

Formosa Sixteen

GENERAL INFORMATION

1.3 IMO Number	9344100
1.8 Flag	Liberia
1.9 Port of Registry	MONROVIA
1.10 If the flag has been changed, what was previous flag?	Peoples Republic of China
1.11 Call sign	A8LZ3
1.12 INMARSAT number	61122144, 761132082
1.13 Ship's fax number	61122145
1.14 Ship's telex number	63700299
1.15 Mobile Phone Number	886-910-386793
1.16 Ship's Email address	master.sixteen@fpmc.amosconnect.com
1.17 Type of ship	Oil Tanker
1.18 Vessel's MMSI No.	636013301
1.19 Type of Hull	Double hull

OWNERSHIP AND OPERATION

1.20 Name of the Registered Owner	Formosa Plastics Transocean Corp.
1.20.1 Full address	80 Broad Street Monrovia, Liberia
1.20.2 Office telephone number	886-2-27198864
1.20.3 Office telex number	22785 FPSHIP
1.20.4 Office fax number	886-2-27193258
1.20.5 Office Email address	tai-fpmc@fpg.com.tw
1.20.6 Contact person	Capt. M.C.TAI
1.20.7 Contact person after hours telephone number	886-922-562234

BUILDER

1.26 Builder	Bohai Shipbuilding Heavy Industry Co. Ltd. China
1.27 Date of building contract	20 July 2005
1.28 Hull number	BH-510-4
1.29 Date keel laid	15 May 2006
1.30 Date launched	27 September 2006
1.31 Date delivered	2 January 2007

CLASSIFICATION

1.34 Classification society	Bureau Veritas
1.35 Class Notation	I Hull Oil Tanker ESP *MACH*AUT-CCS Unrestricted Navigation, ICE,SMP,VCS

1.36 If Classification society changed, name of previous society	CCS
1.37 If Classification society changed, date of change	30 March 2007

DIMENSIONS

1.49 Length overall (LOA)	184.95 Meters
1.50 Length between perpendiculars (LBP)	176.00 Meters
1.51 Extreme breadth	32.26 Meters
1.52 Moulded breadth	32.2 Meters
1.53 Moulded depth	18.20 Meters
1.54 Keel to masthead	45.25 Meters
1.55 Distance bow to bridge	147.75 Meters
1.56 Distance bridge front - mid point manifold	56.4 Meters
1.57.1 Distance bow to mid-point manifold	91.35 Meters
1.57.2 Distance stern to mid-point manifold	93.6 Meters
1.57.3 Parallel body (light ship)	79.4 Meters
1.57.4 Parallel body, forward to mid-point manifold (light ship)	50.01 Meters
1.57.5 Parallel body, aft to mid-point manifold (light ship)	29.3 Meters
1.57.6 Parallel body (normal ballast)	8.70 Meters
1.57.7 Parallel body, forward to mid-point manifold (normal ballast)	52.2 Meters
1.57.8 Parallel body, aft to mid-point manifold (normal ballast)	36.5 Meters
1.57.9 Parallel body at loaded summer deadweight (SDWT)	106.9 Meters
1.57.10 Parallel body, forward to mid-point manifold at loaded SDWT	53.60 Meters
1.57.11 Parallel body, aft to mid-point manifold at loaded SDWT	53.3 Meters
1.58 Does ship have a bulbous bow? Yes	

TONNAGES

1.59 Net Registered Tonnage	12469 Tonnes
1.60 Gross Tonnage	29588 Tonnes
1.61 Suez Tonnage	30261.01 Tonnes
1.61.1 Suez Canal Gross Tonnage (SCGT)	30261.01 Tonnes
1.61.2 Suez Canal Net Tonnage (SCNT)	25860.67 Tonnes
1.62 Panama Tonnage	24563 Tonnes

LOADLINE INFORMATION

1.63.1 Summer Freeboard	6.215 Meters
1.63.2 Summer Draft	12.00 Meters
1.63.3 Summer Deadweight	45672 Tonnes
1.63.4 Summer Displacement	57669 Tonnes
1.64.1 Winter Freeboard	6.465 Meters
1.64.2 Winter Draft	11.75 Meters
1.64.3 Winter Deadweight	44337 Tonnes
1.64.4 Winter Displacement	56334 Tonnes
1.65.1 Tropical Freeboard	5.965 Meters
1.65.2 Tropical Draft	12.25 Meters
1.65.3 Tropical Deadweight	47011 Tonnes
1.65.4 Tropical Displacement	59008 Tonnes
1.66.1 Lightship Freeboard	15.432 Meters
1.66.1 Lightship Freeboard	15.432 Meters
1.66.2 Lightship Draft	2.783 Meters
1.66.3 Lightship Deadweight	0 Tonnes
1.66.4 Lightship Displacement	11997 Tonnes
1.67.1 Normal Ballast Condition Freeboard	11.965 Meters
1.67.2 Normal Ballast Condition Draft	6.25 Meters
1.67.3 Normal Ballast Condition Deadweight	16340 Tonnes
1.67.4 Normal Ballast Condition Displacement	28337 Tonnes
1.68.1 Segregated Ballast Condition Freeboard	11.965 Meters
1.68.2 Segregated Ballast Condition Draft	6.25 Meters
1.68.3 Segregated Ballast Condition Deadweight	16340 Tonnes
1.68.4 Segregated Ballast Condition Displacement	28337 Tonnes
1.69 FWA at Summer Draft (Freeboard)	276 Millimeters
1.70 TPC Immersion at Summer Draft (Freeboard)	53.49 Tonnes
1.71.1 Draught Fore at normal ballast conditions (Freeboard)	5.80 Meters
1.71.2 Draught Aft at normal ballast conditions (Draft)	7.80 Meters
1.72 Does ship have Multiple SDWT ?	Yes
1.73 If yes, what is maximum assigned Deadweight?	45672 Tonnes
1.74 is the max. height of mast above waterline (air draft) in normal SBT condition?	37.45 Meters

