4,000 m³ Bunker Vessel

**Main Dimensions:**
- Length overall: 90 m
- Length between perpendiculars: 86.8 m
- Breadth, 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, at design draft: abt. 3 870 UMS

**Cargo Tanks:**
- 2 Membrane cargo tanks, GTT – Mk III Flex
  - LNG Cargo Capacity (100%): 4 080 m³
  - Boil-Off-Rate: 0.31 % per day
  - 2 MDO Cargo tank, Total Capacity: 940 m³

**Other Tank Capacities:**
- Ballast water: 2 320 m³
- Marine Diesel Oil: 87 m³
- Fresh water: 40 m³

**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 m³/h each
- Stripping/Spray Pumps
  - 2 x 20 m³/h
- Fuel Pumps
  - 2 x 1 m³/h
- Emergency pump
  - 1 x 150 m³/h
- Manifold
  - L – V – L 8”
- HD BOG compressor
  - 2 x 4 500 m³/h
- LD BOG Compressor
  - 2 x 500 m³/h
- Reliquefaction Unit (option)
  - 6 tons/day
- LNG transfer system + LNG metering system
- Main MDO pumps (1 per tank)
  - 200 m³/h

**Other Ship’s Equipments:**
- Bow thruster
  - 400 kW
- Rudders
  - 2 x Flap Type
- Ballast pumps
  - 2x 150 m³/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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August 2014
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