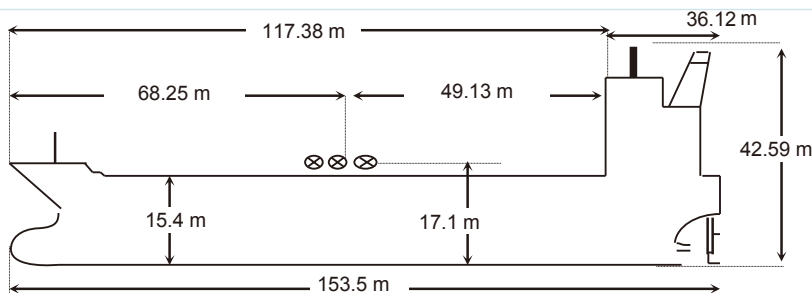




NAME	FORMOSAGAS CRYSTAL	KEEL LAID	05-Apr-05	SATELLITE COMMUNICATION 中華電信 FX E-MAIL fpmccrystal@gmail.com FBB-PHONE 8707 7391 0326 FX-PHONE 761703219 INM SAT-C 441600462 / 441647710 MMSI 416477000 EX. NAMES N/A CS / FLAG N/A
CALL SIGN	BNIO	LAUNCHED	24-Jun-05	
FLAG	TAIWAN R.O.C.	DELIVERED	29-Mar-06	
PORT OF REGISTRY	KEELUNG	SHIPYARD	JINGNAN SHIPYARD	
OFFICIAL NUMBER	15393		JIANG CO., LTD.	
IMO/LLOYDS NUMBER	9318618			
CLASS SOCIETY	CR & ABS			
CLASS NOTATION	CR100+E CSM(CAU)+IGS Liquefied Gas Carried(Type 2G with Independent tank Type C, 4.9bar g,-104 C),LCS			
P & I CLUB	THESTEAMSHIP MUTUAL UNDERWRITING ASSOCIATION LIMITED			

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

PRINCIPAL DIMENSIONS	
LOA	153.5 m
LBP	145.97 m
BREADTH (Extreme)	23.1 m
DEPTH (moulded)	12.7 m / 14.5m
HEIGHT (maximum)	42.59 m
BRIDGE FRONT - BOW	117.38 m
BRIDGE FRONT - STERN	36.12 m
BRIDGE FRONT - M'FOLD	49.13 m



TONNAGE	REGD	SUEZ	Panama
NET	4,772	15,136.18	
GROSS	15,175	16,151.73	
GROSS Reduced (R'n:13495)			

LOAD LINE INFORMATION	FREEBOARD	DRAFT	DWT
TROPICAL	5.614 M	9.800 M	18,270.00 MT
SUMMER	5.814 M	9.600 M	17,659.00 MT
WINTER	6.014 M	9.4 M	16,993.70 MT
SEG. BALLAST COND'N			
light ship		8036.6	
DWT WITH SBT ONLY		N/A	
FWA @ Summer draft		201	
TPC @ Summer draft		31.90 MT	

TANK CAPACITIES (cbm)					
CARGO TANKS (98 %)		F.W Tanks 100%		BLST TKS (100 %)	
1P/S	5029.910			FPT(U)&(L).	293.20
2P/S	5612.068	BOILER W.T		UBT 1P/S	713.40
3P/S	5611.382	TCFW TK (P)		UBT 2P/S	706.40
		TCFW TK (S)		UBT 3P/S	706.40
		C.W.T.		DBT 1P/S	377.80
		FW General (P)	110.60	DBT 2P/S	635.20
		FW General (S)	110.60	DBT 3P/S	797.00
		DRINKING W.T.	46.20	DBT 4P/S	666.60
				DBT 5P/S	790.80
				DBT 6P/S	492.20
				A.P.K. Tk	194.40
TOTAL	16253.360	TOTAL	267.40	TOTAL	6373.40
OTHER DETAILS					
H. Level Alarm	95%	Independent		MOSASINO	
Overfill Alarm	98%				

MACHINERY / PROPELLER / RUDDER	
MAIN ENGINE	MAN B&W ENGINE 6S42MC-MK7
M.C.R	5955KW, 127RPM
N.C.R. (75%)	4466KW, 115 RPM
MAX CRITICAL RANGE	49~57 RPM
AUX. BOILER	AALBORG SMOKE TUBE 1800KG/H
GENERATOR (3 sets)	MANB&W L23/30H 1000KW
EMER.D.G.	SISU DIESEL 645 , 200KW
PROPELLER	4BLADE FPP DIA 5400mm
RUDDER	SEMI SPADE,35°
STEERING GEAR	GEAR REG090
FW GENERATOR CAP	ALFA LAVAL 20Tons/Day
BOW THRUSTER	N/A

BUNKER TANKS	
1 FOT (P)	442.20 m ³
1 FOT (S)	457.80 m ³
2(P) MGO	120.50 m ³
2 FO (S)	297.70 m ³
HFO DRAIN TK	12.90 m ³
NO.1 FO OVER	33.30 m ³
NO.2 FO OVER	30.20 m ³
NO.1 FO Serv	49.30 m ³
NO.2 FO Serv	47.40 m ³
FO SETT	48.30 m ³
TOTAL	1539.60 m³
MGO DAILY	13.90 m ³
MOG (P)	66.20 m ³
MOG (S)	43.20 m ³
TOTAL	123.30 m³

WINCHES / WINDLASS / ROPES / EMERGENCY TOWING			
	FWD	AFT	PARTICULARS
WINCHES	4	4	100kn 15m/min 0.25m/s
ROPES	7	7	200m
Winch BHC	NIL	NIL	
WINDLASS	2	NIL	200kn 9m/min 0.15m/s
FIRE WIRE	1	1	
ANCHOR	2	NIL	Stbd 11 shackles / Port 10 shackles
EMG.TOWING	NIL	NIL	Anchor chain: 68 mm
	NIL	NIL	



CARGO AND BALLAST PUMPING SYSTEM

CARGO CENTRI.	NO.	CAPACITY	HEAD	RPM
CARGO PUMP	6	250 m ³ /hr	120mLC	1750
DW150/150-3-k+1				
SVANEHOJ				
BALLAST PUMP	2	300 m ³ /hr		
TANK CLNG Framo	NIL			

CARGO HOSE CRANES

1 Set x(18m) 5 Ts

IG / VAPOR EMISSION / VENTING

Capacity generated by N2 generator	760 cum/Hr. 99.8%
P/V VALVE PR./ VAC. SETTING	3.5Bar/USCG 4.9Bar/IMO

FIRE FIGHTING SYSTEM

E/RM	CO ₂ , HYPER MIST3% FOAM
PUMP ROOM	CO ₂
CARGO/DK AREA	DRY POWDER, WATER SPRAY

LIFE BOATS

25 persons

Type: FRP

TOTALLY ENCLOSED TYPE

MANIFOLD ARRANGEMENT

Distance of cargo manifold to cargo manifold	2.4 M
Distance of cargo manifold to vpr. return manifold	2.4 M
Distance of top of rail to centre of manifold	0.5 M
Distance of manifold to ship side	3.48 M
Distance of manifold from keel	17.1 M

Min Bow Drft:4.899m

Blst Drft: F4.899m, A 7.116 m

MARPOL Trim: N/A

Propeller Immer.:5.8m