO & NAVIGATION EQUIPMENT

SSB	: 1 x FURUNO, FS-1570, 150 w MF/HF
VHF	: 2 x Furuno FM 8800D/880S
Radar	: 2 x FURUNO FR2105/1500
Echo Sounder	: 1 x FURUNO, Model FE-700
Gyro Compass	: 1 x Yokogawa, Model CMZ-700B
GMDSS	: A3, maker: FURUNO
Magnetic Compass	: 1 x Lillie & Gillie, Model MK 2000
Speed Log	: 1 x FURUNO DS-80
Auto Pilot	: 1 x Navitron PID, Model NT991G
Navtex Receiver	: 1 x FURUNO NX-700B
GPS Navigator	: 1 x FURUNO 6P 1500
Joystick Control	: 1 set, KONGSBERG
EPIRB	: 1 x McMURDO, Model E3
AIS	: 1 set interfaced with Gyro
Mini-M	: 1 set NERA WorldPhone
Fax	: 1 set

FIRE FIGHTING EQUIPMENT

<u>External</u>	
Fire Pump	: 2 x Pump, Kvaener, 1500 m ³ /hr
Fire Monitor	: 2 x monitors (water/foam), 1200 m ³ /h
Oil Dispersant Boom	: 2 x 3m with 5 nozzles
<u>Internal</u>	
CO2 system in engine room	: Fitted

LIFE SAVING & H.S.E. EQUIPMENTS

Search Lights	: 2 x 2000W Perko Series 1900
Floodlights	: Fitted 6 in nos.
Life Jackets	: 27 + 12
Liferafts	: 4 x 20 men DSB
Lifebuoy	: 9 pcs of DOT approved
Fireman's Outfit	: 4 sets
Immersion Suits	: 1 set
Scrambling Net	: 1 pc
Rescue Boat	: DSB 4201RB 6 person c/w 30hp Outboard Motor
Slewing Davit	: D-CRM SWL 10 kN @ 3.5 m outreach