

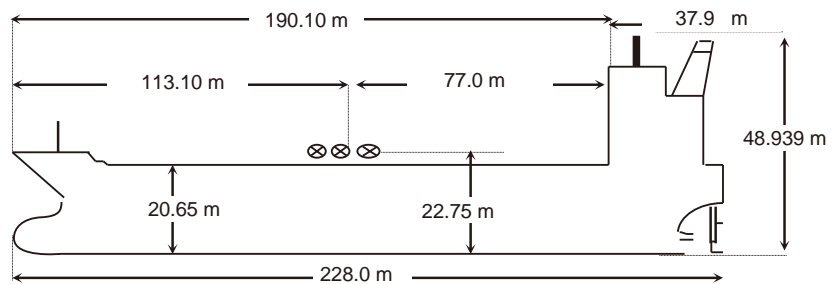


**PRINCIPAL PARTICULARS**

NAME	TECTUS	KEEL LAID	17-Mar-09	SATELLITE COMMUNICATION	
CALL SIGN	A8RE3	LAUNCHED	17-May-09	V SAT	N/A
FLAG	LIBERIA	DELIVERED	09-Jul-09	E-MAIL	tectus@singtelmailbiz.com
PORT OF REGISTRY	MONROVIA	SHIPYARD	STX Offshore & Shipbuilding Co.,Ltd/ South Korea	FBB-PHONE	+870-773175433
OFFICIAL NUMBER	14081			FX-PHONE	N/A
IMO/LLOYDS NUMBER	9433016			INM SAT-C	463705466
CLASS SOCIETY	ABS			MMSI	636014081
CLASS NOTATION	*A1, OIL CARRIER, (E), *AMS, *ACCU, VEC, TCM, CSR AB-CM				
P & I CLUB	Steam Ship Mutual-Bermuda				
				EX. NAMES	FPMC P DUKE
				CS / FLAG	N/A

OWNERS	FPMC Duke Marine Corp// 80 Broad Street, Monrovia, Liberia, Tel : +886 - 2271 22211 / + 86 512 3667 8034 email : timbox@fpc.com.tw / timhuang285@gmail.com / Capt.Xiao@hotmail.com
OPERATORS	Fleet Management Ltd., 27/F, South island place, 8 wong chuk hang road, Hong Kong

PRINCIPAL DIMENSIONS	
LOA	228.0 m
LBP	219.00 m
BREADTH (Extreme)	32.24 m
DEPTH (moulded)	20.65 m
HEIGHT (maximum)	48.239 m
BRIDGE FRONT - BOW	190.10 m
BRIDGE FRONT - STERN	37.90 m
BRIDGE FRONT - M'FOLD	77.00 m



TONNAGE	REGD	SUEZ	Panama
NET	21,747	39,360.39	34,974
GROSS	42,340	44,073.99	
GROSS Reduced (R'n:13495)		32,844	

TANK CAPACITIES ( cbm )					
CARGO TANKS ( 98 % )			BLST TKS ( 100 % )		
1Ws	11027.627	F.W Tanks 100%	FPT(U)&(L).	2230.20	
2Ws	13952.915	BOILER W.T	N/A	WBT 1Ws	4886.40
3Ws	13978.617	TCFW TK (P)	N/A	WBT 2Ws	4284.80
4Ws	13960.705	TCFW TK (S)	N/A	WBT 3Ws	4278.60
5Ws	13968.822	C.W.T.	N/A	WBT 4Ws	4278.60
6Ws	13503.582	FW General (P)	278.10	WBT 5Ws	4276.40
7Ws	N/A	FW General (S)	278.10	WBT 6Ws	5847.30
Slops-P	1370.407	DRINKING W.T.	N/A	WBT 7Ws	N/A
Slops-S	1367.761			A.P.K. Tk	1118.10
<b>TOTAL</b>	<b>83130.481</b>	<b>TOTAL</b>	<b>556.20</b>	<b>TOTAL</b>	<b>31200.40</b>

