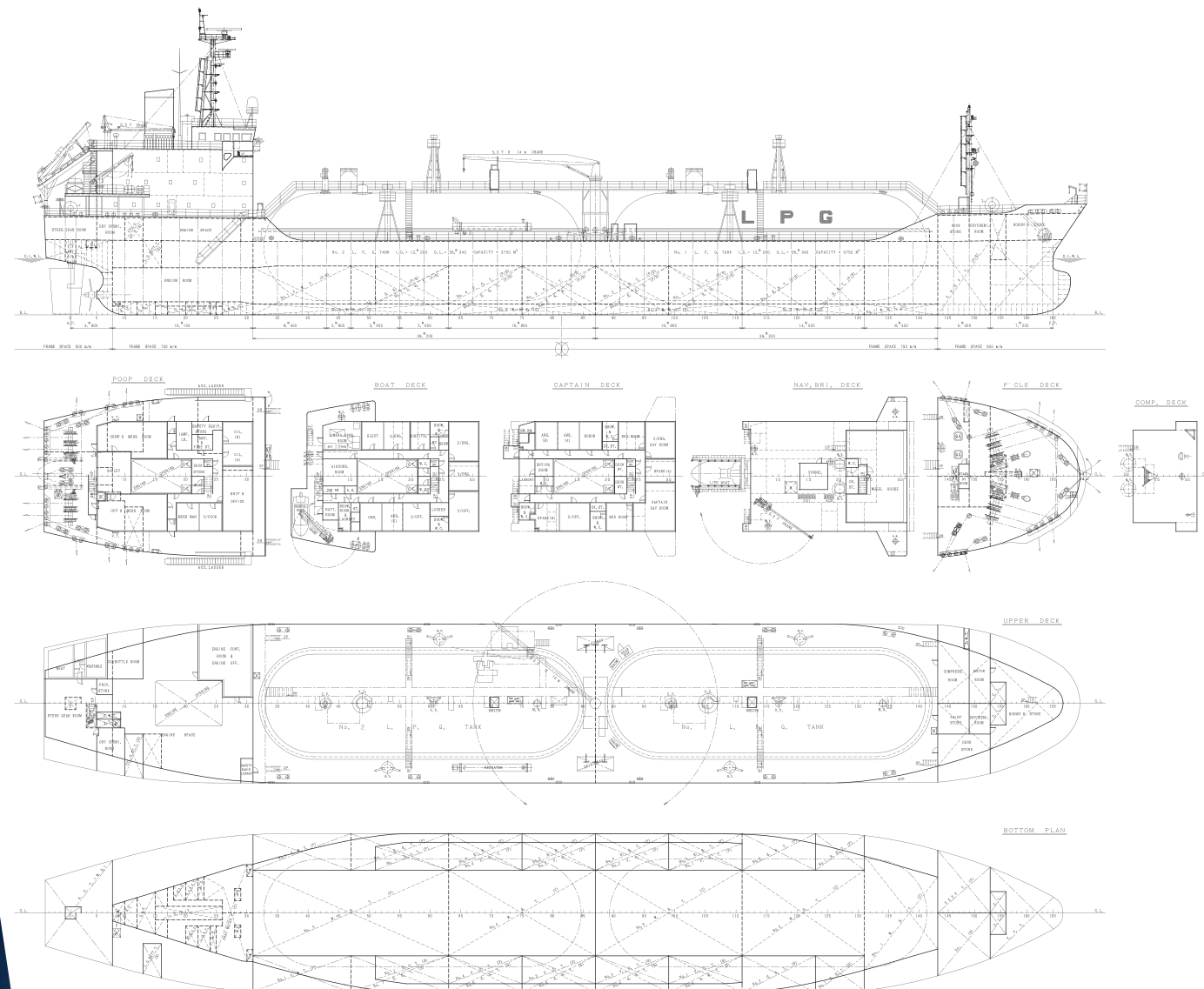


GAZ HORIZON

GENERAL CHARACTERISTICS



GENERAL CHARACTERISTICS

Owners:	HORIZON LPG SHIPPING S.A.
Built:	Murakami Hide Shipbuilding Co. Ltd.
Flag:	MASHALL ISLANDS
Class:	ABS
Call Sign:	7VMY8
GRT/NRT:	
International:	5,841 / 2,097
Suez:	6,295.03/5,231.33
Panama:	20.409
IMO:	9572563
USCG:	YES
RINA:	N/A
MOT:	YES
LOA:	119.29 m
LBP:	112.50 m
Breadth Moulded:	18.20 m
Depth Moulded:	8.40 m
DWT, Summer:	6.519 Mtons
Draft, Summer:	6.464 m
Draft, Propane:	6.76 m
Main Engine:	Vertical 2-cycle, Cross Head type, Diesel Engine HITACHI MAN B&W 8S35MC (Mark 6.1)
Maximum Power:	4.550 Kw at 210 rpm
Fuel Grade:	ISO 8217:2005 RMG380
Consumption/day:	18.0 tons
Speed (Average):	14.0 knots
Auxiliaries:	Vertical 4-cycle, Single Acting, Trunk Piston type diesel engine, YANMAR 6N165L-UN
Power:	441 KW x 1200 rpm
Total Available:	882 KW
Grade/Consumption:	ISO 8217:2017 LS MGO 0.9 Tons
Bunker Capacity:	IFO: 577 cbm (98%) MDO: 143.7 m³

Particulars herein believed to be correct but not guaranteed

Date: 26/03/2018

CARGO PLANT AND HANDLING EQUIPMENT

MARVS:	1.77 Mpa
Min.Temperature:	-10°C
Max.Specific Gravity:	0,966
Max.Vacuum:	Atmospheric
Cargo Pumps:	Tow (2) Electric Motor Driven Deep Well Vertical, Centrifugal, Multi-stage design Hamworthy Kse Svanehoj A/S, 450 m³/hr x 120m
Cargo Compressors:	Tow (2) Vertical single bore, double acting, water cooled, one stage, 460 m³/hr
Cargo Heater:	Horizontal Shell and Tube, 620 m³/hr from -42 deg. Celsius to -10°C. Celsius at Sea Water Temperature +18°C
Booster Pumps:	N/A
Deck Tanks:	N/A
Inert Gas Plant:	PSA Nitrogen Plant Air Products, dew point -50°C. Celsius, 185 m³/hr
Cargo Vaporizer:	N/A
Bow Thruster:	N/A
Cargo Manifolds:	Vapour - Liquid - Vapour, Liquid Line 10" ANSI 300lb Vapour line 6" ANSI 300lb

INDICATIVE CAPACITIES OF CARGO TANKS

			N-BUTANE	C-PROPANE	BUTADIENE
TANK No.	CAPACITY (K/L)		S.G. 0.602	S.G. 0.585	S.G. 0.610
	100%	98%	T°C -0.5	T°C -48.3	T°C -4.5
No1	3768.057	3692.696	2,024.65	1,695.58	2,168.21
No2	3768.470	3693.100	2,024.87	1,696.27	2,176.90
TOTAL	7536.527 m³	7385.796 m³	4,049.52 mtns	3,391.85 mtns	4,345.11 mtns

GAZ HORIZON / NAFTOMAR