



LIQUEFIED GAS CARRIER 7500 LNG

STANDARD

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/m ³)

DIMENSIONS

Length overall	115.84 m
Length b.p.p.	112.30 m
Beam moulded	18.60 m
Depth	11.75 m
Draft	5.60 m
Deadweight	4,358 t

TANK CAPACITIES

Ballast water	4,300 m ³
Fuel oil	550 m ³
Potable water	130 m ³
Sewage	50 m ³
Dirty oil	16 m ³

TANK SYSTEM, CARGO

Tank 1, capacity (100%)	3,750 m ³
Tank 2, capacity (100%)	3,750 m ³
Loading	500 m ³ /h
Discharge	500 m ³ /h

PERFORMANCES

Speed (at d= 5.60 m and 100% MCR), approx.	13.0 kn
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PROPULSION SYSTEM

Main engine	Diesel (MGO), 3,000 kW at 600 rpm
Gearbox	Reduction type with PTO
Stern tube	Oil lubricated
Propeller	Controllable pitch, 4,000 mm
Steering gear	Electric-hydraulic
Rudder	Spade type
Bow thruster	Tunnel type, fixed pitch, 400 kW

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, for hose handling, swl 5t/20m
Lifesaving	3x Life rafts 1x Free fall life boat 1x Rescue boat

SECONDARY SHIP SYSTEMS

Compressor(s)	2x Starting air 1x 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
Firefighting system	2x Fuel oil transfer CO ₂ 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
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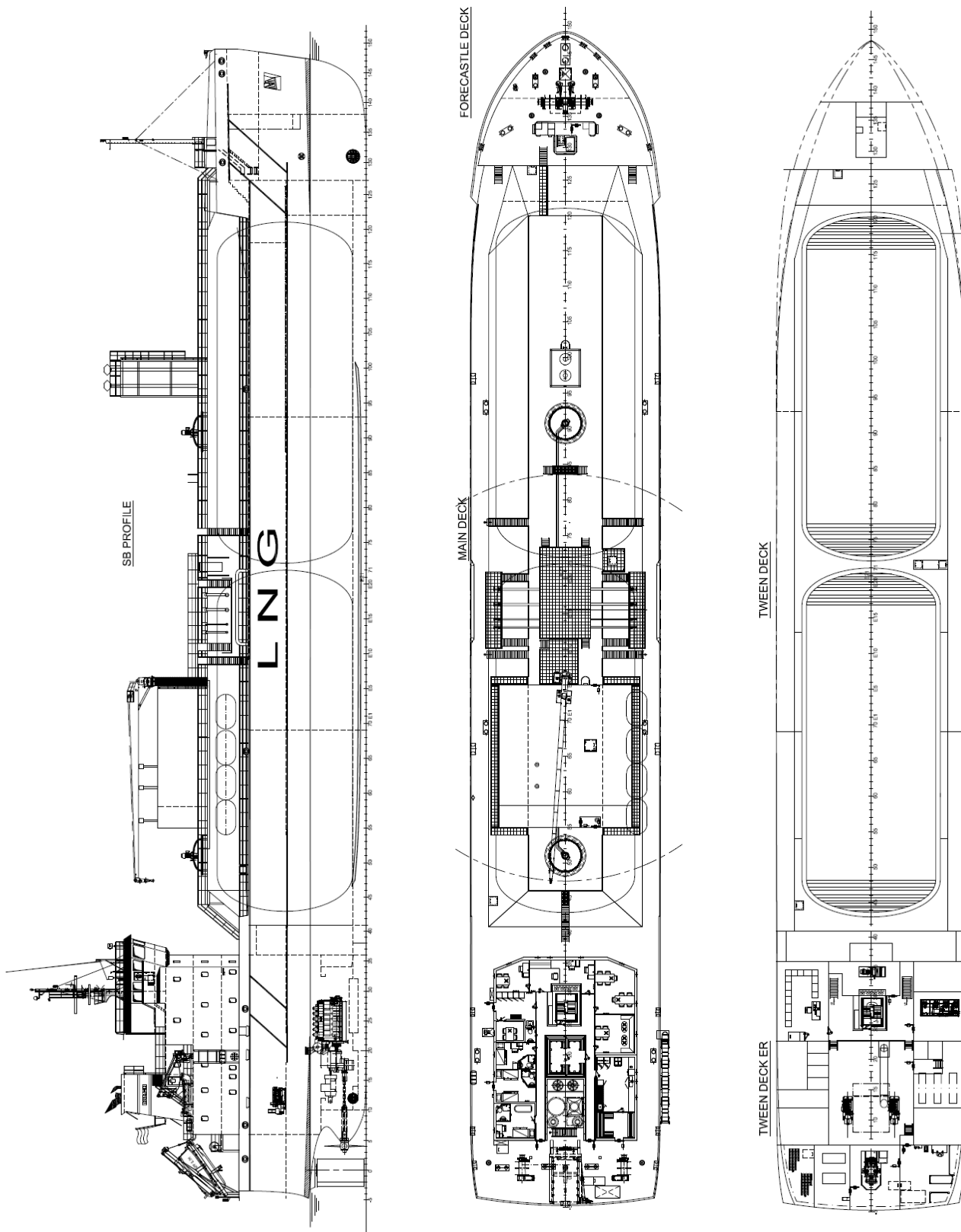
NAUTICAL AND COMMUNICATION EQUIPMENT

Radio telephone set	According to GMDSS for area A3
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SPECIAL EQUIPMENT - OPTIONS

Selective catalytic reduction
Dual fuel or 100% gas main engine
Dual fuel or 100% gasgenerators
Stern thruster
STS (Ship To Ship Transfer System)
CTS (Custody Transfer System)
Knuckle boom bunker crane
BOG processing systems
Inert gas plant
Nitrogen system

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DAMEN

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