

FPMC P DUKE

GENERAL INFORMATION

1.3 IMO Number	9433016
1.8 Flag	Liberia
1.9 Port of Registry	MONROVIA
1.11 Call sign	A8RE3
1.12 INMARSAT number	764914743(Bridge) 764914744 (CAPT/Rm)
1.13 Ship's fax number	764914745
1.14 Ship's telex number	I-C/463705466
1.15 Mobile Phone Number	+886-910015576
1.16 Ship's Email address	fpmc-pduke@fpmc.amosconnect.com
1.17 Type of ship	Oil Tanker
1.18 Vessel's MMSI No.	636014081
1.19 Type of Hull	Double hull

OWNERSHIP AND OPERATION

1.20 Name of the Registered Owner	FORMOSA ALPINE MARINE CORPORATION
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	27785-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	886 922 562 234
1.22 Name of Technical Operator	FORMOSA PLASTIC MARINE CORPORATION
1.22.1 Full Address	201 TUNG-HWA NORTH RD. TAIPEI, TAIWAN ROC
1.22.2 Office telephone number	886-2-2712-2211
1.22.3 Office telex number	27785FPSHIP
1.22.4 Office fax number	886-2-2719-3258
1.22.5 Office Email address	tai_fpmc@fpg.com.tw

BUILDER

1.26 Builder	STX Offshore & Shipbuilding Co., Ltd South Korea
1.27 Date of building contract	30 November 2006
1.28 Hull number	S4001
1.29 Date keel laid	17 March 2009
1.30 Date launched	17 May 2009
1.31 Date delivered	9 July 2009

CLASSIFICATION

1.34 Classification society	American Bureau of Shipping,(ABS)
1.35 Class Notation	+A1(E) ,OIL CARRIER,AMS, ACCU,VEC,CSR, SAFESHIP-CMTCM,ESP,UWILD,CSR,RW

DIMENSIONS

1.49 Length overall (LOA)	228.0 Meters
1.50 Length between perpendiculars (LBP)	219 Meters
1.51 Extreme breadth	32.24 Meters
1.52 Moulded breadth	32.24 Meters
1.53 Moulded depth	20.65 Meters
1.54 Keel to masthead	49.65 Meters
1.55 Distance bow to bridge	190.1 Meters
1.56 Distance bridge front - mid point manifold	77.0 Meters
1.57.1 Distance bow to mid-point manifold	113.10 Meters
1.57.2 Distance stern to mid-point manifold	114.90 Meters
1.57.3 Parallel body (light ship)	72.1 Meters
1.57.4 Parallel body, forward to mid-point manifold (light ship)	39.7 Meters
1.57.5 Parallel body, aft to mid-point manifold (light ship)	32.4 Meters
1.57.6 Parallel body (normal ballast)	112.5 Meters
1.57.7 Parallel body, forward to mid-point manifold (normal ballast)	69.2 Meters
1.57.8 Parallel body, aft to mid-point manifold (normal ballast)	43.3 Meters
1.57.9 Parallel body at loaded summer deadweight (SDWT)	131.0 Meters
1.57.10 Parallel body, forward to mid-point manifold at loaded SDWT	74.3 Meters
1.57.11 Parallel body, aft to mid-point manifold at loaded SDWT	56.7 Meters
1.58 Does ship have a bulbous bow?	Yes

TONNAGES

1.59 Net Registered Tonnage	21747 Tonnes
1.60 Gross Tonnage	42340 Tonnes
1.61 Suez Tonnage	0 Tonnes
1.61.1 Suez Canal Gross Tonnage (SCGT)	44073.99 Tonnes
1.61.2 Suez Canal Net Tonnage (SCNT)	39360.39 Tonnes
1.62 Panama Tonnage	34974 Tonnes

