



## 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

**GENERAL INFO**

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

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

**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 -	Å°C
Max Density/S.G.	0.97	

### 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 15Å?Å°C)	370 - cbm/hr

### CARGO COMPRESSORS

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

### CRANE

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