

Formosagas Diamond

GENERAL INFORMATION

1.3 IMO Number	9318620
1.8 Flag	Liberia
1.9 Port of Registry	MONROVIA
1.11 Call sign	A8116
1.12 INMARSAT number	764624470 / 764624471
1.13 Ship's fax number	764624472
1.14 Ship's telex number	463791331
1.15 Mobile Phone Number	886 912918725
1.16 Ship's Email address	master.fgdiamond@fpmc.amosconnect.com
1.17 Type of ship	Gas Carroer
1.18 Vessel's MMSI No.	636012849
1.19 Type of Hull	Double hull

OWNERSHIP AND OPERATION

1.20 Name of the Registered Owner	FORMOSA CRYSTAL MARINE CORP.
1.20.1 Full address	80 Broad street Monrovia Liberia
1.20.2 Office telephone number	886-2-27122211
1.20.3 Office telex number	27785 FPSHIP
1.20.4 Office fax number	886-2-27193258
1.20.5 Office Email address	public-fpmc@fpg.com.tw
1.20.6 Contact person	Capt. Wu Yang
1.20.7 Contact person after hours telephone number	886-910-386-788
1.22 Name of Technical Operator	FORMOSA PLASTICS MARINE CORP.
1.22.1 Full Address	201, Tung Hwa North. Road Taipei, Taiwan
1.22.2 Office telephone number	886-2-27122211
1.22.3 Office telex number	27785 FPSHIP
1.22.4 Office fax number	886-2-2719-3258
1.22.5 Office Email address	chm-fpmc@fpg.com.tw
1.22.6 Contact person (Designated Person Ashore)	CAPT. I.H. Yu
1.22.7 Contact person after hours telephone number	886-922 562 324
1.22.8 Emergency callout number	886-928-126-232
1.22.9 Emergency callout pager number	886-910-386-788

BUILDER

1.26 Builder	JIANHNAV SHIPYARD GROUP CO., LTD. PR CHINA
1.27 Date of building contract	16 January 2004
1.28 Hull number	H2333
1.29 Date keel laid	16 May 2005
1.30 Date launched	22 September 2005
1.31 Date delivered	27 June 2006

CLASSIFICATION

1.34 Classification society	DNV
1.35 Class Notation	+1A1, TANKER FOR LIQUEFIED GAS(-104C, 5.0BAR, O.972T/M3) SHIP TYPE 2G, EO, INERT

DIMENSIONS

1.49 Length overall (LOA)	153.5 Meters
1.50 Length between perpendiculars (LBP)	145.97 Meters
1.51 Extreme breadth	23.128 Meters
1.52 Moulded breadth	23.1 Meters
1.53 Moulded depth	15.4 Meters
1.54 Keel to masthead	41.65 Meters
1.55 Distance bow to bridge	119.24 Meters
1.56 Distance bridge front - mid point manifold	50.99 Meters
1.57.1 Distance bow to mid-point manifold	68.25 Meters
1.57.2 Distance stern to mid-point manifold	85.25 Meters
1.57.3 Parallel body (light ship)	49.34 Meters
1.57.4 Parallel body, forward to mid-point manifold (light ship)	15.3 Meters
1.57.5 Parallel body, aft to mid-point manifold (light ship)	34.04 Meters
1.57.6 Parallel body (normal ballast)	69.82 Meters
1.57.7 Parallel body, forward to mid-point manifold (normal ballast)	27.09 Meters
1.57.8 Parallel body, aft to mid-point manifold (normal ballast)	42.72 Meters
1.57.9 Parallel body at loaded summer deadweight (SDWT)	93.43 Meters
1.57.10 Parallel body, forward to mid-point manifold at loaded SDWT	35.44 Meters
1.57.11 Parallel body, aft to mid-point manifold at loaded SDWT	57.99 Meters
1.58 Does ship have a bulbous bow?	Yes

TONNAGES

1.59 Net Registered Tonnage	4772 Tonnes
1.60 Gross Tonnage	15175 Tonnes
1.61 Suez Tonnage GROSS 16151.73/NET	12833.3 Tonnes

LOADLINE INFORMATION

1.63.1 Summer Freeboard	5.814 Meters
1.63.2 Summer Draft	9.6 Meters
1.63.3 Summer Deadweight	17659.3 Tonnes
1.63.4 Summer Displacement	25695.9 Tonnes
1.64.1 Winter Freeboard	6.014 Meters
1.64.2 Winter Draft	9.4 Meters
1.64.3 Winter Deadweight	17022.7 Tonnes
1.64.4 Winter Displacement	25059.3 Tonnes
1.65.1 Tropical Freeboard	5.614 Meters
1.65.2 Tropical Draft	9.8 Meters
1.65.3 Tropical Deadweight	18299 Tonnes
1.65.4 Tropical Displacement	26335.6 Tonnes
1.66.1 Lightship Freeboard	11.811 Meters
1.66.2 Lightship Draft	3.603 Meters
1.66.3 Lightship Deadweight	0 Tonnes
1.66.4 Lightship Displacement	8036.6 Tonnes
1.67.1 Normal Ballast Condition Freeboard	9.419 Meters
1.67.2 Normal Ballast Condition Draft	6.265 Meters
1.67.3 Normal Ballast Condition Deadweight	7541.5 Tonnes
1.67.4 Normal Ballast Condition Displacement	15578.2 Tonnes
1.68.1 Segregated Ballast Condition Freeboard	9.419 Meters
1.68.2 Segregated Ballast Condition Draft	6.265 Meters
1.68.3 Segregated Ballast Condition Deadweight	7541.5 Tonnes
1.68.4 Segregated Ballast Condition Displacement	15578.2 Tonnes
1.69 FWA at Summer Draft (Freeboard)	201 Millimeters
1.70 TPC Immersion at Summer Draft (Freeboard)	31.9 Tonnes
1.71.1 Draught Fore at normal ballast conditions (Freeboard)	5.15 Meters
1.71.2 Draught Aft at normal ballast conditions (Draft)	7.38 Meters
1.74 What is the max. height of mast above waterline (air draft) in normal SBT condition?	34.27 Meters

