

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

All data believed to be correct, but not guaranteed

GAS CARRIER Syn Acrab - technical data

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 mt		
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

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

BOW THURSTER

Type	Rolls Royce
Power	400 - Kw

PROPELLER

Type	Pitch

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

DISCHARGING

Capacity cbm/hr	max 800 - cbm/hr

FRESH WATER

Capacity of Tanks	195 MT
Generated per Day	7 MT

CROSSOVER

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

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

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Max Vacuum	-0.75 - barg	
Min. Temp.	-104 - Â°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 15Ã?Â°C) 370 - cbm/hr	

CARGO COMPRESSION

Number	2
Type	Sulzer Howden

CRANE

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

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