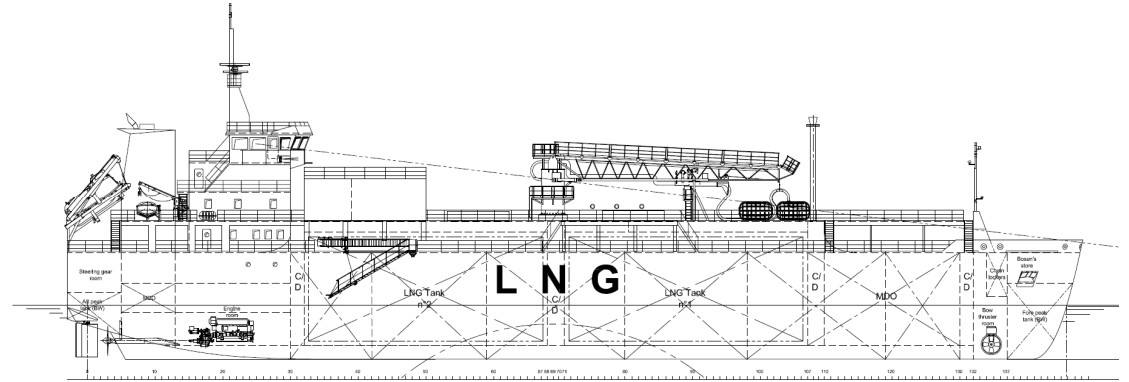


# 4,000 m<sup>3</sup> Bunker Vessel



**Main Dimensions :**

Length overall	90 m
Length between perpendiculars	86.8 m
Breath, moulded	15.7 m
Depth, at main deck	9.4 m
Depth, at trunk deck	12.1 m
Draft, Design	abt. 4.72 m
Draft, Ballast	abt. 2.96 m
Deadweight, at design draft	2 820 tons

Gross tonnage abt. 3 870 UMS

**Cargo Tanks :**

2 Membrane cargo tanks, GTT – Mk III Flex	
LNG Cargo Capacity (100%)	4 080 m <sup>3</sup>
Boil-Off-Rate	0.31 % per day
2 MDO Cargo tank, Total Capacity	940 m <sup>3</sup>

**Other Tank Capacities :**

Ballast water	2 320 m <sup>3</sup>
Marine Diesel Oil	87 m <sup>3</sup>
Fresh water	40 m <sup>3</sup>

**Speed / Range :**

Speed, at design draft, 90% MCR, 15% SM	12.5 knts
Range, at design draft (DO fuel only)	abt. 1 200 nm

**Classification :**

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

**Machinery :**

Dual Fuel Mechanical Propulsion System	2 x 8L20 DF or equivalent
Two Propellers, Controllable pitch type	Diam. approx. 2.5 m
1 Generator Set	Abt 250 KW

**Cargo Equipment :**

Main LNG pumps (2 per tank)	450 m <sup>3</sup> /h each
Stripping/Spray Pumps	2 x 20 m <sup>3</sup> /h
Fuel Pumps	2 x 1 m <sup>3</sup> /h
Emergency pump	1 x 150 m <sup>3</sup> /h
Manifold	L – V – L 8’’
HD BOG compressor	2 x 4 500 m <sup>3</sup> /h
LD BOG Compressor	2 x 500 m <sup>3</sup> /h
Reliquefaction Unit (option)	6 tons/day
LNG transfer system + LNG metering system	
Main MDO pumps (1 per tank)	200 m <sup>3</sup> /h

**Other Ship 's Equipments**

Bow thruster	400kW
Rudders	2 x Flap Type
Ballast pumps	2x 150 m <sup>3</sup> /h
Life-saving for 15 persons :	Lifeboats : 1 Free-fall
	1 Rescue boat
Provision & Machinery crane	1 x 2 t SWL

**Accommodation**

12 persons / 10 cabins

(All data preliminary)

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4,000 m3 Bunker Vessel



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