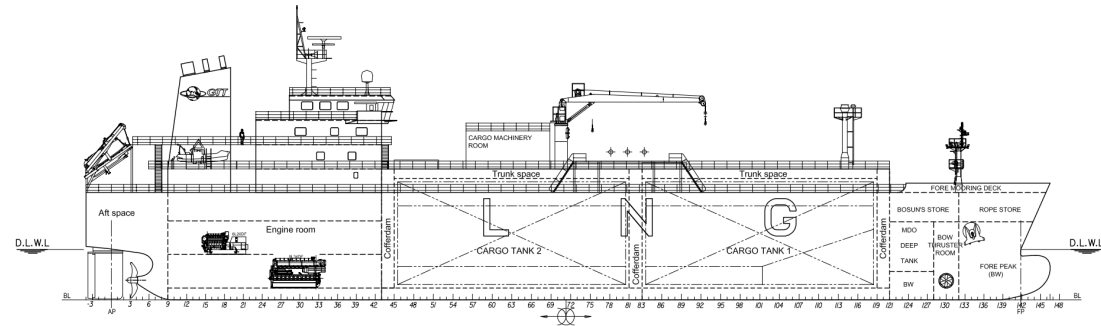


10 000 m³ LNG Carrier

Preliminary



Main Dimensions :

Length overall	115 m
Length between perpendiculars	108.5m
Breadth, moulded	20.3 m
Depth, at main deck	12.8 m
Depth, at trunk deck	15.6 m
Draft, Design	5.6 m
Draft, Ballast	4.8 m
Air Draft	23 m
Deadweight, at design draft	5100 tons
Gross tonnage	xxxxx UMS

Cargo Tanks :

2 Membranes type GTT MarkIII tanks	
Cargo Capacity (100%)	10 100 m ³
Boil-Off-Rate	about 0.22 % per day

Other Tank Capacities :

Ballast water	4400 m ³
Marine Diesel Oil	420 m ³
Lub Oil	15 m ³
Fresh water	85 m ³

Speed / Range :

Speed, at design draft, 90% MCR, 15% SM	15 knts
Range, at design draft (DO fuel only)	Abt.7000nm

Classification :

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

Machinery :

DualFuel-Mecanical Propulsion system	12V 34DF or equivalent
Propulsion power	5400 kW
Consumption at 82% MCR	21 t/d

Electrical power generation

2 x 6L20DF or equivalent
2112 kW

Propulsion

Single Crew, fixed pitch, diameter	Abt. 4 m
Bow Thruster	xxxx kW
Option 1: twin screw	

Cargo Equipment :

Main cargo pumps (2 per tank)	xxx m ³ /h each
One emergency cargo Pump	xxx m ³ /h
Stripping pump (1 per tank)	xx m ³ /h each
Fuel gas pump (1 per tank)	x m ³ /h each

Other Ship's Equipments

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

Accommodation

Crew cabins	17
2 provision cranes	



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Safety

Excellence

Innovation

Teamwork

Transparency