



Castillo de Villalba

LNG 138,162 m³

IMO 9236418

OWNER:	Villalba LNG Shipping Limited	MANAGING:	Empresa Naviera Elcano, S.A.
DELIVERED & BUILT IN	October 2003 – Izar Construcciones Navales, S.A. - Puerto Real Shipyard (Spain)		
FLAG	MALTA		
CALL SIGN MMSI	9HA5928 256664000		
INMARSAT C	Tel. 425666410		
CLASSIFICATION	Lloyd’s Register ⚓ 100 A1 , Liquefied Gas Tanker , Shiptype 2 G , Methane in membrane tanks , Max. pressure 0.25 bar , Min. temperature – 163°C , +LMC , UMS , PORT , SDA , IWS , SCM , LI , FDA , NAV1 , IBS , ES , TCM , CCS		

MAIN PARTICULARS

Length Overall	284.4 m
Breadth	42.5 m
Depth	25.4 m
Deadweight / Draft (s)	77,204 / 12.318 m
Lightship	29,686 ton

CARGO HANDLING

Cargo Containment	NO96
B.O.R	0.15%
Cargo Pump	8 x 1,700 m ³ /h at 150 mlc
Stripping/Spray Pump	4 x 50 m ³ /h at 145 mlc
Emergency Cargo Pump	1 x 550 m ³ /h at 160 mlc
Low Duty Compressor	2 x 8,000 m ³ /h at 1.96 barg
High Duty Compressor	2 x 30,000 m ³ /h at 1.96 barg
Inert Gas	IGG 15,000 Nm ³ /h 2 x N ₂ generator 120 Nm ³ /h Membrane Type Purity: 97%

TONNAGE	Gross	Net
International	90,835	27,251
Suez Canal	96,326	81,302

PROPULSION AND AUXILIARIES

Main Boilers	2 x Mitsubishi MB-4E Evaporating 65,000 kg/h 61.8 kg/cm ² at 515°C superheated
Steam Turbine	Kawasaki – 28,000 kW at 83 rpm Max Power Limited (EEI): 17,556 kW HP turbine: 5th stage. 4,777 rpm LP turbine: 3rd stage. 3,153 rpm
Auxiliary Engine	2 x Turbogenerator MHI 3,150 kWe 1 x Wärtsilä 9R32LND 3,150 kWe
Main SWB	3,3 kV , 3-phases, 60 Hz
Propeller	FPP / Ø 8.75 m / 5 blades
Bow Thruster	1,835 kW

CARGO CAPACITY

Cargo Tanks (100%/98.5%)	138,162 m ³ / 136,090 m ³
Ballast Capacity	49,675 m ³

BALLAST HANDLING

Ballast Pumps	3 x 2,500 m ³ /h
BWT System	Electrochlorination (No Filter) 2 x 2,500 m ³ /h



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CARGO TANKS CAPACITIES

Cargo Tanks	Capacity (100%)	Capacity (98.5%)
1	22,685 m ³	22,345 m ³
2	40,091 m ³	39,490 m ³
3	40,123 m ³	39,521 m ³
4	35,210 m ³	34,806 m ³

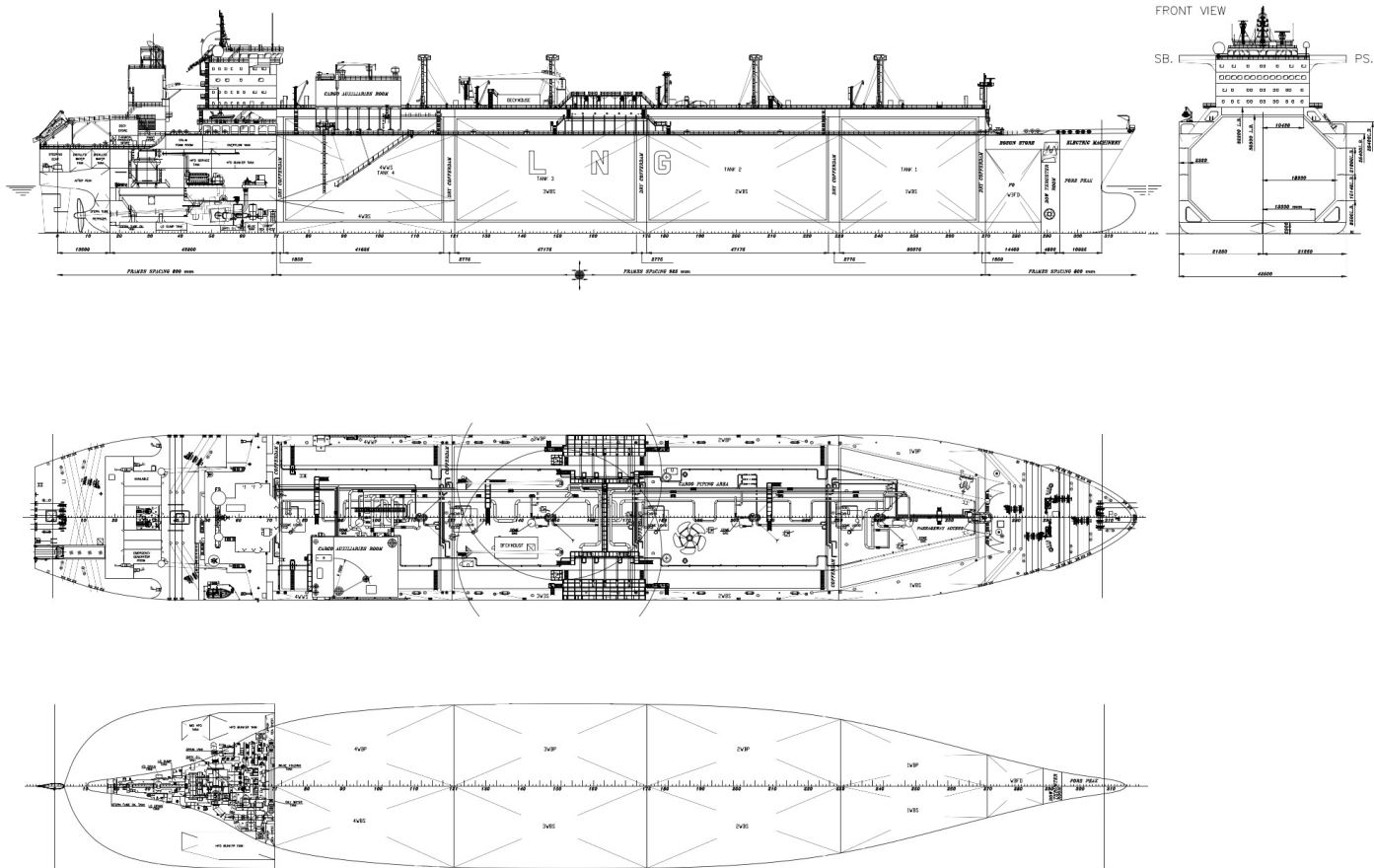
CRANES

Provision Crane	2 x 12 ton
Hose Handling Crane	2 x 12 ton

BALLAST TANKS CAPACITIES

Ballast Tanks	Capacity m ³
Fore Peak	2,021
No.1 (P)	4,638
No.1 (S)	4,638
No.2 (P)	6,065
No.2 (S)	6,065
No.3 (P)	6,524
No.3 (S)	6,524
No.4 (P)	3,321
No.4 (S)	3,321
After Peak	2,324

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



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