**TECHNICAL SPECIFICATION**

Length over all, approx. ..... 147.25 m
Deadweight, max. ........ 12,500 DWT
Gross Tonnage............... 17,270 GT
Net Tonnage .................. 5,180 NT

Design Speed .............. 15.0 knots
Operation ..................... “Worldwide”

Main engine.......... 2-stroke Wärtsilä
1 x 5,950 kW  SRT-Flex50DF

Cargo capacity(100%) ..... 20,000 m³
Daily fuel oil cons. (LNG)
Design draught, .................. 18.1 t

**DESIGN HIGHLIGHTS**

- Latest technology Dual Fuel Engines to operate on LNG in ECA zones (IMO Tier III) and MDO outside at competitive fuel cost
- Single decked with machinery and accommodation located aft
- Single screw propulsion with low speed DF main engine
- Ballast water treatment plant compliant with the latest MARPOL V
- Sewage and garbage handling fully compliant with MARPOL IV/V
- Superior hull lines, CFD optimized
- Low fuel consumption, high propulsive efficiency
- 2 x 7,500 m³ Bilobe and 1 x 5,000 m³ Bilobe type C cargo tank
- Pure LNG carrier
- Fuel feeding by BOG and forced vaporizing
- Joint Design Project with Lloyd’s Register
MAIN DIMENSIONS
Length over all, approx. .................. 147.25 m
Length PP .................................. 138.70 m
Breadth moulded ......................... 25.30 m
Depth moulded ............................. 17.60 m
Draught .................................. 7.80 m
Deadweight (T= 7.8m) .................. 12,500 t

SERVICE SPEED
Speed (T= 7.8m) .......................... 15.0 knots

CAPACITIES
HFO capacity ................................... 800 m³
FW capacity .................................. 200 m³
Endurance (FO) .............................. 10,800 nm

CARGO EQUIPMENT
- Deepwell pumps
- Deepwell heating/evaporation equipment
- Nitrogen generator unit
- Reliquification unit for LNG (Option)
- Gas combustion unit (Option)
- Elevated manifold (Option)

ENVIRONMENTAL EQUIPMENT
- B. W.T. unit, Wärtsilä AQ-550-EC
- Sewage and garbage treatment

ESDs
- EnergoProFin
- Mews Duct (or equivalent)

DECK'S MACHINERY
- 2 x combined anchor/mooring winches fwd and
  2 x mooring winches aft, all auto-tension
- El.-hydr. steering gear for flap rudder
- 1 x el.-hydr. hose crane
- Free fall lifeboats for 24 persons
- Life rafts for 24 persons
- Life raft for 6 persons

MACHINERY
Main engine (SRT Flax 50DF) .............. 5,950 kW
Generator sets (6L20DF) .................. 3 x 1,065 kW
Emergency generator ..................... 1 x 150 kW
Bow thrusters (CT-200H) ................. 1 x 613 kW
Propeller ................................ 1 x FPP dia. 5.200 mm

E-PLANT 230 V/450 V
Power ........................................ 450 V, 60 Hz
Lighting ..................................... 230V, 60 Hz
Automation .................................. 250V, 60Hz / 24VDC

ACCOMMODATION
24 persons full HVAC in single cabins

CLASSIFICATION
LR, 100A1, liquefied gas carrier, Ship type 2G,
Methane(LNG) in independent tanks Type C,
Maximum specific gravity 0.5, Maximum vapour
pressure 4.0 bar, Minimum cargo temperature
minus 163°C, ShipRight, ACS(B), *WS, LI, ECO,
+LMC, IGS, LMS, PMRL, NAV1, + Lloyd’s FMC
(LG)** with descriptive notes, ShipRight, SWMP(T),
SOM, SERS, ETA
**Optional
Or equivalent