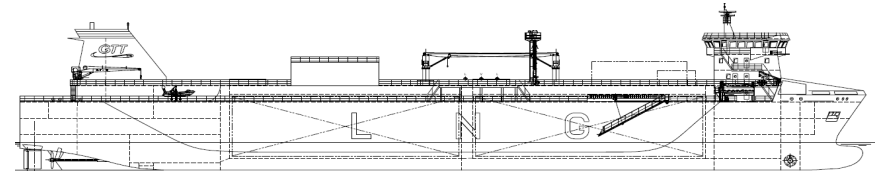


# 16 500 m3 Shallow Draft LNG Carrier



**Main Dimensions :**

Length overall	133 m
Length between perpendiculars	126 m
Breadth, moulded	28 m
Depth, at main deck	11.7 m
Depth, at trunk deck	14.56 m
Draft, Design	4.8 m
Draft, Ballast, approx.	3.6 m
Air Draft (above Design Draft)	24 m
Deadweight, at design draft	8 000 tons
Gross tonnage	14 300 UMS

**Cargo Tanks :**

2 Membrane type GTT Mark III Flex tanks	
Cargo Capacity (100%V)	16 600 m <sup>3</sup>
Boil-Off-Rate	0.21 % per day

**Other Tank Capacities (approx.) :**

Ballast water	8 500 m <sup>3</sup>
Marine Diesel Oil	800 m <sup>3</sup>
Gas Oil	20 m <sup>3</sup>
Lub Oil	50 m <sup>3</sup>
Fresh water	100 m <sup>3</sup>

**Speed / Range :**

Speed, at design draft, 85% MCR, 15% SM	13.0 knots
Range, at design draft (using 600 t MDO)	7 000 nm

**Classification :**

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

**Machinery & Propulsion :**

(engine type indicative only)	
<b>Diesel-Mechanical system</b>	base DF-DM, option DF-DE system
<b>Total Engine Power installed</b>	2x 6L34 DF+2x 6L20DF+ 2x PTO 1100 kW
<b>Gas Fuel Consumption</b>	2 x 3000 kW + 2 x 1110 kW : 8220 kW 18 t/d
<b>Diesel-Electric system</b>	3 x 6L34DF
<b>Total Engine Power installed</b>	3 x 2880 kW : 8640 kW
<b>Gas Fuel Consumption</b>	20 t/d
<b>Electrical Motors (DF-DE system)</b>	2 x 3000 kW
<b>Propellers (CP for DF-DM, FP for DF-DE)</b>	2 x Diameter 2.9 m
<b>Bow Thruster</b>	1 000 kW

**Cargo Equipment :**

<b>Main cargo pumps</b>	4 x 800 m <sup>3</sup> /h
<b>Stripping pumps</b>	2 x 30 m <sup>3</sup> /h
<b>Fuel Gas pumps</b>	2 x 3m <sup>3</sup> /h
<b>Manifolds 12"</b>	L-V-L
<b>Cargo manifold cranes (P &amp; S)</b>	2 x 3 t SWL
<b>Gas Combustion / Inertgas</b>	1 x (combined) unit

**Other Ship's Equipments**

<b>Rudders</b>	2 x High-Lift
<b>Ballast pumps</b>	3x 400 m <sup>3</sup> /h
<b>Life-saving</b>	2 x 25p Lifeboats, 1 Rescue boat
<b>Accommodation</b>	25 persons / 20 cabins

**Options :**

Reliquefaction plant,  
LNG Bunker Transfer Mast "Reach4"

(All data preliminary)  
July 27, 2015

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## 16 500 m3 Shallow Draft LNG Carrier



[ In Progress ]



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