TECHNICAL SPECIFICATION

- Length over all, approx. ....... 137.0 m
- Deadweight, max. ............ 9,900 DWT
- Gross Tonnage .................. 12,300 GT
- Net Tonnage ..................... 3,700 NT
- Design Speed .................. 14.5 knots
- Operation ..................... “Worldwide”
- Main engine ................. 2-stroke Wärtsilä
  1 x 5,200 kW  SRT-Flex50DF
- Cargo capacity(100%) ............. 12,000 m³
- Daily fuel oil cons. (LNG) 
- Design draught .................. 13.5 t
- Scantling draught .............. 15.8 t

DESIGN HIGHLIGHTS

- Latest technology Dual Fuel Engines to operate on LNG in ECA zones (IMO Tier III) and HFO 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 oil consumption, high propulsive efficiency
- 2 x 6,000 m³ Cylindrical type C cargo tank
- Multigas carrier
- Capable of transport LNG, LPG, LEG and other Petrochemical gases
- Burn on LNG-cargo BOG
- LNG as fuel when transport Non-LNG cargos is optional
- Spaces for Scrubber & SCR reserved
- Verified by CCS AIP (approval in principle)
MAIN DIMENSIONS
Length over all, approx. 137.00 m
Length PP 129.30 m
Breadth moulded 22.40 m
Depth moulded, main deck 11.80 m
Draught, design 6.20 m
Draught, scantling 7.10 m
Deadweight (T = 7.1m) 9,900 t

SPEED
Speed (T = 7.1m) 14.5 knots

CAPACITIES
HFO capacity 800m³
FW capacity 200m³
Endurance (FO) 9,000 nm
Deck tank 160m³
LNG fuel tank (option) 280m³

SPECIAL EQUIPMENT
- Deepwell/booster pumps
- Cargo heating/vapourising equipment
- Reliquefaction unit for LPG/LEG
- Reliquefaction unit for LNG (option)
- Gas combustion unit (option)
- Nitrogen generator unit

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

ESDs
- Energo ProFin
- Mewis 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. hose crane
- Free fall lifeboats for 18 persons
- Life rafts for 18 persons
- Life raft for 6 persons

MACHINERY
Main engine (SRT Flex 50DF) 5,200 kW
Generator sets (6L20DF) 3 x 1,065 kW
Emerg. generator 1 x 150 kW
Bow thrusters (CT-200H) 1 x 813 kW
Propeller 1 x FPP, dia. 5,200 mm

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

ACCOMMODATION
18 persons full HVAC in single cabins

CLASSIFICATION
CCS ■ CSA, Liquefied Gas Carrier, Type 2G, Type
■ Independent Tank, Max. Pressure 0.52 MPa,
Min. Temperature -164°C, IGS, PSC(B), Loading
Computer(S, I, D), Clean, BWMS, In Water Surve
■ CSM, Aut-0, DFD
Or equivalent