LOAD LINE INFORMATION	FREEBOARD	DRAFT	DWT
TROPICAL	6.065 M	14.598 M	76,898 MT
SUMMER	6.363 M	14.300 M	74,862 MT
WINTER	6.661 M	14.002 M	72,838 MT
SEG. BALLAST COND N	13.43 M	7.221 M	27,889 MT
light ship		13,992.7	
DWT WITH SBT ONLY		27,889.60MT	
FWA @ Summer draft		325 mm	
TPC @ Summer draft		68.0 MT	

OTHER DETAILS			
H. Level Alarm	95%	Independent	MOSASINO
Overfill Alarm	98%		

MACHINERY / PROPELLER / RUDDER	
MAIN ENGINE	STX MAN B&W 7S50MC-C (MK VII)
M.C.R	11060KW/15050 BHP @ 127 RPM
N.C.R. (75%)	9950kW @122.6RPM
MAX CRITICAL RANGE	39-48 rpm
AUX. BOILER	2xAALBORG MISSION OL 20000kg/h
GENERATOR (3 sets)	3xSTX MAN-1 950KW @900 RPM
EMER.D.G.	STX-CUMMINS150KW @1800RPM
PROPELLER	7.07 M (7.10M)
RUDDER	SEMI SPADE
STEERING GEAR	Rotary Vane EL/HY
FW GENERATOR CAP	20 ton/day
BOW THRUSTER	N/A

BUNKER TANKS	
1 FOT (P)	345.30 m <sup>3</sup>
1 FOT (S)	303.30 m <sup>3</sup>
2 FOT (P) out	149.80 m <sup>3</sup>
2 FO (S) in	473.60 m <sup>3</sup>
2 FOT(S) out	370.70 m <sup>3</sup>
FO SETT	54.90 m <sup>3</sup>
FO SER	54.90 m <sup>3</sup>
LSFO sett	49.60 m <sup>3</sup>
LSFO Serv	54.90 m <sup>3</sup>
<b>TOTAL</b>	<b>2260.00 m<sup>3</sup></b>
MGO	
MOG Srv 1	
MOG Srv 2	
<b>TOTAL</b>	<b>0 m<sup>3</sup></b>

WINCHES / WINDLASS / ROPES / EMERGENCY TOWING			
	FWD	AFT	PARTICULARS
WINCHES	6	6	Pull 20T /196 KN ( 15m / min )
MRG ROPES	6	6	12No's X 32mm X 220M (WIRES)
Winch BHC	42.6	43.6	Double Drums,Hydraulic
WINDLASS	2		2x28.9T/283KN-9m/min
FIRE WIRE	1	1	MBL - 603 KN
ANCHOR	2		2 X 7.87 T STOCKLESS-AC-14
EMG.TOWING	1	1	FWD- KETA-45F, SWL-200MT
			AFT-KETSP-40A, SWL-200MT

**CARGO AND BALLAST PUMPING SYSTEM**

MAIN PUMPS	NO.	CAPACITY	HEAD	RPM
CARGO COP	3	2000 m <sup>3</sup> /h	130	1500rpm
BALLAST	2	1500 m <sup>3</sup> /hr	25	
CARGO EDUCTOR	1	2500 m <sup>3</sup> /hr	19.5	

**CARGO HOSE CRANES**

15T X 21m Radius (5m outreach)

**IG / VAPOR EMISSION / VENTING**

IG BLOWER CAPACITY	7500m <sup>3</sup> /hr
P/V VALVE PR./ VAC. SETTING	(+1400 mmwg/-350mmwg)

**FIRE FIGHTING SYSTEM**

E/RM	CO <sub>2</sub>
PUMP ROOM	CO <sub>2</sub>
CARGO/DK AREA	LOW EXPANSION FOAM

**LIFE BOATS - 2 NO.**

Persons 24 (EACH)
Type: FRP
TOTALLY ENCLOSED TYPE

**MANIFOLD ARRANGEMENT**

Distance of cargo manifold to cargo manifold	2500 mm
Distance of cargo manifold to vpr. return manifold	4000 mm
Distance of top of rail to centre of manifold	4550 mm
Distance of manifold to ship side	4600 mm
Distance of manifold from keel	22.75 m

Min Bow Drft: 5.995 m

Blst Drft: F 6.0m, A 8.0 m

MARPOL Trim: 3.4 m

Propeller Immer.:7.07 m