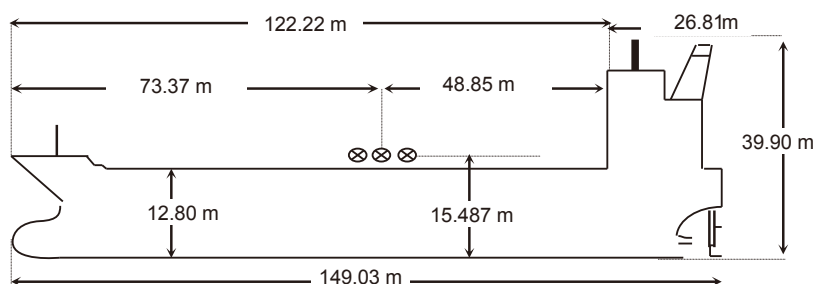


**PRINCIPAL PARTICULARS**

NAME	FPMC S EMERALD	KEEL LAID	10th Sep, 2020	SATELLITE COMMUNICATION	
CALL SIGN	BHGZ	LAUNCHED	14th May, 2021	V SAT	INM-FBB, INM-C
FLAG	TAIWAN	DELIVERED	11th Aug, 2021	E-MAIL	fpmcsemerald@gmail.com
PORT OF REGISTRY	Keelung	SHIPYARD	ASAKAWA SHIPBUILDING CO.,LTD.	FBB-PHONE	+870 773 063 486
OFFICIAL NUMBER	016538			FX-PHONE	+870 771 340 736
IMO/LLOYDS NUMBER	9913755			INM SAT-C	441606710 · 441606711
CLASS SOCIETY	ABS			MMSI	416067000
CLASS NOTATION	'+A1, Chemical Carrier, Oil Carrier, ESP, (E) , +AMS, +ACCU, CPS, BWT, CRC (SC-PL , SP ) , IHM, RW, TCM, UWILD, VEC, RRDA			EX. NAMES	N/A
P & I CLUB	The Britannia Steam Ship Insurance Association Limited			CS / FLAG	N/A

OWNERS	FORMOSA PLASTICS MARINE CORP.
OPERATORS	FORMOSA PLASTICS MARINE CORP.

PRINCIPAL DIMENSIONS	
LOA	149.03 m
LBP	140.00 m
BREADTH (Extreme)	24.000 m
DEPTH (moulded)	12.80 m
HEIGHT (maximum)	39.90 m
BRIDGE FRONT - BOW	122.22 m
BRIDGE FRONT - STERN	26.81 m
BRIDGE FRONT - M'FOLD	48.85 m



TONNAGE	REGD	SUEZ	Panama	TANK CAPACITIES ( cbm )					
				CARGO TANKS (98 %)		BLST TKS (100 %)			
NET	6240			1Ws	1427.392	F.W Tanks 100%	FPT-C	593.84	
GROSS	12471			2Ws	1415.747	Drink W.T. (P)	116.59	WBT 1Ws	931.80
GROSS Reduced (R'n:13495)				3Ws	2961.739	Fresh W.T. (C)	106.6	WBT 2Ws	533.17
				4Ws	5115.196	Distilled W.T. (S)	46.71	WBT 3Ws	951.06
				5Ws	2954.986	C.W.T. (P)	462.59	WBT 4C	478.04
				6Ws	3739.322	C.W.T. (S)	462.59	WBT 5Ws	1445.74
				7Ws	3554.309			HeelT 2Ws	403.62
				Slops-P	477.357			HeelT 3Ws	687.14
				Slops-S	479.634			HeelT 4Ws	733.42
				<b>TOTAL</b>	<b>22125.682</b>	<b>TOTAL</b>	<b>1195.08</b>	<b>TOTAL</b>	<b>6757.83</b>
				OTHER DETAILS					
				H. Level Alarm	95%	Independent	MOSASINO		
				Overfill Alarm	98%				

