

Formosa Thirteen

GENERAL INFORMATION

1.3 IMO Number	9272503
1.8 Flag	Liberia
1.9 Port of Registry	MONROVIA
1.11 Call sign	A8GJ7
1.12 INMARSAT number	764149788 / 764149789
1.13 Ship's fax number	600540193
1.14 Ship's telex number	463790191
1.15 Mobile Phone Number	886-972-290-707
1.16 Ship's Email address	master_thirteen@fpmc.amosconnect.com
1.17 Type of ship	Chemical / OIL
1.18 Vessel's MMSI No.	636012589
1.19 Type of Hull	Double hull

OWNERSHIP AND OPERATION

1.20 Name of the Registered Owner	Formosa Plastics Marine Corp.
1.20.1 Full address	80 Broad street Monrovia, Liberia
1.20.2 Office telephone number	886-2-2712-2211 ext. 6171
1.20.3 Office telex number	27785 FPSHIP
1.20.4 Office fax number	886-2-2719-3258
1.20.5 Office Email address	ops-fpmc@fpg.com.tw
1.20.6 Contact person TAO-MING, WEI	
1.20.7 Contact person after hours telephone number	886-937-065-088

BUILDER

1.26 Builder	Shin Kurushima Dock Yard
1.27 Date of building contract	4 March 2002
1.28 Hull number	5231
1.29 Date keel laid	2 August 2004
1.30 Date launched	23 December 2004
1.31 Date delivered	30 March 2005

CLASSIFICATION

1.34 Classification society	ABS
1.35 Class Notation	+A1, Chemical Carrier, Oil Carrier, E , +AMS, +ACCU, VEC

DIMENSIONS

1.49 Length overall (LOA)	179.88 Meters
1.50 Length between perpendiculars (LBP)	172.0 Meters
1.51 Extreme breadth	32.228 Meters
1.52 Moulded breadth	32.20 Meters
1.53 Moulded depth	18.70 Meters
1.54 Keel to masthead	46.29 Meters
1.55 Distance bow to bridge	145.82 Meters
1.56 Distance bridge front - mid point manifold	46.37 Meters
1.57 PARALLEL MID-BODY DIAGRAM	46.37
1.57.1 Distance bow to mid-point manifold	89.23 Meters
1.57.2 Distance stern to mid-point manifold	90.65 Meters
1.57.3 Parallel body (light ship)	40.81 Meters
1.57.4 Parallel body, forward to mid-point manifold (light ship)	18.81 Meters
1.57.5 Parallel body, aft to mid-point manifold (light ship)	22.00 Meters
1.57.6 Parallel body (normal ballast)	73.97 Meters
1.57.7 Parallel body, forward to mid-point manifold (normal ballast)	42.32 Meters
1.57.8 Parallel body, aft to mid-point manifold (normal ballast)	31.65 Meters
1.57.9 Parallel body at loaded summer deadweight (SDWT)	84.83 Meters
1.57.10 Parallel body, forward to mid-point manifold at loaded SDWT	42.32 Meters
1.57.11 Parallel body, aft to mid-point manifold at loaded SDWT	42.51 Meters
1.58 Does ship have a bulbous bow?	Yes

TONNAGES

1.59 Net Registered Tonnage	11696 Tonnes
1.60 Gross Tonnage	28131 Tonnes
1.61 Suez Tonnage	26228.24 Tonnes
1.61.1 Suez Canal Gross Tonnage (SCGT)	29554.71 Tonnes
1.61.2 Suez Canal Net Tonnage (SCNT)	26228.24 Tonnes
1.62 Panama Tonnage	23370.36 Tonnes