LOADLINE INFORMATION

1.63.1 Summer Freeboard	6.363 Meters
1.63.2 Summer Draft	14.30 Meters
1.63.3 Summer Deadweight	74862.5 Tonnes
1.63.4 Summer Displacement	88855 Tonnes
1.64.1 Winter Freeboard	6.66 Meters
1.64.2 Winter Draft	14.002 Meters
1.64.3 Winter Deadweight	72831 Tonnes
1.64.4 Winter Displacement	86823 Tonnes
1.65.1 Tropical Freeboard	6.06 Meters
1.65.2 Tropical Draft	14.598 Meters
1.65.3 Tropical Deadweight	76898 Tonnes
1.65.4 Tropical Displacement	90891 Tonnes
1.66.1 Lightship Freeboard	017.83 Meters
1.66.2 Lightship Draft	2.82 Meters
1.66.3 Lightship Deadweight	0 Tonnes
1.66.4 Lightship Displacement	13993 Tonnes
1.67.1 Normal Ballast Condition Freeboard	13.33 Meters
1.67.2 Normal Ballast Condition Draft	7.31 Meters
1.67.3 Normal Ballast Condition Deadweight	29098 Tonnes
1.67.4 Normal Ballast Condition Displacement	43091 Tonnes
1.68.1 Segregated Ballast Condition Freeboard	13.33 Meters
1.68.2 Segregated Ballast Condition Draft	7.31 Meters
1.68.3 Segregated Ballast Condition Deadweight	29098 Tonnes
1.68.4 Segregated Ballast Condition Displacement	43091 Tonnes
1.69 FWA at Summer Draft (Freeboard)	325 Millimeters
1.70 TPC Immersion at Summer Draft (Freeboard)	68.0 Tonnes
1.71.1 Draught Fore at normal ballast conditions (Freeboard)	6.35 Meters
1.71.2 Draught Aft at normal ballast conditions (Draft)	8.20 Meters
1.74 What is the max. height of mast above waterline (air draft) in normal SBT condition?	42.3 Meters

CARGO TANK CAPACITIES

8.3.16 Wings (P & S combined) Number 1 Capacity (98%)	11018.4 Cu Meters
8.3.17 Wings (P & S combined) Number 2 Capacity (98%)	13934.5 Cu Meters
8.3.18 Wings (P & S combined) Number 3 Capacity (98%)	13961 Cu Meters
8.3.19 Wings (P & S combined) Number 4 Capacity (98%)	13961 Cu Meters
8.3.20 Wings (P & S combined) Number 5 Capacity (98%)	13961 Cu Meters
8.3.21 Wings (P & S combined) Number 6 Capacity (98%)	13533.9 Cu Meters

8.5 Slops 1st Tank Capacity (98%)	1375 Cu Meters
8.5.1 Slops 2nd Tank Capacity (98%)	1372.2 Cu Meters
8.6 Wings (P & S combined) Total Capacity (98%)	2381.8 Cu Meters
8.10 Grand Total Capacity (98%)	83117.0 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 pitch propeller(s)?	Fixed
12.4 How many boilers are fitted?	1
12.4.1 What is rated output of boilers?	30 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
Main Engine	STX MAN B&W 7S50MC-C MKVII
M.C.R.	11,069 kw X 127rpm
N.C.R.	9,958 kw X 122.6 rpm

GENERATORS

12.13 How many power generators are fitted?	3
12.13.1 Indicate type of power generator(s)	STX MAN-1
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	29.4 Bar

BUNKERS

12.19.1 Fuel Oil (Tank Name)	#1 FOT P'
12.19.2 Fuel Oil (Capacity)	331.6 Cu Meters
12.19.3 Diesel Oil (Tank Name)	MDOT P'

12.19.4 Diesel Oil (Capacity)	71.8 Cu Meters
12.20.1 Fuel Oil (Tank Name)	# '1 FOT S
12.20.2 Fuel Oil (Capacity)	291.3 Cu Meters
12.20.3 Diesel Oil (Tank Name)	MDO S'
12.20.4 Diesel Oil (Capacity)	65.9 Cu Meters
12.21.1 Fuel Oil (Tank Name)	# '2 FOT P'
12.21.2 Fuel Oil (Capacity)	598.7 Cu Meter
12.21.1 Fuel Oil (Tank Name)	# '2 FOT P'
12.21.2 Fuel Oil (Capacity)	598.7 Cu Meters
12.21.3 Diesel Oil (Tank Name)	MDO SERV
12.21.4 Diesel Oil (Capacity)	19.3 Cu Meters
12.22.1 Fuel Oil (Tank Name)	# '2 FOT S'
12.22.2 Fuel Oil (Capacity)	743.2 Cu Meters
12.22.3 Diesel Oil (Tank Name)	MDO SETTK
12.22.4 Diesel Oil (Capacity)	19.3 Cu Meters
12.23.1 Fuel Oil (Tank Name)	FO SETT
12.23.2 Fuel Oil (Capacity)	105.8 Cu Meters
12.25.1 Fuel Oil (Tank Name)	FO SERV T
12.25.2 Fuel Oil (Capacity)	100 Cu Meters

STEERING GEAR

12.26 What type of steering gear fitted?	SYLINDER
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