CELSIUS
LNG BUNKER TANKER



PRINCIPAL DIMENSIONS

Length Overall	:	112.76 m
Beam	:	19.00 m
Draught (Design)	:	6.00 m
Depth	:	10.00 m

DEADWEIGHT AND TONNAGE

DWT (at Design)	:	3900 t
GRT/NT	:	7840/2352 t

CAPACITIES

Cargo Capacity	:	7800 m³
Water Ballast	:	2600 m³
MGO	:	140 m³
Fresh Water	:	50 m³
Speed	:	14 knots

CARGO SYSTEM

Producer	:	TGE Marine
Cargo Tanks	:	1 x 4350 cbm Bi-Lobe Tank 1 x 3480 cbm Conical Bi-Lobe Tank
Design Temperature	:	-163 °C – 4,5 barg
Cargo Equipment	:	2 x Piston Type BOG Compressors 1 x Screw Type BOG Compressor 1 x 2000 kg/h GCU 4 x 250 cbm/h Cargo Pumps

BOW & AFT THRUSTER

Manufacturer	:	BERG
Bow Thruster	:	1 x 800 kW
Stern Thruster	:	1 x 500 kW

MAIN ENGINE

Manufacturer	:	Wartsila, Model 8L34DF
Design	:	Four (4) Stroke, Medium Speed
Output	:	1 x 4000 kW @750 rpm

PROPULSION PLANT

Manufacturer	:	BERG
Design	:	Four (4) Stroke, Medium Speed
Shaft Generator	:	1 x 1200 kW @1800 rpm (450V/60Hz)

DF LNG GENERATORS

Manufacturer	:	Wartsila, Model 6L20DF
Output	:	2 x 1100 ekW @1200 rpm (450V/60Hz)

BATTERY SYSTEM

Manufacturer	:	Corvus
Output	:	420 kWh Total Effective Power

CLASS

BV I ✠ HULL ✠ MACH, Liquefied Gas Carrier
(LNG, IMO Type 2G, -163 °C, 4,5 barg)
LNG Bunkering, LNG Dualfuel, CYBER RESILIENT,
Unrestricted Navigation, Electric Hybrid (PM, PB),
✠ AUT-UMS, ✠ SYS-NEQ1, Ice Class 1A, BWT,
MON-SHAFT, INWATERSURVEY, COMF-VIB 2,
COMF-NOISE 2 CLEANSHIP, GREEN PASSPORT EU