LOADLINE INFORMATION

1.63.1 Summer Freeboard	6.713 Meters
1.63.2 Summer Draft	12.022 Meters
1.63.3 Summer Deadweight	45,706 Tonnes

1.63.4 Summer Displacement	54,780 Tonnes
1.64.1 Winter Freeboard	6.963 Meters
1.64.2 Winter Draft	11.772 Meters
1.64.3 Winter Deadweight	44,442 Tonnes
1.64.4 Winter Displacement	53,516 Tonnes
1.65.1 Tropical Freeboard	6.463 Meters
1.65.2 Tropical Draft	12.272 Meters
1.65.3 Tropical Deadweight	46,974 Tonnes
1.65.4 Tropical Displacement	56,048 Tonnes
1.66.1 Lightship Freeboard	16.505 Meters
1.66.2 Lightship Draft	2.252 Meters
1.66.4 Lightship Displacement	9,074 Tonnes
1.67.1 Normal Ballast Condition Freeboard	11.905 Meters
1.67.2 Normal Ballast Condition Draft	6.83 Meters
1.67.3 Normal Ballast Condition Deadweight	20,535 Tonnes
1.67.4 Normal Ballast Condition Displacement	29,381 Tonnes
1.68.1 Segregated Ballast Condition Freeboard	11.905 Meters
1.68.2 Segregated Ballast Condition Draft	6.83 Meters
1.68.3 Segregated Ballast Condition Deadweight	20,535 Tonnes
1.68.4 Segregated Ballast Condition Displacement	29,381 Tonnes
1.69 FWA at Summer Draft (Freeboard)	270 Millimeters
1.70 TPC Immersion at Summer Draft (Freeboard)	50.65 Tonnes
1.71.1 Draught Fore at normal ballast conditions (Freeboard)	6.42 Meters
1.71.2 Draught Aft at normal ballast conditions (Draft)	7.28 Meters
1.72 Does ship have Multiple SDWT ?	Yes
1.73 If yes, what is maximum assigned Deadweight?	45706 Tonnes
1.74 What is the max. height of mast above waterline (air draft) in normal SBT condition?	39.46 Meters

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 propeller(s)?	pitch Fixed
12.5 What type of fuel is used for main propulsion?	IFO-380
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
Main Engine	1 set of 6UEC60LA
Out put	9267 KW

GENERATORS

12.13 How many power generators are fitted?	3
12.13.1 Indicate type of power generator(s)	FE547C-8
12.14 What type of fuel is used in the generating plant?	IFO-380
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	25 Bar
12.18 Motive power of emergency compressor 2	6 Cu Meter/Hour

BUNKERS

12.19.1 Fuel Oil (Tank Name)	# 1 FOT (P)
12.19.2 Fuel Oil (Capacity)	1097.37 Cu Meters
12.19.3 Diesel Oil (Tank Name)	MDOT P
12.19.4 Diesel Oil (Capacity)	91.58 Cu Meters
12.20.1 Fuel Oil (Tank Name)	# 2 FOT (S)
12.20.2 Fuel Oil (Capacity)	922.80 Cu Meters
12.20.3 Diesel Oil (Tank Name)	MDOT S
12.20.4 Diesel Oil (Capacity)	91.58 Cu Meters
12.21.1 Fuel Oil (Tank Name)	F.O. Overflow (S)
12.21.2 Fuel Oil (Capacity)	44.52 Cu Meters
12.21.3 Diesel Oil (Tank Name)	D.O. Serv. T. (S)
12.21.4 Diesel Oil (Capacity)	27.97 Cu Meters
12.22.1 Fuel Oil (Tank Name)	H.F.O. Sett. T (S)
12.22.2 Fuel Oil (Capacity)	16.11 Cu Meters
12.23.1 Fuel Oil (Tank Name)	H.F.O. Serv. T (S)
12.23.2 Fuel Oil (Capacity)	24.17 Cu Meters

STEERING GEAR

12.26 What type of steering gear fitted?	Rotary vane, RV7002
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

ANTI-POLLUTION

12.30 Is an engine-room bilge high level alarm fitted?	Yes
12.31 Is a pump room bilge high level alarm fitted?	Yes
12.32 Is there a permanently installed system for the disposal of residues from the machinery space sludge tank to shore?	Yes
12.33 Are there facilities on board to incinerate machinery	Yes

SHIP TO SHIP TRANSFER

13.1 Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum)?	Yes
13.2 Are at least 7 ratings available to assist with mooring operations?	Yes
13.3 What is Safe Working Load (SWL) of bitts in the manifold area?	40 Tonnes
13.4 Are manifold bitts at least 35 metres away from the breastlines leading fore and aft?	Yes
13.5 What is maximum outreach of vessel's cranes or derricks outboard of the ship's side?	6.9 Meters
13.6 Are four (4) 200m x 40mm messenger lines available for Ship-To-Ship (STS) mooring operations?	Yes
13.7 Are there two (2) closed chocks with associated bollards and leads to winches located within 35 metres forward and aft of the centre of the cargo manifold?	Yes