

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

All data believed to be correct, but not guaranteed

GAS CARRIER Syn Antares - technical data

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 mt		
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

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

BOW THRUSTER

Type	JASTRAM BU60
Power	450 - Kw

PROPELLER

Type	Pitch

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

DISCHARING

Capacity cbm/hr	1000 - cbm/hr

FRESH WATER

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

CROSSOVER

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

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

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Max tank press USCG	5.7 - barg
Max Vacuum	-0.75 - barg
Min. Temp.	-104Â°C - Â°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 25Â°C) - cbm/hr	

CARGO COMPRESSORS

Number	2 + 2
Type	Sulzer + Howden

CRANE

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

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