

Formosapetro Challenger

GENERAL INFORMATION

1.3 IMO Number	9198317
1.8 Flag	Liberia
1.9 Port of Registry	MONROVIA
1.11 Call sign	A8DV8
1.12 INMARSAT number	363702055/6
1.13 Ship's fax number	363702057
1.14 Ship's telex number	363702059(B), 463695921(C)
1.15 Mobile Phone Number	+886-910386792
1.16 Ship's Email address	master.fpchallenger@fpmc.amosconnect.com
1.17 Type of ship	Oil Tanker
1.18 Vessel's MMSI No.	636012171
1.19 Type of Hull	Double hull

OWNERSHIP AND OPERATION

1.20 Name of the Registered Owner	Formosa Challenger Marine Corporation
1.20.1 Full address	201 Tung-Hwa North Road, Taipei, Taiwan
1.20.2 Office telephone number	886-227122211-6178
1.20.3 Office telex number	27785 FPSHIP
1.20.4 Office fax number	886-227193258
1.20.5 Office Email address	ihyu3815@fpcc.com.tw
1.20.6 Contact person	Mr.I.H.Yu
1.20.7 Contact person after hours telephone number	886-922562324

BUILDER

1.26 Builder	IHI Kure, Hiroshima, Japan
1.27 Date of building contract	8 July 1998
1.28 Hull number	IHI-3127
1.29 Date keel laid	13 November 2000
1.30 Date launched	6 April 2001
1.31 Date delivered	25 July 2001

CLASSIFICATION

1.34 Classification society	ABS 0138746
1.35 Class Notation	+A1(E)+AMS+ACCU, VEC,SH ,OIL CARRIER

DIMENSIONS

1.49 Length overall (LOA)	330 Meters
1.50 Length between perpendiculars (LBP)	316.6 Meters
1.51 Extreme breadth	60.041 Meters
1.52 Moulded breadth	60 Meters
1.53 Moulded depth	28.9 Meters
1.54 Keel to masthead	66.528 Meters
1.55 Distance bow to bridge	279.3 Meters
1.56 Distance bridge front - mid point manifold	124.7 Meters
1.57.1 Distance bow to mid-point manifold	154.6 Meters
1.57.2 Distance stern to mid-point manifold	175.4 Meters
1.57.3 Parallel body (light ship)	110.8 Meters
1.57.4 Parallel body, forward to mid-point manifold (light ship)	72.8 Meters
1.57.5 Parallel body, aft to mid-point manifold (light ship)	38 Meters
1.57.6 Parallel body (normal ballast)	143.3 Meters
1.57.7 Parallel body, forward to mid-point manifold (normal ballast)	83.8 Meters
1.57.8 Parallel body, aft to mid-point manifold (normal ballast)	59.5 Meters
1.57.9 Parallel body at loaded summer deadweight (SDWT)	153.5 Meters
1.57.10 Parallel body, forward to mid-point manifold at loaded SDWT	83.5 Meters
1.57.11 Parallel body, aft to mid-point manifold at loaded SDWT	70 Meters
1.58 Does ship have a bulbous bow?	Yes

TONNAGES

1.59 Net Registered Tonnage	90656 Tonnes
1.60 Gross Tonnage	149274 Tonnes
1.61.1 Suez Canal Gross Tonnage (SCGT)	151085.51 Tonnes
1.61.2 Suez Canal Net Tonnage (SCNT)	143413.4 Tonnes

LOADLINE INFORMATION

1.63.1 Summer Freeboard	8.519 Meters
1.63.2 Summer Draft	20.428 Meters
1.63.3 Summer Deadweight	281501 Tonnes
1.63.4 Summer Displacement	319615 Tonnes
1.64.1 Winter Freeboard	8.944 Meters
1.64.2 Winter Draft	20.003 Meters

