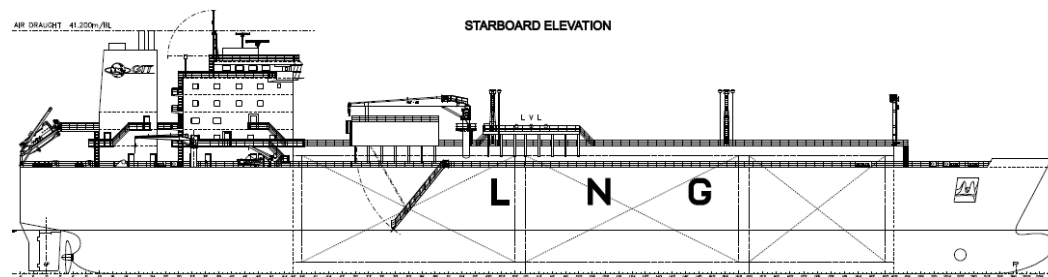


32 000 m³ LNG Carrier



Main Dimensions :

Length overall	176 m
Length between perpendiculars	165 m
Breadth, moulded	28.8 m
Depth, at main deck	18.0 m
Depth, at trunk deck	21.6 m
Draft, Design	7.4 m
Draft, Ballast	6.5 m
Air Draft	32 m
Deadweight, at design draft	15 600 tons
Gross tonnage	28 000 UMS

Cargo Tanks :

3 Membranes type GTT NO96 tanks	
Cargo Capacity (98.5%)	32 000 m ³
Boil-Off-Rate (Standard / Reinforced)	0.23/0.24 % per day

Other Tank Capacities :

Ballast water	12 950 m ³
Marine Diesel Oil	750 m ³
Gas Oil	20 m ³
Lub Oil	50 m ³
Fresh water	100 m ³

Speed / Range :

Speed, at design draft, 85% MCR, 15% SM	16.5 knts
Range, at design draft (DO fuel only)	Abt. 5 000 nm

Classification :

BV, LR, DNV, ABS, CCS or equivalent +1A1 Tanker for Liquefied Gas, Ship type 2G, Clean Design, Gas fuelled

Machinery :

Diesel-Electric Propulsion system	2 x (6L+ 9L)34 DF or equivalent
Total Installed power	13 050 kW
Consumption at 85% MCR	1.8 t/hr = 43.2 t/d

Propulsion

Single Crew, fixed pitch, diameter	Abt. 5.2 m
Electrical motors	2x5 MW
Bow Thruster	1 600 kW
Option 1: Diesel mechanical system	
Option 2: twin screw	

Cargo Equipment :

Main cargo pumps (2 per tank)	500 m ³ /h each
One emergency cargo Pump	170 m ³ /h
Stripping pump (1 per tank)	25 m ³ /h each
Fuel gas pump (1 in tank 1 and 2)	5 m ³ /h each

Other Ship's Equipments

Safety equipments	1 freefall, 1 rescue boat
Ballast pumps	3x 600 m ³ /h
Manifolds	L-V-L
Manifold cranes	2 x 3 t SWL
Inert gas generator	

Accommodation

Crew cabins	25
2 provision cranes	

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32 000 m3 LNG Carrier



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