



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=-48°C
Additional Notation	IAQ-1;IIQ;IWS;P;TMS
IMO Number	9177466

GENERAL INFO

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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
Summer draught	6.5 mt
Corresponding DWT	4113 - MT
Loaded Displacement	2266 - MT
Light Displacement	6379 - 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
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BOW THRUSTER

Type	Brumvoll
Power	300 - Kw

PROPELLER

Type	Pitch
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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
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DISCHARGING

Capacity cbm/hr	max 400 - cbm/hr
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FRESH WATER

Capacity of Tanks	72 - MT
Generated per Day	7 - MT

CROSSOVER

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

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 LENGHT

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 - Å°C
Max Density/S.G.	0.97

TANKS CAPACITY

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

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 15Å?Å°C) 370 - cbm/hr

CARGO COMPRESSORS

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

CRANE

Number (Hoisting Hoses)	1 - cn
SWL	1.5 - MT