



SYNERGAS



GAS CARRIER SYN ZOSMA

Type of Ship	LPG Carrier
Year	1999
Flag	Italian
Builder	Cantieri Navali, Pesaro
Class Society	RINA
Class Notation	+100-A-1.1-Nav IL; Cst (gas);p.max=8bar; t.min=-48Â°C
Additional Notation	IAQ-1;IIQ;IWS;P;TMS
IMO Number	9177466



GENERAL INFO

Type of Ship	LPG Carrier
Year	1999
Flag	Italian
Builder	Cantieri Navali, Pesaro
Class Society	RINA
Class Notation	+100-A-1.1-Nav IL; Cst (gas);p.max=8bar; t.min=-48Â°C
Additional Notation	IAQ-1;IIQ;IWS;P;TMS
IMO Number	9177466

MAIN DATA

LOA	95.2 mt
LBP	86 mt
Breadth	15.5 mt
Depth Mould	8 mt
K.T.M.	31.00 mt
Air Draught (normal ballast)	26 mt
Summer draught	6.5 mt
Corresponding DWT	4,113 MT
Loaded Displacement	2,266 MT
Light Displacement	6,379 MT
TPC on Summer Draught	12.3 MT
Int. GRT	3819
Int. NRT	1145
Suez GRT	4235
Suez NRT	3176

BUILT

Shipyard	Cantieri Navali, Pesaro
Delivery Date	25/02/1999

MAIN ENGINE

Type	MAN 9L-28-32A
Power	2200 Kw
Fuel Grade	IFO 180

AUXILIARY ENGINE

Number	3
Type	MAN D2840 LE
Power	270 Kw
Fuel Grade	Gasoil

SHAFT GEN.

Shaft Gen.	NO Kw
------------	-------

BOW THRUSTER

Type	Brumvoll
Power	300 Kw

PROPELLER

Type	Pitch
------	-------

BUNKER

Capacity FO 100%	209 cbm
Capacity GO 100%	95 cbm

BALLAST

Capacity	1688 cbm
Number of Pumps	3
Pumping Capacity	250 cbm /hr

LOADING

Capacity cbm/hr	max 500 cbm /hr
-----------------	-----------------

DISCHARGING

Capacity cbm/hr	max 400 cbm /hr
-----------------	-----------------

FRESH WATER

Capacity of Tanks	72 MT
Generated per Day	7 MT

CROSSOVER

Distance Liquid 1 from bow	52.16 mt
Distance Liquid 1 from stern	43.04 mt
Distance Vapour 1 from bow	53.38 mt
Distance Vapour 1 from stern	41.81 mt
Distance Liquid 2 from bow	55.86 mt
Distance Liquid 2 from stern	39.35 mt
Distance Vapour 2 from bow	54.61 mt
Distance Vapour 2 from stern	40.58 mt

DISTANCE MANIFOLD

From Grating	1.1 mt
From Ship's Rail	1.3 mt
From Main Deck	4.8 mt
Abow W/L SDWT	5.2 mt
Abow W/L Ballast	7.2 mt

PARALLEL BODY LENGTH

At Summer Draught	54 mt
At Ballast Draught	45 mt

CARGO TANKS

Number	2
Type	Cylindric
Max tank press IMO	8 barg
Max tank press USCG	5 barg
Max Vacuum	-0.25 barg
Min. Temp.	-48 Â°C
Max Density/S.G.	0.97

CARGO SEGREGATION

Number of Grades	2
List of Segregation	1-2

CARGO PUMPS

Type	Deswell ISO-31
Number	2
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 HEATER

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

CARGO COMPRESSORS

Number	2
Type	Sulzer 2K 140-2F/S/i

CRANE



Gas Carrier Syn Zosma - technical data

Number (Hoisting Hoses)	1 cn
SWL	1.5 MT

TANKS CAPACITY

100%	4.007,1 cbm
TK1	1.955,2 cbm
TK2	2.051,9 cbm