



MAIN PARTICULARS

- Length overall abt. 129.9 m
- Length between perpendiculars 122.0 m
- Breadth 21.0 m
- Depth 11.8 m
- Design draft (Td) 8.55m
- Scantling draft (Ts) 8.55m
- Complement 21+6 P

DEADWEIGHT

- Deadweight on Td/Ts 13,000 mt

SPEED

- Speed at 8.55 m (with 15% S.M.) 13.0 kts

TANK CAPACITIES (100%)

- Cargo Capacity abt. 14,000 m³
- Ballast Water abt. 5,300 m³
- Marine Gas Oil abt. 190 m³
- Fresh Water abt. 150 m³
- Methanol (Tanks in hold) abt. 490 m³

MAIN PROPULSION SYSTEM

- Type : Wartsila W6L32
- NMCR : 3,480 kW x 750.0 rpm
- SMCR : 3,000 kW x 125.9 rpm
- NCR : 2,700 kW x 121.6 rpm
- NOx reduction device : EGR

FUEL CONSUMPTION (Methanol)

- D.F.C. at NCR abt. 21.9 mt/day
(L.C.V.= 19,900 kJ/kg)
- Cruising range abt. 5,400 N.M

FUEL CONSUMPTION (MGO)

- D.F.O.C. at NCR abt. 11.8 mt/day
(L.C.V.= 42,700 kJ/kg)
- Cruising range abt. 4,100 N.M

WATER BALLAST SYSTEM

- Ballast pumps : 400 m³/h x 2 sets, Submerged type
- BWTS : 800 m³/h, UV + Filter type

CARGO SYSTEM

- Cargo segregation : Seven(7)
- Cargo pumps : 300 m³/h x 12 sets, Submerged type
- Slop pumps : 150 m³/h x 2 sets, Submerged type

DECK MACHINERY

- High pressure electro-hydraulic type
- 2 combined windlass / winch
- 2 mooring winches

POWER SUPPLY

- Main Generator : 900 kW x 2 sets
- Emergency Generator : 120 kW x 1 set

NAVIGATION AIDS

- Gyrocompass with auto pilot
- Radar
- Magnetic compass
- Navigator / VDR / AIS
- ECDIS with conning display