CARGO TANK CAPACITIES

8.3.16 Wings (P & S combined) Number 1 Capacity (98%)	6640.0 Cu Meters
8.3.17 Wings (P & S combined) Number 2 Capacity (98%)	9197.7 Cu Meters
8.3.18 Wings (P & S combined) Number 3 Capacity (98%)	9225.7 Cu Meters

8.3.19 Wings (P & S combined) Number 4 Capacity (98%)	9213.6 Cu Meters
8.3.20 Wings (P & S combined) Number 5 Capacity (98%)	9214.8 Cu Meters
8.3.21 Wings (P & S combined) Number 6 Capacity (98%)	7551.7 Cu Meters
8.5 Slops 1st Tank Capacity (98%)	783.4 Cu Meters
8.5.1 Slops 2nd Tank Capacity (98%)	773.7 Cu Meters
8.6 Wings (P & S combined) Total Capacity (98%)	51043.5 Cu Meters
8.9 Wings (P & S combined) Total Capacity (98%)	51043.5 Cu Meters
8.10 Grand Total Capacity (98%)	52600.6 Cu 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
12.4 How many boilers are fitted?	1
12.4.1 What is rated output of boilers?	25 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

GENERATORS

12.13 How many power generators are fitted?	3
12.13.1 Indicate type of power generator(s)	Diesel
12.14 What type of fuel is used in the generating plant?	HFO/380CST
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	11 Cu Meter/Hour

BUNKERS

12.19.1 Fuel Oil (Tank Name)	#1 HFO (P) (100% Capacity)
12.19.2 Fuel Oil (Capacity)	574.3 Cu Meters
12.19.3 Diesel Oil (Tank Name)	DOT (P) (100% Capacity)
12.19.4 Diesel Oil (Capacity)	161.1 Cu Meters

12.20.1 Fuel Oil (Tank Name)	#1 HFO (S)
12.20.2 Fuel Oil (Capacity)	588.7 Cu Meters
12.20.3 Diesel Oil (Tank Name)	DOT (S)
12.20.4 Diesel Oil (Capacity)	117.7 Cu Meters
12.21.1 Fuel Oil (Tank Name)	#2 HFO
12.21.2 Fuel Oil (Capacity)	65.1 Cu Meters
12.21.3 Diesel Oil (Tank Name)	DOT (Sett)
12.21.4 Diesel Oil (Capacity)	27.8 Cu Meters
12.22.1 Fuel Oil (Tank Name)	#1 HFO (Sett Tk.)
12.22.2 Fuel Oil (Capacity)	63.2 Cu Meters
12.22.3 Diesel Oil (Tank Name)	DOT (Serv)
12.22.4 Diesel Oil (Capacity)	26.3 Cu Meters
12.23.1 Fuel Oil (Tank Name)	#2 HFO (Sett. Tk.)
12.23.2 Fuel Oil (Capacity)	63.2 Cu Meters
12.23.3 Diesel Oil (Tank Name)	Inert Oil DOT
12.23.4 Diesel Oil (Capacity)	11.6 Cu Meters
12.24.1 Fuel Oil (Tank Name)	#1 HFO (Sev Tk.)
12.24.2 Fuel Oil (Capacity)	32.7 Cu Meters
12.24.3 Diesel Oil (Tank Name)	Hydr. Unit DOT
12.24.4 Diesel Oil (Capacity)	11.0 Cu Meters
12.25.1 Fuel Oil (Tank Name)	#2 HFO (Sett Tk.)
12.25.2 Fuel Oil (Capacity)	32.7 Cu Meters
12.25.3 Diesel Oil (Tank Name)	Boiler Ignitor
12.25.4 Diesel Oil (Capacity)	5.3 Cu Meters

STEERING GEAR

12.26 What type of steering gear fitted?	Rotary Vane 425-80/2
12.27 How many motorized hydraulic pumps or motors fitted?	2
12.29 Is an emergency rudder arrest/rudder control fitted?	Yes