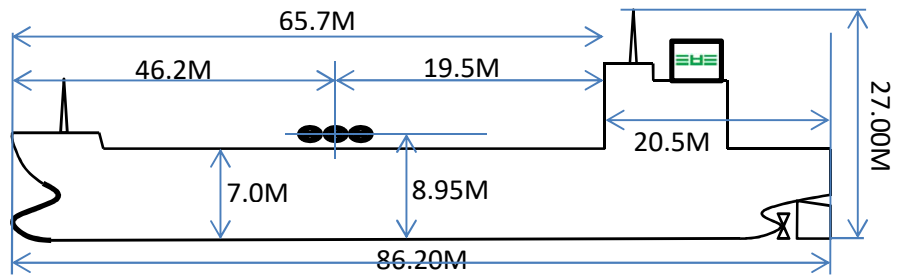


NAME	GRACE SAMBU	KEEL LAID	12TH OCT 1996
CALL SIGN	DSPD6	LAUNCHED	12TH FEB 1997
FLAG	REPUBLIC OF KOREA	DELIVERED	21ST APR 1997
PORT OF REGISTRY	BUSAN	SHIPYARD	FASECO SHIPBUILDING CO.,LTD (GEOJE,KOREA)
OFFICIAL NUMBER	BSR-070507		
IMO/LLOYDS NUMBR	9166338		
CLASS SOCIETY	KOREAN REGISTER		
CLASS NOTATION	+KRS1 OIL/CHEMICAL TANKER(DOUBLE HULL)'ESP'(FBC) PRODUCT/2 2G 1.5 S.G(IBC) CLEAN1 LI +KRM1 BWE VEC1		
OWNERS	SAMBU SHIPPING CO.,LTD.		
OPERATORS	SAMBU SHIPPING CO.,LTD.		

PRINCIPAL DIMENSIONS	
LOA	86.20 M
LBP	78.60 M
BREADTH (Extreme)	14.0 M
DEPTH (moulded)	7.0 M
HEIGHT (maximum)	27.00 M
BRIDGEFRONT - BOW	65.70 M
BRIDGEFRONT - STERN	20.50 M
BRIDGEFRONT - M'FOLD	19.50 M



TONNAGE	REGD		
NET	978		
GROSS	2,153		
LOAD LINE INFORMATION	FREEBOARD	DRAFT	DWT
TROPICAL	1.140	5.883	3,487.673
SUMMER	1.260	5.763	3,368.363
WINTER	1.380	5.643	3,250.083
SEG. BALLAST CONDN	3.782	3.241	973.574
light ship		1,428.606	
DWT WITH SBT ONLY		651.032	
FWA @ Summer draft		121mm	
TPC @ Summer draft		9.9 MT	

TANK CAPACITIES ( cbm )					
CARGO TANKS (98 %)				BLST TKS (100 %)	
1C	261.475	F.W Tanks 100%		FPT.	72.565
2P	353.975	BOILER W.T	N/A	WBT 1C	37.448
2S	355.654	F.W.T (P)	49.004	WBT 2P	57.361
3P	427.825	F.W.T (S)	47.507	WBT 2S	57.922
3S	427.749	C.W.T.	133.455	WBT 3P	74.328
4P	404.751	FW General (P)	N/A	WBT 3S	74.328
4S	403.770	DRINKING W.T.(S)	N/A	WBT 4P	71.850
5P	381.020	DIST. W.T.(S)	N/A	WBT 4S	71.850
5S	382.241			WBT 5P	67.004
SLOP	95.776			WBT 5S	67.004
TOTAL	3494.236	TOTAL	229.966	TOTAL	651.032
OTHER DETAILS					
H.Level Alarm	95%	Independent	HANI A IMS		

MACHINERY / PROPELLER / RUDDER	
MAIN ENGINE	SSANGYONG MAN B&W 8L 28/32A
M.C.R	2,665 PS * 775RPM
N.C.R. (75%)	2,265 PS * 734RPM
MAX CRITICAL RANGE	N/A
AUX. BOILER	VWH-2500E
GENERATOR (3 sets)	CATERPILLAR DIT-3406 367PS 269.9KW/1800RPM
EMER.D.G.	N/A
PROPELLER	4BLADES SOLID
RUDDER	MONOVEC SPADE SCHILLING RUDDER 29.4m² 696KN.M
STEERING GEAR	KRS-100V 10M-T *3.7KW*1750RPM
FW GENERATOR CAP	
BOWTHRUSTER	N/A

BUNKER TANKS	
F.O.T (P)	66.139 m³
F.O.T (S)	62.594 m³
2 FOT	N/A
2 FO (S)in	N/A
2FO(S)out	N/A
FO SETT	5.140 m³
FO SER	4.671 m³
LSFO sett	N/A
LSFO Serv	N/A
FO OFLOW	N/A
TOTAL	146.644 m³
D.O.T(P)	30.656 m³
D.O.T(S)	30.062 m³
D.O SERV	3.341 m³
D.O SERV	4.759 m³
TOTAL	68.818 m³

WINCHES/WINDLASS/ROPES/EMERGENCY TOWING			
	FWD	AFT	PARTICULARS
WINCHES	NIL	1	500mm(DRUM DIA)
ROPE	4	4	200m(L) 55mm(DIA)
Winch BHC	2	2	12 TON
WINDLASS	2	NIL	
FIRE WIRE	1	1	Owner supply
ANCHOR	2	0	Stbd 8 shackles / Port 8 shackles
EMG.TOWING	YES	YES	
	1	1	

CARGO AND BALLAST PUMPING SYSTEM				
MAIN PUMPS	NO.	CAPACITY	HEAD	RPM
CARGO Framo	10	179CM/HR	72	
BALLAST Framo	1	200CM/HR	20	
TANK CLNG Framo	1	80CM/HR	80	

MANIFOLD ARRANGEMENT	
Distance of cargo manifold to cargo manifold	150mm
Distance of cargo manifold to vpr. return manifold	90mm
Distance of top of rail to centre of manifold	450mm
Distance of manifold to ship side	2300mm
Distance of manifold from keel	8950mm

## PRINCIPAL PARTICULARS

CARGO HOSE CRANES		LIFE BOATS	FIRE FIGHTING SYSTEM	
1 Set X 0.9 T		2x 14 Persons	E/RM	FIXED CO2,45L,135L FOAM WATERMIST
IG / VAPOR EMISSION / VENTING			PUMP ROOM	FIXED CO2, PORTABLE FOAM
IG BLOWER CAPACITY		Type: HDL-65CF	CARGO/DK AREA	DRY POWDER , FOAM MONITOR
P/V VALVE PR./ VAC. SETTING	2,100/-350 mm W.C	TOTALLY ENCLOSED TYPE		
		Min Bow Drft:		
		Blst Drft: F , A		
		MARPOL Trim:		
		Propeller Immer.:		