

Gas Carrier
SYN TURAIS

Type of Ship	LPG Carrier
Year	2007
Flag	Italian
Builder	Cantieri Navali, Pesaro
Class Society	RINA
Class Notation	C+ Liquefied gas carrier - unrestricted navigation
Additional Notation	+AUT-PORT; +AUT-UMS; INWATERSURVEY; MON-SHAFT
IMO Number	9346914

All data believed to be correct, but not guaranteed

GAS CARRIER Syn Turais - technical data

GENERAL INFO

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MAIN DATA

LOA	95.5	mt
LBP	86,35	mt
Breadth	15.5	mt
Depth Mould	8	mt
K.T.M.	31	mt
Air Draught (normal ballast)		
26 mt		
Summer draught	6.5	mt
Corresponding DWT	4026 - MT	mt
Loaded Displacement	6379 - MT	
Light Displacement	2353 - MT	
TPC on Summer Draught	12.3 - MT	
Int. GRT	3287	
Int. NRT	1148	
Suez GRT	4176	
Suez NRT	3106	

BUILT

Shipyard	
Cantieri Navali, Pesaro	
Delivery Date	29/06/2007

MAIN ENGINE

Type	MAN B&W
Power	2380 - Kw
Fuel Grade	IFO 180

AUXILIARY ENGINE

Number	3
Type	VOLVO PENTA TAMD 165 A
Power	400 - Kw
Fuel Grade	Gasoil

SHAFT GEN.

Shaft Gen.	600 - Kw

BOW THRUSTER

Type	Brumvoll
Power	300 - Kw

PROPELLER

Type	Pitch

BUNKER

Capacity FO 100%	319	cbm
Capacity GO 100%	116	cbm

BALLAST

Capacity	1541	cbm
Number of Pumps	3	
Pumping Capacity	250 - cbm/hr	

LOADING

Capacity cbm/hr	max 500 - cbm/hr

DISCHARGING

Capacity cbm/hr	max 400 - cbm/hr

FRESH WATER

Capacity of Tanks	80 - MT
Generated per Day	7 - MT

CROSSOVER

Distance Liquid 1 from bow	
52.16 mt	
Distance Liquid 1 from stern	
43.04 mt	
Distance Vapour 1 from bow	
53.38 mt	
Distance Vapour 1 from stern	
41.81 mt	
Distance Liquid 2 from bow	
55.86 mt	
Distance Liquid 2 from stern	
39.35 mt	
Distance Vapour 2 from bow	
54.61 mt	
Distance Vapour 2 from stern	
40.58 mt	

DISTANCE MANIFOLD

From Grating	1.1	mt
From Ship's Rail	1.3	mt
From Main Deck	4.8	mt
Abow W/L SDWT	5.2	mt
Abow W/L Ballast	6.9	mt

PARALLEL BODY LENGHT

At Summer Draught	54	mt
At Ballast Draught	45	mt

CARGO TANKS

Number	2
Type	Tyoe C Cylindric
Max tank press IMO	8 - barg
Max tank press USCG	5 - barg
Max Vacuum	-0.25 - barg
Min. Temp.	-48 - Â°C
Max Density/S.G.	0.97

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TANKS CAPACITY		
100%	4.007,1	cbm
TK1	1.955,2	cbm
TK2	2.051,9	cbm

CARGO SEGREGATION	
Number of Grades	2
List of Segregation	1-2

CARGO PUMPS	
Type	Deepwell Swanehoy
Number	2
Capacity	250 - cbm/hr
M.L.C.	120
Max Density/S.G.	0.97

BOOSTER PUMP	
Number	1
Capacity	250 - cbm/hr
M.L.C.	120
Max Density/S.G.	0.68

CARGO HEATER	
Number	1
Heating Medium	sea water
Capacity (sea water 15Ã?Â°C)	370 - cbm/hr

CARGO COMPRESSORS	
Number	2
Type	Sulzer K140-2F/S/i

CRANE	
Number (Hoisting Hoses)	1 - cn
SWL	3 - MT

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