



Castillo de Merida / Castillo de Caldelas

LNG 178.818 m³ / 178.804 m³

OWNER: San Isidro LNG I B.V. / La Arena Navegación S.A

MANAGING: Empresa Naviera Elcano, S.A.

DELIVERED & BUILT IN	March 2018 / July 2018 – Imabari Shipbuilding Co. LTD (Japan)
FLAG	MALTA
IMO NUMBER	9742807 / 9742819
CALL SIGN	9HA4686 / 9HA4778
INMARSAT	870773251763 / 870773156579
CLASSIFICATION	Lloyd's Register +100A1 , Liquefied Gas Tanker , Ship Type 2G , Methane (LNG) in membrane tanks , Maximum vapour pressure 0.25 bar and Minimum cargo temperature -163°C , ShipRight (SDA, FDA Plus (40,ww) , CM, ACS(B)) , *IWS , LI , +LMC , UMS , ICC ECO(BWT, IHM) , +Lloyd's RMC (LG) , CCS , NAV1 , PSMR

MAIN PARTICULARS

Length Overall	296.9 m
Breadth	48.7 m
Depth	27.0 m
Deadweight / Draft (s)	93,100 / 12.4 m
Lightship	43,154 ton

CARGO HANDLING

Cargo Containment	Mark III Flex
B.O.R	0.1% IGC Conditions 0.09% ISO Conditions
Reliquefaction Plant	Full capacity – 4,900 m ³ /h
Cargo Pumps	8 x 2,050 m ³ /h at 160 mlc
Stripping/Spray Pumps	4 x 60 m ³ /h at 145 mlc
Fuel Gas Pump	3 x 13.5 m ³ /h at 160 mlc
HP Pumps	2 x 10.2 m ³ /h at 6,800 mlc
HP Compressor (w side stream)	2 x 2,963 kg/h at 300 bar
BOG Compressor	2 x 3,943 kg/h at 8 bar
High Duty Compressor	2 x 34,500 m ³ /h at 1.96 bar
Auxiliary Boilers	1 x Dual Fuel – 6,000kg/h 1 x Only fuel – 6,000 kg/h
Inert Gas	IGG 17,800 Nm ³ /h 2 x N ₂ generator 280 m ³ /h Membrane Type Purity: 97%

PROPULSION AND AUXILIARIES

Main Engine	2 x MAN B&W 7G70 ME-C9.2-GI; MCR: 17,810 kW at 70 rpm CSR: 14,260 kW at 66 rpm
Auxiliary Engines	4 x MAN 7L35/44DF; 3,570 kW at 720 rpm
Shaft Generator	2 X 2,150 kWe at 56 - 77 rpm
Main SWD	6.6 kV, 3-phases, 60 Hz
Propeller	FPP/ Ø7.6 / 6 blades
Economizer	2 x 715 Kg/h (HP side) & 930 kg/h (LP side)

BALLAST HANDLING

Ballast Pumps	3 x 3,500 m ³ /h
BWT System	Electrochlorination 1 x 7,000 m ³ /h

CARGO CAPACITY

Cargo Tanks (100%)	178,818 m ³ / 178,804 m ³
Cargo Tanks (98.5%)	176,136 m ³ / 176,122 m ³
Ballast Capacity	69,719 m ³

TONNAGE	Gross	Net
International	126,004	37,801
Suez Canal	128,921	107,730



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CARGO TANKS CAPACITIES

Cargo Tanks	Capacity m ³
1	24,232 m ³ / 24,258 m ³
2	51,542 m ³ / 51,547 m ³
3	51,529 m ³ / 51,483 m ³
4	51,497 m ³ / 51,516 m ³

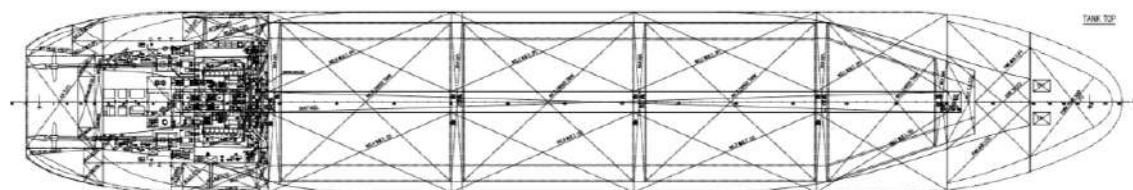
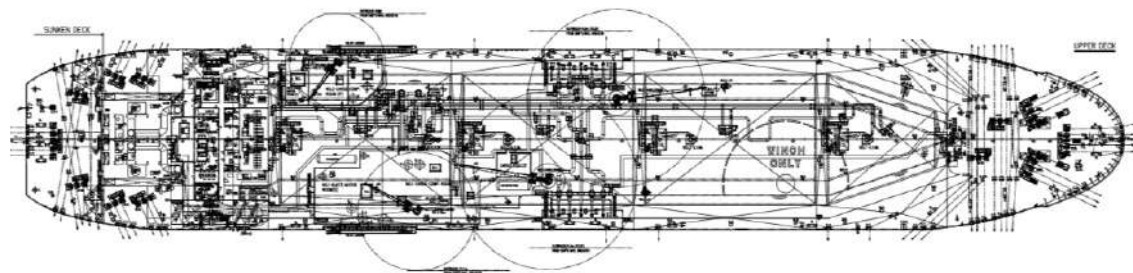
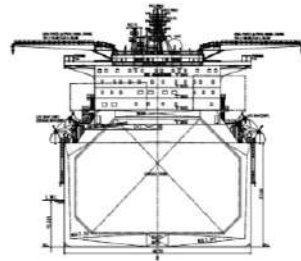
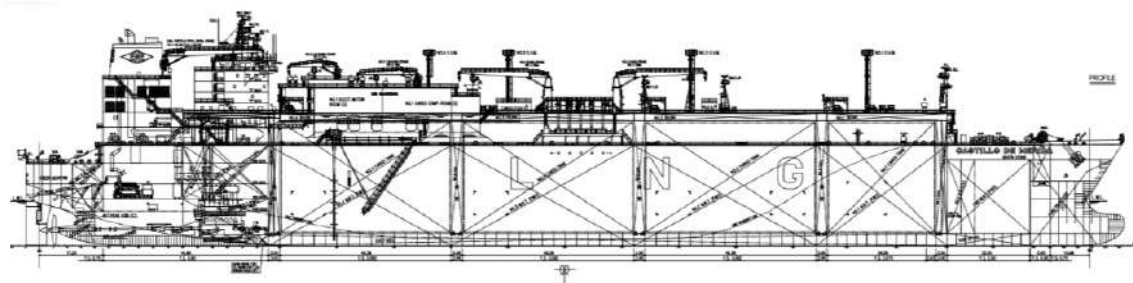
CRANES

Provision Crane	2 x 10 ton
Hose Handling Crane	2 x 10 ton

BALLAST TANKS CAPACITIES

Ballast Tanks	Capacity m ³
FWD (P)	4,049
FWD (S)	4,049
No.1 (S)	6,352
No.1 (P)	6,351
No.2 (S)	7,193
No.2 (P)	7,193
No.3 (S)	7,405
No.3 (P)	7,405
No.4 (S)	7,151
No.4 (P)	7,151
AFT (P)	1,325
AFT (S)	1,325
After Peak	2,650

Notice: Particulars are believed to be correct but not guaranteed and should not be considered as charter-party description.



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