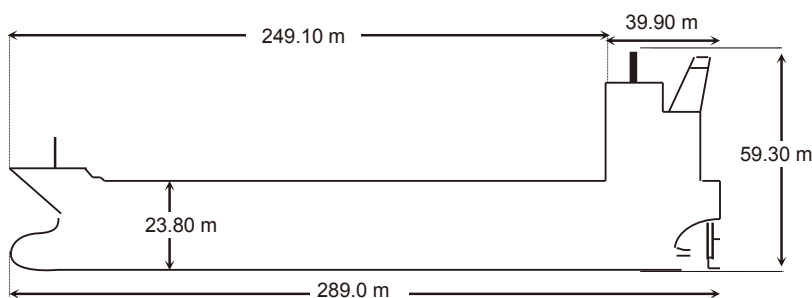


PRINCIPAL PARTICULARS

NAME	FORMOSABULK BRAVE	KEEL LAID	07-Jul-00	SATELLITE COMMUNICATION	
CALL SIGN	A8EN8	LAUNCHED	01-Dec-00	V SAT	INM-FBB, INM-C
FLAG	LIBERIA	DELIVERED	07-Mar-01	E-MAIL	fpmcbbrave@gmail.com
PORT OF REGISTRY	MONROVIA	SHIPYARD	IHI KURE SHIPYARD, JAPAN	FBB-PHONE	870 773 911 190
OFFICIAL NUMBER	12293			INM SAT-C	463695785
IMO/LLOYDS NUMBER	9222730			MMSI	636012293
CLASS SOCIETY	BV			EX. NAMES	N/A
CLASS NOTATION	I *HULL *MACH Bulk carrier ESP - nonhomload Unrestricted navigation * AUT - UMS, MON -SHAFT, INWATERSURVEY,Unrestricted navigation				
P & I CLUB	STEAMSHIP MUTUAL			CS / FLAG	N/A

OWNERS	BRAVE ONE MARITIME S.A.
OPERATORS	Formosa Plastic Marine Corp.

PRINCIPAL DIMENSIONS	
LOA	289.00 m
LBP	277.00 m
BREADTH (Extreme)	45.00m
DEPTH (moulded)	23.80 m
HEIGHT (maximum)	59.30 m
BRIDGE FRONT - BOW	249.10 m
BRIDGE FRONT - STERN	39.90 m
BRIDGE FRONT - M'FOLD	NA



TONNAGE	REGD	SUEZ	Panama	TANK CAPACITIES (cbm)						
				HOLD	CUB.M	CUB.FT	BLST TKS (100 %)			
NET	56237	84990.05		NO.1	20168.7	712252.0	F.W Tanks 100%	FPT	4042.5	
GROSS	84448	86092.55		NO.2	23602.4	833510.0	BOILER WT	WBT 1W	4542.7	
GROSS Reduced (R'n:13495)				NO.3	19984.2	705736.0	TCFW TK (P)	WBT 2Wp&s	11889.4	
				NO.4	19988.0	705871.0	TCFW TK (S)	WBT 3Wp&s	10978.0	
				NO.5	19845.3	700732.0	C.W.T.	WBT 4Wp&s	10974.0	
				NO.6	19883.9	702192.0	FW General (P)	202.8	WBT 5Wp&s	9502.0
				NO.7	20040.4	707719.0	FW General (S)	138.0	#6 C.H	20078.3
				NO.8	23253.9	821203.0	DRINKING W.T.			
				NO.9	19907.9	703040.0		APT	1222.10	
				TOTAL	186674.7	6592355	TOTAL	340.80	TOTAL	73229.00

LOAD LINE INFORMATION	FREEBOARD	DRAFT	DWT
TROPICAL	5.857	17.993	174,305.00
SUMMER	6.224	17.626	170,085.00
WINTER	6.591	17.259	165,873.00
SEG. BALLAST COND			
light ship		20989	
DWT WITH SBT ONLY			
FWA @ Summer draft		415 mm	
TPC @ Summer draft		114.90	

OTHER DETAILS			
H. Level Alarm		Independent	
Overfill Alarm			

MACHINERY / PROPELLER / RUDDER	
MAIN ENGINE	DU-SULZER 6RTA72 X 1 SET
M.C.R	16040 KW x 93.0 rpm
N.C.R. (75%)	13635 KW x 88.1 rpm
MAX CRITICAL RANGE	40-48.5 RPM
AUX. BOILER	OEVC2-150/165-22 VETICAL COMPOSITE BLR
GENERATOR (3 sets)	6N21 AL-UV,YANMAR
EMER D.G.	MKR:DEMP,TYPE:D2866E,125KW*1800RPM
PROPELLER	4 BLADED, SOLID TYPE, DIA 7.75m,PITCH 5.680
RUDDER	Streamlined semi-balanced hanging
STEERING GEAR	Electro-hyd.,2-ram,4-cyl.,TYPE:DF-200
FW GENERATOR CAP	25T/day,MKR:SASAKURA,TYPE:EX-3M
BOW THRUSTER	N.A

BUNKER TANKS	
1 FOT (P)	1035.2 m ³
1 FOT (S)	1035.2 m ³
2 FOT (P)	1560.4 m ³
2 FOT (S)	1218.5 m ³
2FO(S)out	
FO SETT	35.7 m ³
FO SER	30.1 m ³
LSFO sett	
LSFO Serv	
FO OFLOW	18.3 m ³
TOTAL	4933.4 m ³
MGO	245.5 m ³
MOG Srv 1	28.2 m ³
MOG Srv 2	
TOTAL	273.7 m ³

WINCHES / WINDLASS / ROPES / EMERGENCY TOWING	PARTICULARS		
	FWD	AFT	
WINCHES	8	8	Electro-hydraulic semi-enclosed type
ROPES	8	8	220m
Winch BHC			27mt
WINDLASS	2		Electro-hydraulic semi-enclosed type
FIRE WIRE	1	1	NA
ANCHOR	2		AC14 Stockless,high holding type 11025kg
EMG.TOWING	YES	YES	Mooring line: 70mm
	1	1	



CARGO AND BALLAST PUMPING SYSTEM				
MAIN PUMPS	NO.	CAPACITY	HEAD	RPM
CARGO Framo				
CARGO Framo				
BALLAST Framo	2	2500m ³ /hr	30 m	1150
TANK CLNG Framo				

CARGO HOSE CRANES
NA

IG / VAPOR EMISSION / VENTING	
IG BLOWER CAPACITY (2 nos)	NA
P/V VALVE PR./ VAC. SETTING	NA

FIRE FIGHTING SYSTEM	
E/RM	HIGH EXPANSION FOAM
PUMP ROOM	NA
CARGO/DK AREA	SEA WATER FIRE FIGHTING SYSTEM

LIFE BOATS
2 x 30 Persons
Type: FREEFALL
TOTALLY ENCLOSED TYPE

MANIFOLD ARRANGEMENT	
Distance of cargo manifold to cargo manifold	NA
Distance of cargo manifold to vpr. return manifold	NA
Distance of top of rail to centre of manifold	NA
Distance of manifold to ship side	NA
Distance of manifold from keel	NA

Min Bow Drft: 7.7 m(in rough sea)
Blst Drft: F5.9 m, A 8.70 m
MARPOL Trim: 2.7 m
Propeller Immer.: 7.85m