**TECHNICAL SPECIFICATION**

Length over all, approx. .......... 84.7 m  
Draught, design (LNG) ............. 4.25 m  
Deadweight .......................... 2,000 DWT  
Gross Tonnage ...................... 3,900 GT  
Net Tonnage .......................... 1,170 NT  
Design Speed ....................... 12.0 knots  
Operation area ..................... “Worldwide”  
LNG cargo capacity ............... 3,000 m³  
MDF cargo capacity ............... 830 m³  
Gas cons. ............................. 7.5 t/day  
(at design speed)

**DESIGN HIGHLIGHTS**

- Latest technology Dual Fuel Engines to operate on LNG in ECA zones (IMO Tier III) and MGO outside at competitive fuel costs  
- Reduced emissions in LNG operation: SOx (100%), CO₂ (20%), NOx (80%)  
- Ballast water treatment plant compliant with the latest MARPOL V  
- Sewage and garbage handling fully compliant with MARPOL IV/V  
- 2x 1,500 m³ cylindrical IMO type C independent tank  
- Abt. 830 m³ of cargo capacity for marine distillate fuels (MDF)  
- Combined manifold for LNG or MDF cargo operations  
- Dual Fuel Diesel Electric (DFDE) with Azimuth thrusters  
- Verified by ABS AIP (approval in principle)
MAIN DIMENSIONS
Length over all, approx.................................. 84.70 m
Length PP ..................................................... 82.60 m
Breadth moulded............................................ 15.20 m
Depth moulded, to main deck......................... 8.00 m
Draught, design (Tg).......................................... 4.25 m
Draught, scantling (Ts)...................................... 4.45 m

SPEED
Design speed (Tg)........................................ 12 kts

CAPACITIES
LNG cargo tanks (100%)................................ 3,000 m³
BW capacity .................................................. 1,670 m³
FW capacity .................................................. 90 m³
MDF (MDO/MGO).......................................... 830 m³
LNG daytank (optional)................................. 40 m³

SPECIAL EQUIPMENT
• B.W. treatment unit (option)
• Re-liquefaction unit (option)
• BOG compressor
• Nitrogen generator unit
• Cargo handling system
• Fuel gas handling system

DECK’S MACHINERY
• 2x combined windlass/mooring winches fwd, 2x mooring winches aft, all auto- tension
• 1x telescopic knuckle boom deck crane
• 2x provision cranes
• 1x Free fall lifeboat

DECK’S EQUIPMENT
• Davit launched lifeboats for 13 persons
• Life rafts for 13 persons

ACCOMMODATION
• 13 persons full HVAC in single cabins

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

CLASSIFICATION
ABS +A1, +AMS, E, LIQUEFIED NATURAL GAS CARRIER (LNG), 0.5T/M3, 4BAR, SH, SHCM, DFD, RELIG, UWILD, TCM, ENVIR, +ACC, NBLES
Or equivalent

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