



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

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
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