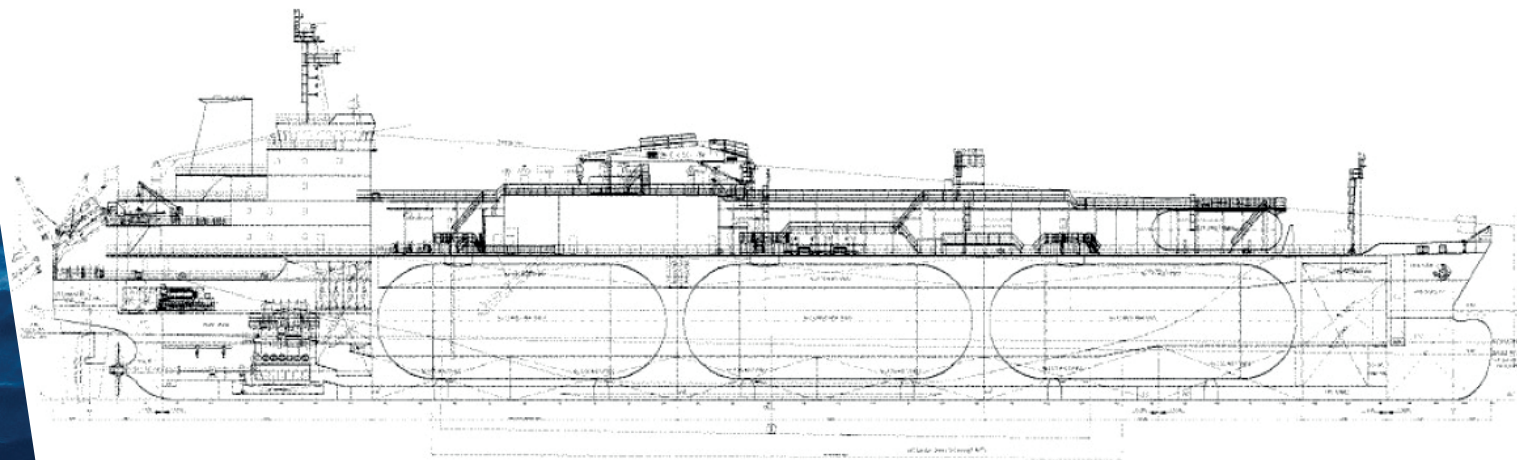


GAZ SYNERGY

GENERAL CHARACTERISTICS



GENERAL CHARACTERISTICS

Owners:	NEW SHIPPING & TRADING CO. S.A., PANAMA
Built:	Yangzhou Dayang Shipbuilding Co., Ltd, CHINA
Flag:	PANAMANIAN
Class:	BV
Call Sign:	3FTO4
GRT/NRT:	
International:	15,314 / 4,782
Suez:	16,720.36 / 14,303.26
Panama:	12,833
IMO:	9458157
USCG:	YES
RINA:	N/A
MOT:	YES
LOA:	154.83 m
LBP:	146.80 m
Breadth Moulded:	23.10 m
Depth Moulded:	12.70 m
DWT, Summer:	17,740 mtons
Draft, Summer:	9.6 m
Draft, Propane:	8.6 m
Main Engine:	Vertical 2-cycle, Cross Head type, Diesel Engine HHM MAN B&W 6S50MC-C (Mark 7)
Maximum Power:	9,480 kw at 127 rpm
Fuel Grade:	ISO 8217:2005 RMG380
Consumption/day:	35 tons
Speed (Average):	16.1 knots
Auxiliaries:	Vertical 4-cycle, Single Acting, Trunk Piston type Diesel Engine, ZHENJIANG CME-MAN B&W 7L23/30H
Power:	1,120 kw x 900 rpm
Total Available:	3,360 kw
Grade/Consumption:	ISO 8217:2005 RMG380 / 3.0 tons/day
Bunker Capacity:	IFO: 1,522 m³, MDO: 144 m³ (98%)

Particulars herein believed to be correct but not guaranteed

Date: 05/12/2016

CARGO PLANT AND HANDLING EQUIPMENT

MARVS:	5.8 bar. G
Min.Temperature:	-48°C
Max.Specific Gravity:	0.972
Max.Vacuum:	-0.25 bar. G
Cargo Pumps:	Six (6), Electric Motor Driven Deep Well Vertical, Centrifugal, Multi-stage design Hamworthy Kse Svanehoj A/S, 250 m³/hr x 120 m
Cargo Compressors:	Three (3), Vertical Two Stage Piston Oil Free type Burckhardt Compression AG, 2K160-2H
Cargo Heater:	Horizontal Shell and Tube, 500 cm³/hr from -48° to 0° at Sea Water Temperature +15°C
Booster Pumps:	2 set Horizontal Centrifugal Hamworthy Kse Svanehoj A/S NMB 150C, 250 m³/hr x 120 m l.c.
Deck Tanks:	180 m³ cylindrical
Inert Gas Plant:	PSA Nitrogen Plant TGE, dew point -50° discharge pressure 6 bar. G, 1,200 Nm³/hr
Cargo Vaporizer:	YES
Bow Thruster:	N/A
Cargo Manifolds:	Liquid-Vapour-Vapour-Liquid Liquid Line 10"/8" ANSI 300lb Vapour line 8"/6" ANSI 300lb

INDICATIVE CAPACITIES OF CARGO TANKS

			BUTANE	PROPANE	AMMONIA	BUTADIENE
TANK No.	CBM 100%	S.G.	0.605	0.582	0.644	0.653
		T°C	-0,5	-42	-33,4	-5
1 P&S	5,149.10		3,052.9	2,936.8	3,441.4	3,295.1
2 P&S	5,715.73		3,388.8	3,260.0	3,820.2	3,657.7
3 P&S	5,709.21		3,385.0	3,256.3	3,815.8	3,653.5
TOTAL	16,547.04		9,826.7 mtns	9,453.1 mtns	11,077.4 mtns	10,606.3 mtns

GAZ SYNERGY / NAFTOMAR