LIQUEFIED GAS CARRIER 6500 LNG

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

DIMENSIONS
Length overall: 105.90 m
Length b.p.p.: 103.10 m
Beam moulded: 18.60 m
Depth: 11.75 m
Draft: 5.80 m
Deadweight: 4,066 t

TANK CAPACITIES
Ballast water: 2,860 m³
Fuel oil: 410 m³
Potable water: 130 m³
Sewage: 50 m³
Dirty oil: 16 m³

TANK SYSTEM, CARGO
Tank 1, capacity (100%): 2,500 m³
Tank 2, capacity (100%): 4,000 m³
Loading: 1,200 m³/h
Discharge: 1,200 m³/h

PERFORMANCES
Speed, (at dr 5-60 m and 100% MCR), approx.: 13.0 kn

ELECTRICAL EQUIPMENT
Generator set(s): 2x Diesel, each 400 kW at 1,500 rpm
1x Shaft, 400 kW
1x Diesel emergency, 65 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 and 2x rope drum
2x Electric-hydraulic mooring, with 1x warping head and 1x rope drum aft
Crane(s): 1x Electric-hydraulic, hose handling type
Lifesaving: 2x Life rafts
1x Free fall life boat
1x Rescue boat

SECONDARY SHIP SYSTEMS
Compressor(s): 2x Starting air (by pass working air)
Separator(s): 1x Lubrication oil
1x Fuel oil
1x Bilge water acc. Marpol
Pump(s): 1x Ballast Water Treatment unit
2x General Service
1x Emergency firefighting
2x Fuel oil transfer
Firefighting system: CO₂ for engine room
Dry powder and sprinkler for cargo area

ACCOMMODATION
Crew: 16 persons, 2 passengers and 4 Suez Crew with heating, ventilation and air-conditioning

NAUTICAL AND COMMUNICATION EQUIPMENT
Radio telephone set: According to GMDSS for area A3

SPECIAL EQUIPMENT - OPTIONS
Dual fuel main engine
Dual fuel generators
100% gas generators
Selective catalytic reduction
LPG
STS (Ship To Ship Transfer System)
CTS (Custody Transfer System)
Reliquefication
Stern thruster
Knuckle boom bunker crane
LIQUEFIED GAS CARRIER 6500 LNG
STANDARD

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