



## Gas Carrier SYN ANTARES

Type of Ship	Ethylene Carrier
Year	2014
Flag	Italian
Builder	Stocznia Gdansk Poland
Class Society	RINA
Class Notation	C* Liquefied gas carrier; unrestricted navigation
Additional Notation	*AUT-PORT; *AUT-UMS; *AVM-APS; CLEAN-SEA; INWATER SURVEY; MON-SHAFT
IMO Number	9512848

**GENERAL INFO**

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**MAIN DATA**

LOA	122.87 mt
LBP	115.50 mt
Breadth	19 mt
Depth Mould	9.5 mt
K.T.M.	34.30 mt
Air Draught (normal ballast)	27.80
Summer draught	8.0 mt
Corresponding DWT	9230 - MT
Loaded Displacement	13226.60 - MT
Light Displacement	3996.40 - MT
TPC on Summer Draught	19.85 - MT
Int. GRT	7610
Int. NRT	2506
Suez GRT	8763
Suez NRT	7450

**BUILT**

Shipyard	Stocznia Gdansk Poland
Delivery Date	16/05/2014

**CLASS**

RINA/BV	RINA 85215
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**MAIN ENGINE**

Type	Wartsila W9L32
Power	4500 - Kw
Fuel Grade	IFO 380

**AUXILIARY NENGINE**

Number	4
Type	VOLVO PENTA D34 AMS
Power	761 - Kw
Fuel Grade	Gasoil

**SHAFT GEN.**

Shaft Gen.	1104 - Kw
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**BOW THRUSTER**

Type	JASTRAM BU60
Power	450 - Kw

**PROPELLER**

Type	Pitch
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**BUNKER**

Capacity FO 100%	650 cbm
Capacity GO 100%	184 cbm

**BALLAST**

Capacity	3334.73 cbm
Number of Pumps	3
Pumping Capacity	600 - cbm/hr

**LOADING**

Capacity cbm/hr	max 1000 - cbm/hr
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**DISCHARGING**

Capacity cbm/hr	1000 - cbm/hr
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**FRESH WATER**

Capacity of Tanks	195 - MT
Generated per Day	7 - MT

**CROSSOVER**

Distance Liquid 1 from bow	63.15
Distance Liquid 1 from stern	59.85
Distance Vapour 1 from bow	64.38
Distance Vapour 1 from stern	58.63
Distance Liquid 2 from bow	66.87
Distance Liquid 2 from stern	56.13
Distance Vapour 2 from bow	65.63
Distance Vapour 2 from stern	57.38

**DISTANCE MANIFOLD**

From Grating	1.25 mt
From Ship's Rail	2.70 mt
From Main Deck	6.05 mt
Abow W/L SDWT	7.55 mt
Abow W/L Ballast	9.05 mt

**PARALLEL BODY LENGHT**

At Summer Draught	71 mt
At Ballast Draught	54 mt

**CARGO TANKS**

Number	2
Type	Type C - x12 n15 steel en 10028-4
Max tank press IMO	5.7 - barg

Max tank press USCG	5.7 - barg
Max Vacuum	-0.75 - barg
Min. Temp.	-104Å°C - Å°C
Max Density/S.G.	0.97

#### TANKS CAPACITY

100%	8997 cbm
TK1	4383 cbm
TK2	4614 cbm

#### CARGO SEGREGATION

Number of Grades	2
List of Segregation	2

#### CARGO PUMPS

Type	Deepwell
Number	4
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.	0.69

#### CARGO HEATER

Number	1
Heating Medium	Sea water exchange
Capacity	400 (sea water 25Å°C) - cbm/hr

#### CARGO COMPRESSORS

Number	2 + 2
Type	Sulzer + Howden

#### CRANE

Number (Hoisting Hoses)	1 - cn
SWL	4.0 - MT