

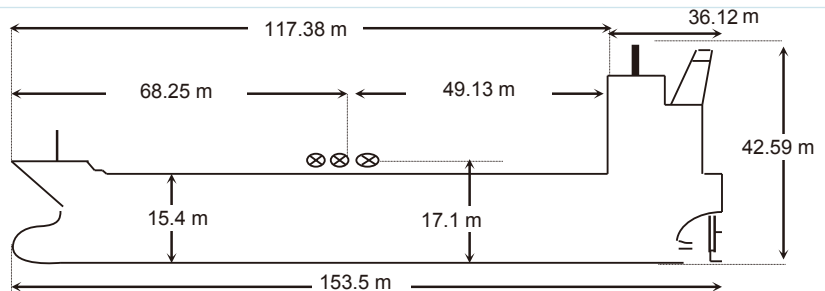


PRINCIPAL PARTICULARS

NAME	FORMOSAGAS DIAMOND	KEEL LAID	16-May-05	SATELLITE COMMUNICATION		
CALL SIGN	BIBF	LAUNCHED	22-Sep-05	V SAT		
FLAG	TAIWAN R.O.C.	DELIVERED	27-Jun-06	E-MAIL	formosa.diamond@gmail.com	
PORT OF REGISTRY	KEELUNG	SHIPYARD	JIANGNAN SHIPYARD GROUP CO., LTD	FBB-PHONE	870 77317541	
OFFICIAL NUMBER	15787				FX-PHONE	761703282 / 761703283
IMO/LLOYDS NUMBER	9318620				INM SAT-C	441601510 / 441601511 / 441601512
CLASS SOCIETY	CR & DNV			MMSI	416015000	
CLASS NOTATION	DNV +1A1,TANKER For Liquefied Gas(-104°C;4.9 bar(g);0.972 t/m3),Ship Type 2G,EO,INERT CR100+E Liquefied Gas Carried(Type 2G with Independent tank Type C, 4.9bar g,-104 C),LCS			EX. NAMES	N/A	
P & I CLUB	THESTEAMSHIP MUTUAL UNDERWRITING ASSOCIATION LIMITED			CS / FLAG	N/A	

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	119.24 m
BRIDGE FRONT - STERN	34.26 m
BRIDGE FRONT - M'FOLD	50.99 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	9.8 M	18,270.00 MT
SUMMER	5.814 M	9.6 M	17,659.00 MT
WINTER	6.014 M	9.4 M	16,993.70 MT
SEG. BALLAST COND N			
light ship		8261	
DWT WITH SBT ONLY			
FWA @ Summer draft		201	
TPC @ Summer draft		31.90 MT	

TANK CAPACITIES (cbm)					
CARGO TANKS (98 %)			FW Tanks 100%		BLST TKS (100 %)
1P	2514.690				FPT(U)&(L). 293.20
1S	2515.090		BOILER W.T		WBT 1Ws 377.80
2P	2807.590		TCFW TK (P)		WBT 2Ws 635.20
2S	2808.460		TCFW TK (S)		WBT 3Ws 797.00
3P	2807.620		C.W.T.		WBT 4Ws 666.60
3S	2809.030		FW General (P) 110.60		WBT 5Ws 790.80
			FW General (S) 110.60		WBT 6Ws 492.20
			DRINKING W.T. 46.20		UBT 1P/S 713.40
7Ws	N/A				UBT 2P/S 706.40
Slops-P	N/A				UBT 3P/S 706.40
Slops-S	N/A				A.P.K. Tk 219.00
TOTAL	16262.750		TOTAL	267.40	TOTAL 6398.00
OTHER DETAILS					
H. Level Alarm	95%	Independent			
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 m³
1 FOT (S)	457.80 m³
2(P) MGO	120.50 m³
2 FO (S)	297.70 m³
HFO DRAIN TK	12.90 m³
NO.1 FO OVER	33.30 m³
NO.2 FO OVER	30.20 m³
NO.1 FO Serv	49.30 m³
NO.2 FO Serv	47.40 m³
FO SETT	48.30 m³
TOTAL	1538.80 m³
MGO DAILY	13.90 m³
MOG (P)	66.20 m³
MOG (S)	43.20 m³
TOTAL	123.30 m³

WINCHES / WINDLASS / ROPES / EMERGENCY TOWING			
	FWD	AFT	PARTICULARS
WINCHES	4	4	100kn 15m/min 0.25m/s
ROPES	4	4	200m
Winch BHC	4	4	
WINDLASS	2	0	
FIRE WIRE	2	1	
ANCHOR	2	0	Stbd 11 shackles / Port 10 shackles
EMG.TOWING	N/A	N/A	
	N/A	N/A	



CARGO AND BALLAST PUMPING SYSTEM

CARGO	NO.	CAPACITY	HEAD	RPM
CARGO	6	250 m ³ /hr	120mLC	1750
BALLAST	2	300 m ³ /hr		
TANK CLNG Framo		N/A		

CARGO HOSE CRANES

1 SET*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 , MIST
PUMP ROOM	CO ₂
CARGO/DK AREA	DRY POWDER, WATER SPRAY

LIFE BOATS

persons
25
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:

Propeller Immer.:5.8m