1.64.3 Winter Deadweight	274285 Tonnes
1.64.4 Winter Displacement	312399 Tonnes
1.65.1 Tropical Freeboard	8.094 Meters
1.65.2 Tropical Draft	20.853 Meters
1.65.3 Tropical Deadweight	288736 Tonnes
1.65.4 Tropical Displacement	326850 Tonnes
1.66.1 Lightship Freeboard	26.217 Meters
1.66.2 Lightship Draft	2.73 Meters
1.66.3 Lightship Deadweight	0 Tonnes
1.66.4 Lightship Displacement	38114 Tonnes
1.67.1 Normal Ballast Condition Freeboard	20.327 Meters
1.67.2 Normal Ballast Condition Draft	8.62 Meters
1.67.3 Normal Ballast Condition Deadweight	89114 Tonnes
1.67.4 Normal Ballast Condition Displacement	127228 Tonnes
1.68.1 Segregated Ballast Condition Freeboard	20.657 Meters
1.68.2 Segregated Ballast Condition Draft	8.29 Meters
1.68.3 Segregated Ballast Condition Deadweight	84053 Tonnes
1.68.4 Segregated Ballast Condition Displacement	122167 Tonnes
1.69 FWA at Summer Draft (Freeboard)	469 Millimeters
1.70 TPC Immersion at Summer Draft (Freeboard)	170.06 Tonnes
1.71.1 Draught Fore at normal ballast conditions (Freeboard)	6.38 Meters
1.71.2 Draught Aft at normal ballast conditions (Draft)	10.86 Meters
1.72 Does ship have Multiple SDWT ?	Yes
1.73 If yes, what is maximum assigned Deadweight?	281501 Tonnes
1.74 What is the max. height of mast above waterline (air draft) in normal SBT condition?	57.908 Meters

CARGO TANK CAPACITIES

8.3.1 Centre Tank Number 1 Capacity (98%)	21301.3 Cu Meters
8.3.2 Centre Tank Number 2 Capacity (98%)	29844.2 Cu Meters
8.3.3 Centre Tank Number 3 Capacity (98%)	32828.5 Cu Meters
8.3.4 Centre Tank Number 4 Capacity (98%)	29844.2 Cu Meters
8.3.5 Centre Tank Number 5 Capacity (98%)	30579.2 Cu Meters
8.3.16 Wings (P & S combined) Number 1 Capacity (98%)	30851.2 Cu Meters
8.3.17 Wings (P & S combined) Number 2 Capacity (98%)	37833.7 Cu Meters
8.3.18 Wings (P & S combined) Number 3 Capacity (98%)	41616.9 Cu Meters
8.3.19 Wings (P & S combined) Number 4 Capacity (98%)	37833.7 Cu Meters
8.3.20 Wings (P & S combined) Number 5 Capacity (98%)	20802.5 Cu Meters
8.4 Centre Tank Total Capacity (98%)	144397.4 Cu Meters
8.5 Slops 1st Tank Capacity (98%)	4276.9 Cu Meters

8.5.1 Slops 2nd Tank Capacity (98%)	4276.9 Cu Meters
8.6 Wings (P & S combined) Total Capacity (98%)	168938.0 Cu Meters
8.8 Centre Tank Total Capacity (98%)	8553.8 Cu Meters
8.10 Grand Total Capacity (98%)	321889.2 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?	79 Tonnes/Hour
12.5 What type of fuel is used for main propulsion?	MF-380-CST
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	DU-Sulzer 7RTA84T
Out Put	M.C.R 22680KW*63rpm

GENERATORS

12.13 How many power generators are fitted?	3
12.13.1 Indicate type of power generator(s)	AC/Drip proof, brushless rotary excitation
12.14 What type of fuel is used in the generating plant?	MF-380-CST
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	3
12.17 Operating pressure	25 Bar
12.18 Motive power of emergency compressor	5 Cu Meter/Hour

BUNKERS

12.19.1 Fuel Oil (Tank Name)	# 1 FOT(P)
12.19.2 Fuel Oil (Capacity)	3582.47 Cu Meters
12.19.3 Diesel Oil (Tank Name)	D.O.T.(S)

12.19.4 Diesel Oil (Capacity)	417.37 Cu Meters
12.20.1 Fuel Oil (Tank Name)	#2 FOT(S)
12.20.2 Fuel Oil (Capacity)	3106.62 Cu Meters
12.20.3 Diesel Oil (Tank Name)	D.O.Serv (s)
12.20.4 Diesel Oil (Capacity)	57.04 Cu Meters
12.21.1 Fuel Oil (Tank Name)	FO SETT.T(S)
12.21.2 Fuel Oil (Capacity)	64.68 Cu Meters
12.22.1 Fuel Oil (Tank Name)	FO.SERV.T(S)
12.22.2 Fuel Oil (Capacity)	49.86 Cu Meters
12.23.1 Fuel Oil (Tank Name)	FO overflow (s)
12.23.2 Fuel Oil (Capacity)	26.02 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

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?	45 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?	7 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