LIQUEFIED GAS CARRIER 1500 LNG

PICTURE OF SIMILAR VESSEL

GENERAL
Basic functions: Transporting of liquefied gas, especially suitable for carrying and transporting LNG
Classification: Bureau Veritas • I Hull, • Mach, • Aut-UMS, Liquefied Gas Carrier type 2G (-163°C, 0.50 t/m³)

DIMENSIONS
- Length overall: 72.27 m
- Length b.p.p.: 67.70 m
- Beam moulded: 11.30 m
- Depth: 5.40 m
- Draft: 3.05 m
- Air draft: 11.00 m
- Deadweight: 900 t

TANK CAPACITIES
- Ballast water: 1,100 m³
- Fuel oil: 100 m³
- Potable water: 30 m³
- Sewage: 6 m³
- Dirty oil: 2 m³

TANK SYSTEM, CARGO
- Tank 1, capacity (100%): 1,500 m³
- Loading: 175 m³/h
- Discharge: 175 m³/h

PERFORMANCES
- Speed (at d= 2.50 m and 100% MCR), approx.: 10.0 kn

PROPELLATION SYSTEM
- Main engine: Diesel (MGO), 746 kW at 1,600 rpm
- Gearbox: Reduction type
- Stern tube: Oil lubricated
- Propeller: Fixed pitch, 2,000 mm
- Steering gear: Electric-hydraulic
- Rudder: Spade type
- Bow thruster: Electric driven, fixed pitch, 250 kW

ELECTRICAL EQUIPMENT
- Generator set(s): 2x Diesel, each 250 kW at 1,500 rpm
- Shore supply: 1x 400V, 60A, 100 m cable

DECK LAY-OUT
- Winch(es): 1x Electric-hydraulic anchor/mooring, with 2x warping head
- Crane(s): 1x Electric-hydraulic mooring, aft with 1x warping head and 1x rope drum
- Lifesaving: 2x Life rafts
- 1x Free fall life boat
- 1x Rescue boat

SECONDARY SHIP SYSTEMS
- Compressor(s): 1x Working air
- Separator(s): 1x Non self-cleaning fuel oil
- Pump(s): 1x Ballast Water Treatment unit
- Crane(s): 2x General Service
- 1x Emergency firefighting
- 2x Fuel transfer
- Firefighting system: CO₂ for engine room

ACCOMMODATION
- Crew: 6 persons with heating, ventilation and air-conditioning

NAUTICAL AND COMMUNICATION EQUIPMENT
- Radio telephone set: According to GMDSS for area A1

SPECIAL EQUIPMENT - OPTIONS
- LPG: Dual fuel main engine
- Dual fuel generators: 100% gas generators
- Selective catalytic reduction
- STS (Ship To Ship Transfer System)
- CTS (Custody Transfer System)
- Reliquefaction
- Stern thruster
- Knuckle boom bunker crane
LIQUEFIED GAS CARRIER 1500 LNG
STANDARD