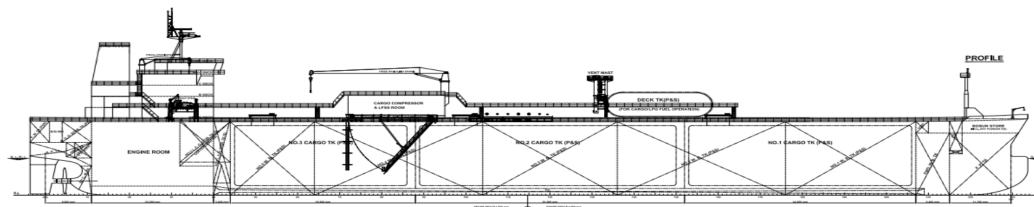


Hull No. 8438, 8439

45,000 m³ CLASS LPG/NH₃/VCM CARRIER



GENERAL	
Hull Type	Double Hull
Classification	Lloyds Register
Notation	ShipRight(SDA, FDA, CM, ACS(B)), IWS, LI, ECO(P,OW,GW,IBTS,EEDI-3),+LMC, UMS,BWTS,SPM4, +Lloyds RMC(LG), EGCN(SCR) with descriptive note ShipRight(SCM IHM-EU, BWMP(S,T)),SERS, LFPF(GC,PG)
Flag	Isle of Man
Complement	24 P + 6 Suez Crew
DIMENSIONS	
Length overall	abt 189.99M
Length Between Perpendicular	abt 183.7M
Breadth, moulded	abt 30.4M
Depth, moulded	abt 18.8M
Design draught, moulded (Td)	abt 9.4M
Scantling draught, moulded (Ts)	abt 10.4M
Deadweight at Td	abt 27,560MT
Deadweight at Ts	abt 32,560MT
TANK CAPACITIES (100%)	
Cargo	abt 45,000 m ³
Deck Tanks	abt 1,000 m ³
Light Fuel Oil	abt 1,300 m ³
Marine Gas Oil	abt 350 m ³
Fresh Water	abt 250 m ³
Ballast Water	abt 15,600 m ³
CARGO TANK	
Type	3 Prismatic Tanks (-48°C, 700kg/m ³ , 0.275 bar g) 2 Deck Tanks (-48°C, 972kg/m ³ , 8.0 bar g)
Intended Cargo	Anhydrous Ammonia, 1, 3-Butadiene, Butane (ISO & normal), Butylene, Propane, Commercial Propane (max. 2.5 mole % ethane in liquid phase), Propylene, Dimethyl Ether(at reduced filling limits), mixed C4, Butane-Propane mixture, VCM (at reduced filling limits), min temp -48 Deg C.
CARGO HANDLING SYSTEM	
Cargo Pump	Deepwell, 400 m ³ /h x 120 mlc x 4 sets 485 m ³ /h x 120 mlc x 2 sets
Cargo Heater/Vapourizer	485 m ³ /h x 1 set
Reliquefaction Plant	2 systems

WATER BALLAST SYSTEM

Ballast Pump	500 m ³ /h x 25 mTH x 2 sets
BWTS	Electrolysis or UV + Filter / 1,000 m ³ /h x 1 set

HULL OUTFITTING SYSTEM

Steering Gear	Rotary Vane Type
Deck Machinery	14 Mooring Drums

MAIN ENGINE

Model	HYUNDAI - MAN B&W 6G50ME-C9.6-LGIP-HPSCR
Nominal Rating	10,320 kW
MCR	7,670 kW
Service Speed (at Td, with 15% S.M.)	abt 16 kts

FUEL CONSUMPTION & RANGE (M/E ONLY)

D.F.O.C at NCR (Tier II Mode, LCV of 42,700kJ/kg)	abt 27.4 t/d
Cruising Range (L.F.O tanks) (Tier II Mode, LCV of 41,200kJ/kg)	abt 16,800 NM

ENERGY SAVING

Device Type	Full Spade Rudder with Bulb
Environmental Protection Compliance	- EEDI Phase 3 & EEXI - IMO NOx Tier III in ECA (M/E: HPSCR, G/E: LPSCR) - SOx Compliance by appropriate fuel operation

STEAM GENERATING PLANT

Composite Boiler	3,000 / 800kg/h x 1 set
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POWER SUPPLY

Generator	980 kW x 2 sets, 1,240 kW x 1 set
Emergency Generator	200 kW x 1 set

NAVIGATION

Equipment	ECDIS – 2 Gyro Compass – 2 Speed Log – 1 Auto Pilot – 1 Radar (ARPA) – 2 GPS Navigator – 2
Smart Ship Solution	HYUNDAI ISS (Integrated Smart-ship Solution) HiNAS (Hyundai intelligent Navigation Assistant System)
Cyber Resilience	IACS UR E26 & E27 compliant Cyber Security Solution