



## Gas Carrier SYN ACRAB

Type of Ship	Ethylene Carrier
Year	2003
Flag	Italian
Builder	Cantieri Navali, Pesaro
Class Society	RINA/BV
Class Notation	C+ Liquefied gas carrier - unrestricted navigation
Additional Notation	+AUT-IMS; +AUT-PORT; +AUT-UMS; CLEAN-SEA; INWATERSURVEY; MON-SHAFT; STAR-HULL-NB
IMO Number	9251781

**GENERAL INFO**

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**MAIN DATA**

LOA	122,86	mt
LBP	115,5	mt
Breadth	19,05	mt
Depth Mould	9,5	mt
K.T.M.	34,50	mt
Air Draught (normal ballast)	28,50	
Summer draught	8,00	mt
Corresponding DWT	9,352	mt
Loaded Displacement	13,221	mt
Light Displacement	3,869	mt
TPC on Summer Draught	20,6	mt
Int. GRT	7605	
Int. NRT	2527	
Suez GRT	8800	
Suez NRT	7450	

**BUILT**

Shipyard	Cantieri Navali, Pesaro
Delivery Date	30/10/2003

**CLASS**

RINA/BV	100 A1-1/NAV. I.L CST
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**MAIN ENGINE**

Type	MAK 9M32C
Power	4320 - Kw
Fuel Grade	IFO 180/380

**AUXILIARY ENGINE**

Number	3
Type	CAT 3508 BTDA
Power	900 - Kw
Fuel Grade	Gasoil

**SHAFT GEN.**

Shaft Gen.	1200 - Kw
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**BOW THURSTER**

Type	Rolls Royce
Power	400 - Kw

**PROPELLER**

Type	Pitch
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**BUNKER**

Capacity FO 100%	610	cbm
Capacity GO 100%	192	cbm

**BALLAST**

Capacity	3568	cbm
Number of Pumps	2	
Pumping Capacity	400 -	cbm/hr

**LOADING**

Capacity cbm/hr	max 800 -	cbm/hr
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**DISCHARGING**

Capacity cbm/hr	max 800 -	cbm/hr
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**FRESH WATER**

Capacity of Tanks	195	MT
Generated per Day	7	MT

**CROSSOVER**

Distance Liquid 1 from bow	62.51
Distance Liquid 1 from stern	60.36
Distance Vapour 1 from bow	63.76
Distance Vapour 1 from stern	59.09
Distance Liquid 2 from bow	66.62
Distance Liquid 2 from stern	56.59
Distance Vapour 2 from bow	65.01
Distance Vapour 2 from stern	57.84

**DISTANCE MANIFOLD**

From Grating	1,2	mt
From Ship's Rail	2,1	mt
From Main Deck	6,0	mt
Abow W/L SDWT	7,5	mt
Abow W/L Ballast	9,0	mt

**PARALLEL BODY LENGHT**

At Summer Draught	71	mt
At Ballast Draught	54	mt

**CARGO TANKS**

Number	2
Type	Type C
Max tank press IMO	5.7 - barg
Max tank press USCG	4.1 - barg

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

## TANKS CAPACITY

100%	9033.23	cbm
TK1	4408.16	cbm
TK2	4625.07	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.	0.68

## CARGO HATER

Number	1
Heating Medium	sea water
Capacity (sea water 15Å?Å°C)	370 - cbm/hr

## CARGO COMPRESSION

Number	2
Type	Sulzer Howden

## CRANE

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