MACHINERY / PROPELLER / RUDDER		BUNKER TANKS		WINCHES / WINDLASS / ROPES / EMERGENCY TOWING			
MAIN ENGINE	MAN B&W 6S40ME-B9.5	1 FOT (P)	346.81 m <sup>3</sup>		FWD	AFT	PARTICULARS
M.C.R	4,620kW @124min <sup>-1</sup>	1 FOT (S)	346.81 m <sup>3</sup>	WINCHES	3(d.drm)	3(d.drm)	
N.C.R. (85%)	3,927kW @117min <sup>-1</sup>	2 FOT (P)	253.39 m <sup>3</sup>	ROPES	6	6	φ53 x 220m, MBL=43.1 ton
MAX CRITICAL RANGE	61~71 min <sup>-1</sup>	FO SETT	8.96 m <sup>3</sup>	Winch BHC	3	3	34.6 ton
AUX. BOILER	Miura, 1 x HB-15T, 15,000kg/h	FO SER	8.97 m <sup>3</sup>	WINDLASS	2	-	
GENERATOR (3 sets)	YANMAR 6EY18ALW, 745kW x 900min <sup>-1</sup>	FO OFLOW	19.90 m <sup>3</sup>	FIRE WIRE	1	1	φ28 x 45m
EMER D.G.	MITSUI, F6L912, 60kW x 1,800min <sup>-1</sup>	<b>TOTAL</b>	<b>984.84 m<sup>3</sup></b>	ANCHOR	2	-	Stbd 10.5 shackles / Port 10.5 shackles
PROPELLER	4 Blade FPP, Dia 5350mm	1 MGO (P)	29.90 m <sup>3</sup>	EMG. TOWING	No	No	
RUDDER	Balanced hanging, 35°	1 MGO (S)	29.20 m <sup>3</sup>				
STEERING GEAR	Rapson-Slide, RV-21-045-NR-T100	2 MGO (P)	150.47 m <sup>3</sup>				
FW GENERATOR CAP	Miura, WM-15SK, 15T/day	3 MGO (P)	102.92 m <sup>3</sup>				
BOW THRUSTER	N.A	MGO Srv	8.89 m <sup>3</sup>				
		MGO Sett	8.89 m <sup>3</sup>				
		<b>TOTAL</b>	<b>330.27 m<sup>3</sup></b>				



CARGO AND BALLAST PUMPING SYSTEM

MAIN PUMPS	NO.	CAPACITY	HEAD	RPM
CARGO Framo	10	300m <sup>3</sup> /hr	115mlc	2660
CARGO Framo	6	200m <sup>3</sup> /hr	115mlc	2990
BALLAST Heishin	2	300m <sup>3</sup> /hr	0.34MPa	1800
TANK CLNG Framo	2	128m <sup>3</sup> /hr	100 mlc	2712

CARGO HOSE CRANES

1 Set x 10 ton x 18 m

IG / VAPOR EMISSION / VENTING

IG BLOWER CAPACITY	2000 M <sup>3</sup> /Hr
P/V VALVE PR./ VAC. SETTING	20kPa / -3.5 kPa

FIRE FIGHTING SYSTEM

E/RM	CO <sub>2</sub> , SEA WATER, HYPER MIST
PUMP ROOM	CO <sub>2</sub> , SEA WATER
CARGO/DK AREA	LOW EXPANSION FOAM, SEA WATER

LIFE BOATS

2x 30 Persons
Type: FRP
TOTALLY ENCLOSED TYPE

MANIFOLD ARRANGEMENT

Distance of cargo manifold to cargo manifold	700 mm
Distance of cargo manifold to vpr. return manifold	1500 mm
Distance of top of rail to centre of manifold	906 mm
Distance of manifold to ship side	5520 mm
Distance of manifold from keel	15.487 m

Min Bow Drft: 3.90 m

Blst Drft: F4.45 m, A 6.80 m

MARPOL Trim: m

Propeller Immer.: 5.575 m