CARGO TANK CAPACITIES

8.3.1 Centre Tank Number 1 Capacity (98%)	2510.22 Cu Meters
8.3.2 Centre Tank Number 2 Capacity (98%)	2805.48 Cu Meters

8.3.3 Centre Tank Number 3 Capacity (98%)	2805.49 Cu Meters
8.3.16 Wings (P & S combined) Number 1 Capacity (98%)	2516.71 Cu Meters
8.3.17 Wings (P & S combined) Number 2 Capacity (98%)	2806.57 Cu Meters
8.3.18 Wings (P & S combined) Number 3 Capacity (98%)	2805.92 Cu Meters
8.4 Centre Tank Total Capacity (98%)	8121.19 Cu Meters
8.6 Wings (P & S combined) Total Capacity (98%)	8129.2 Cu Meters
8.8 Centre Tank Total Capacity (98%)	8121.19 Cu Meters
8.9 Wings (P & S combined) Total Capacity (98%)	8129.2 Cu Meters
8.10 Grand Total Capacity (98%)	16250.39 Cu Meters

BUNKER MANIFOLDS

8.89 What is the number of bunker connections per side?	1
8.90 What is the size of the bunker connection?	150 Millimeters

MAIN PROPULSION

12.1 Means of main propulsion	Motor
12.1.1 If motor state whether two stroke or four stroke	2 Stroke
12.2 Does vessel have single or twin propellers?	Single
12.3 Is vessel fitted with fixed or controllable pitch propeller(s)?	Fixed Pitch
12.4 How many boilers are fitted?	1
12.4.1 What is rated output of boilers?	1800 Tonnes/Hour
12.5 What type of fuel is used for main propulsion?	HFO/380CST
12.6 Are pressurised fuel pipes double sheathed?	Yes
12.7 When moored at SBM, is main engine capable of being run astern at low revolutions for extended periods (up to 24 hours continuously)?	Yes
12.8 Is vessel capable of maintaining speed below 5 Knots?	Yes
12.9 Is vessel fitted for Unmanned Machinery Space (UMS) operation?	Yes
12.9.1 Is vessel operated in UMS mode?	Yes
Mail Engine	MAN B&W 6S42MC
Out put	6480KW X 136rpm

GENERATORS

12.13 How many power generators are fitted?	3
12.13.1 Indicate type of power generator(s) Other (Specify)	Brushless Type
12.14 What type of fuel is used in the generating plant?	diesel oil & heavy fuel oil
12.15 Is vessel fitted with emergency generator or batteries?	Emergency Generator

MAIN ENGINE AIR START COMPRESSORS

12.16 Number of main engine start compressors	2
12.17 Operating pressure	30 Bar
12.18 Motive power of emergency compressor	40 bar Cu Meter/Hour

BUNKERS

12.19.1 Fuel Oil (Tank Name)	1(P)
12.19.2 Fuel Oil (Capacity)	442.2 Cu Meters
12.19.3 Diesel Oil (Tank Name)	D.O.T(P)
12.19.4 Diesel Oil (Capacity)	66.2 Cu Meters
12.20.1 Fuel Oil (Tank Name)	1(S)
12.20.2 Fuel Oil (Capacity)	457.8 Cu Meters
12.20.3 Diesel Oil (Tank Name)	D.O.T(S)
12.20.4 Diesel Oil (Capacity)	43.2 Cu Meters
12.21.1 Fuel Oil (Tank Name)	2(P)
12.21.2 Fuel Oil (Capacity)	120.5 Cu Meters
12.22.1 Fuel Oil (Tank Name)	2(s)
12.22.2 Fuel Oil (Capacity)	297.7 Cu Meters
12.25.1 Fuel Oil (Tank Name)	Total
12.25.2 Fuel Oil (Capacity)	1318.2 Cu Meters
12.25.4 Diesel Oil (Capacity)	109.4 Cu Meters

STEERING GEAR

12.26 What type of steering gear fitted?	Cylinder
12.27 How many motorized hydraulic pumps or motors fitted?	2
12.28 How many telemotors fitted?	2
12.29 Is an emergency rudder arrest/rudder control fitted?	Yes