



# Castillo de Santisteban

LNG 173,887 m<sup>3</sup>

IMO 9433717

**OWNER:** Empresa Naviera Elcano, S.A

## DELIVERED & BUILT IN

August 2010 - STX Offshore & Shipbuilding Co Ltd. (Republic of Korea) – H3008

## FLAG

MALTA

## CALL SIGN

9HA2217

## INMARSAT

421573910 / 421573911

## CLASSIFICATION

Bureau Veritas I  $\boxtimes$  HULL,  $\boxtimes$  MACH Liquefied Gas Carrier; Unrestricted Navigation + Veristar – HULL DFL 40 years; +AUT-UMS +AUT-CCS; AUT-PORT; +SYS-NEQ-1; MON-SHAFT; CLEANSHIP (C); UNWATERSURVEY GREEN PASSPORT

## MAIN PARTICULARS

Length Overall	299.90 m
Breadth	45.80 m
Depth	26.00 m
Deadweight / Draft (s)	93,796 / 12.50 m
Lightship	35,190 ton

## CARGO HANDLING

Cargo Containment	NO96
B.O.R	0.15%
Cargo Pump	8 x 2,050 m <sup>3</sup> /h at 160 mlc
Stripping/Spray Pump	4 x 70 m <sup>3</sup> /h x 155 mlc
Fuel Gas Pump	4 x 14 m <sup>3</sup> /h at 240 mlc
Emergency Cargo Pump	1 x 550 m <sup>3</sup> /h at 160 mlc
Low Duty Compressor	2 x 4,100 m <sup>3</sup> /h at 6.5 bar
High Duty Compressor	2 x 35,000 m <sup>3</sup> /h at 1.96 bar
Inert Gas	IGG 17,100 Nm <sup>3</sup> /h 3 x N <sub>2</sub> generator 140 Nm <sup>3</sup> /h Membrane Type   Purity: 97%

## PROPULSION AND AUXILIARIES

Main Generator	DFDE – 5 x MAN 8L51/60DF 8,000 kW at 514 rpm
Electric Motor	2 x ABB AMZ 1120XV08 LSF 15,000 kW at 675 rpm
Turbo Generator	Design 1,900 kW   Max 2,200 kW
Main SWB	6.6 kV, 3-phases, 60 Hz
Propeller	FPP / $\Phi$ 8.70 m / 5 blades
Bow Thruster	2,000 kW
Auxiliary Boilers	1 x Dual Fuel – 16,000 kg/h 1 x Only Fuel – 8,000 kg/h
DFDE Economizer	5 x 100 kg/h (HP side) & 700 kg/h (LP side)

## CARGO CAPACITY

Cargo Tanks (100%/98.5%)	173,887 m <sup>3</sup> / 171,278 m <sup>3</sup>
Ballast Capacity	61,243 m <sup>3</sup>

## BALLAST HANDLING

Ballast Pumps	3 x 3,300 m <sup>3</sup> /h
BW Treatment System	Electrochlorination 2 x 3,300 m <sup>3</sup> /h



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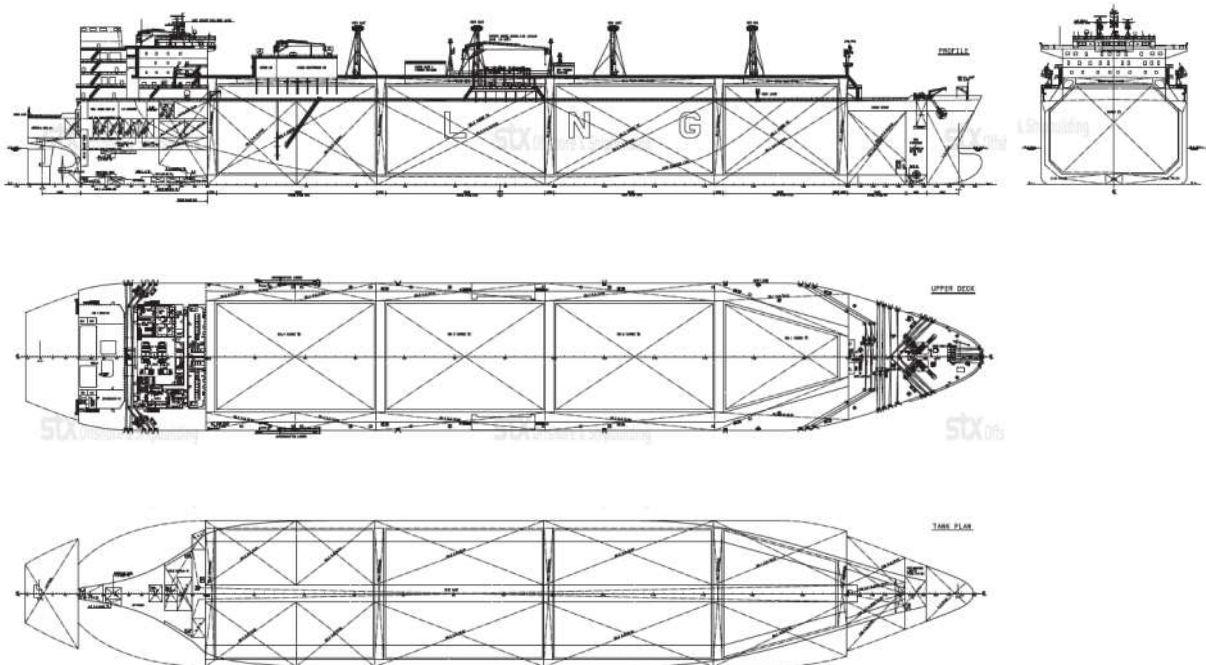
TONNAGE	Gross	Net
International	111,665	34,800
Suez Canal	114,445	103,052

CARGO TANKS CAPACITIES		
Cargo Tanks	Capacity m <sup>3</sup> (100%)	Capacity m <sup>3</sup> (98.5%)
1	25,610 m <sup>3</sup>	25,250 m <sup>3</sup>
2	49,423 m <sup>3</sup>	48,681 m <sup>3</sup>
3	49,414 m <sup>3</sup>	48,673 m <sup>3</sup>
4	49,414 m <sup>3</sup>	48,673 m <sup>3</sup>

CRANES	
Provision Crane	2 x 10 ton
Hose Handling Crane	2 x 15 ton

BALLAST TANKS CAPACITIES	
Ballast Tanks	Capacity m <sup>3</sup>
Fore Peak	1,547
FWD (P)	1,701
FWD (S)	1,701
No.1 (S)	6,596
No.1 (P)	6,596
No.2 (S)	6,764
No.2 (P)	6,764
No.3 (S)	6,912
No.3 (P)	6,912
No.4 (S)	3,242
No.4 (P)	3,242
No.5 (S)	3,274
No.5 (P)	3,274
E/R (P)	880
E/R (S)	948
After Peak	883

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



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