TECHNICAL SPECIFICATION

Length over all, approx........ 124.9 m
Draught, design ................ 6.60 m
Deadweight ..................... 7,200 DWT

Design Speed ................. 14.0 knots
Operation area .............. “Worldwide”

LNG cargo capacity .......... 10,000 m³
MDO/MGO storage capacity .. 2,400 m³

Gas cons (without load of SG) ........
..........................................................12.1 t/day
(15% SM, at design speed)

DESIGN HIGHLIGHTS

- Latest technology Dual Fuel Engines to operate on LNG in ECA zones (IMO Tier III) and MDO/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 5,000 m³ cylindrical IMO type C independent LNG cargo tanks
- Abt. 2,400 m³ of cargo capacity for marine diesel oil (MDO/MGO)
- Combined manifold for LNG or MDO/MGO cargo/fuel operations
MAIN DIMENSIONS
Length over all, approx. .............. 124.90 m
Length PP ................................ 117.20 m
Breadth moulded ..................... 22.40 m
Depth moulded, to upper deck ....... 11.80 m
Draught, design ....................... 6.60 m

SPEED
Design speed (Td) ..................... 14.0 kts

CAPACITIES
LNG cargo tanks (100%) .............. 10,000 m³
BW capacity ................................ 3,250 m³
FW capacity ............................. 150 m³
MDO/MGO capacity .................... 2,400 m³

SPECIAL EQUIPMENT
• B.W. treatment unit
• 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 hose handling deck crane
• 2x provision cranes
• 1x freefall lifeboat

DECK’S EQUIPMENT
• Davit launched lifeboats for 18 persons
• Life rafts for 18 persons

ACCOMMODATION
• 18 persons full HVAC in single cabins

PROPULSION PLANT
• 4-stroke Wärtsilä main engine
  1x 4,500 kWe Wärtsilä 9L34DF
• 4-stroke Wärtsilä generating sets
  2x 1,055 kWe Wärtsilä 6L20
• Shaft generator (PTO/PTI)
  1x 720 kWe
• 1x Emergency diesel, 150 kWe
• 1x Bow thruster 800kW

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

CLASSIFICATION
DNV GL +1A1 Tanker for Liquefied Gas, Ship type
2G (-163°C, 0.50 t/m³, 4.0 bar), GAS FUELLED,
E0, AP-1(10%), COAT-PSPC(B), NAUT-OC, LCS-
DC, Clean, BWMS, TMON, BIS, Recyclable
Or equivalent

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