

SHIP'S PARTICULARS M/T SUN BROOM

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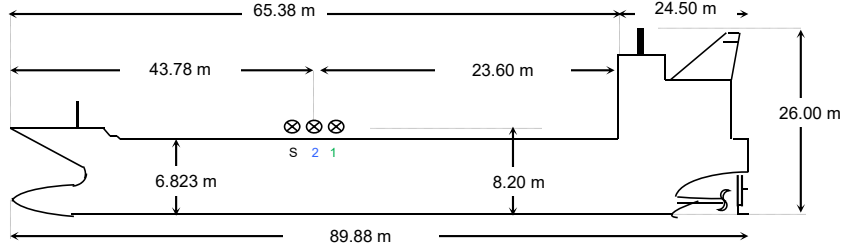
NAME	M/T SUN BROOM
CALL SIGN	D8DB
FLAG	KOREA
PORT OF REGISTRY	JEJU
OFFICIAL NUMBER	JJR-141081
IMO NUMBER	9318644
CLASS SOCIETY	KR
CLASS NOTATION	KR, KRS1, -Oil/Chemical Tanker (Double Hull)'ESP'(FBC)/Product/II2G/1.45S.G(IBC), -KRM1
P & I CLUB	KOREA P & I CLUB,

KEEL LAID	12.12.2003
LAUNCHED	21.04.2004
DELIVERED	11.08.2004
SHIPYARD	NAKATANI SHIPBUILDING CO. LTD. JAPAN

SATELLITE COMMUNICATION	
	MVSAT
E-MAIL	sunbroom@shipman.co.kr
PHONE	Bridge : +82-70-4105 2796
PHONE	Capt. RM : +82-70-4105 2797
TELEX	444000992
MMSI	441998000
Mob.Phone	82-10-5712-5903
CS / FLAG	N/A
EX. NAMES	N/A

OWNERS	SHIPMAN CO., LTD RM 1007, 263, Jungang-Daero, Dong-Gu, Busan, Korea Tel: +82-51-469-5945 Fax: +82-51-469-4069 Emai : shipman@shipman.co.kr
OPERATORS	KTS Shipping Co., Ltd. RM 505, kunshin Bldg., 16, Sangae-ro, mapo-gu, seoul, republic of korea (Zip Code : 04713) TEL : +82-2-711-6901 FAX : +82-2-711-6903 E-MAIL : mail@ktsshipping.com

PRINCIPAL DIMENSIONS	
LOA	89.88 m
LBP	84.00m
BREADTH (Extreme)	14.70 m
DEPTH (molded)	6.80 m
HEIGHT (maximum)	26.00 m
BRIDGE FRONT - BOW	65.38 m
BRIDGE FRONT - STERN	24.50 m
BRIDGE FRONT - M'FOLD	23.60 m



TONNAGE	REGD	SUEZ
NET	1000	NA
GROSS	2535	NA

LOAD LINE INFORMATION	FREEBOARD	DRAFT	DWT
TROPICAL	1.330m		
SUMMER	1.330 m	5.493 m	3,655 mt
WINTER	1.444m	5.379 m	3,520 mt
NORMAL BALLAST COND	3.605 m	3.218 m	1,267 mt
LIGHT WEIGHT	1,695 mt		
FWA	121.00 Millimeters		
TPC @ Summer draft	9.6 mt/cm		

TANK CAPACITIES (cbm)					
CARGO TANKS (98 %)		BLST TKS (100 %)			
COT 1 P	517.8	SLOP C	372.90		
COT 1 S	517.8		F.P.Tk.	85.22	
COT 2 P	281.5	TOTAL CT'S	3660.3	C.W.Tk	164.61
COT 2 S	281.5			WB T 1 C	192.72
COT 3 P	506.6	F.W Tanks 100%		WB T 2P/S	84.38
COT 3 S	506.6	FW Tank (P)	52.735	WB T 3 C	207.96
COT 4 P	337.8	FW Tank (S)	52.735	WB T 4P/S	117.47
COT 4 S	337.8	TOTAL	105.47	WB T 5 C	208.15
				WB T 6P/S	248.33
				WB T 7 C	68.16
				TOTAL	1376.99
Heating coils - 2 per CT - steam					
Max cargo Temp=65°C					
OTHER DETAILS					
H. Level Alarm	95%	Level gauge	RADAR or FLOAT TYPE		
Overfill Alarm	98%				

MACHINERY / PROPELLER / RUDDER	
MAIN ENGINE	HANSHIN / LH41L
M.C.R.	2427 Kw(3300PS) X 225 min-1
BOW TH'	245 Kw
AUX. BOILER (2 set)	300KG/H (T.O. BLR / HTB-30H) 2000KG/H (MIURA-VWH 2000 (S.T))
GENERATOR (2 sets)	YANMAR / 6NY16L-HN 266 kW X 450 v X 60 hz
EMER D.G. (1)	105.5 kW X 450 v X 60 hz
PROPELLER	Single , CCP , 4 blades
RUDDER	Steamline backrudder 1 set
STEERING GEAR	Electro hydraulic type

BUNKER TANKS	
FOT (P)	96.94
FOT (S)	96.94
FO (SRV)	3.00
FO SETT	3.00
TOTAL	199.88
DOT (C)	49.73
DO Set	
DO Srv	4.6/1.6
TOTAL	55.93

WINCHES / WINDLASS / ROPES / EMERGENCY TOWING			
	FWD	AFT	PARTICULARS
WINDLASS	2	0	EL-HYDRAULIC 8.0/4.0T x 12/24m/min
WINCHES	0	2	EL-HYDRAULIC 5.0/2.5T x 15/30m/min
MRG ROPES	5	4	40 mm DIA X 200 MTRS
TOW LINE	1	0	30 mm DIA x 190m
ANCHOR	2	0	2,100 t
CHAIN	2	0	40 mm DIA , 14, 15 SHACKLES EACH

CARGO AND BALLAST PUMPING SYSTEM				
MAIN PUMPS	NO.	CAPACITY	HEAD	RPM
CARGO OIL P/P	2	150 m3/hr	0.93MPa	1800
STRIPPING P/P	1	60 m3/hr	0.93MPa	1800
BALLAST P/P's	2	200 m3/hr	0.09MPa	1800
TANK CLEANING P/P	1	100 M3/hr	0.69MPa	1800

LIFE BOATS	
2 x 15 Persons	
LIFE RAFTS	
2 x16 Persons	
PROV. CRANE	

MANIFOLD ARRANGEMENT (400 mm / Steel)	
Distance of cargo manifold to cargo manifold	800
Distance of cargo manifold to vpr. return manifold	1150
Distance of manifolds to ship's rail	900
Distance of spill tray grating to centre of manifold	300
Distance of main deck to centre of manifold	1400
Distance of main deck to top of rail	300
Distance of top of rail to centre of manifold	1250
Distance of manifold to ship side	1000
Distance of manifold from keel	8200

CARGO HOSE CRANES	
0.95/0.45 x 5.5/12.0m	

Propeller Immer.: 2.90 m	
dim = 3.20m	

FIRE FIGHTING SYSTEM	
E/RM	CARBON DIOXIDE, HIPER MIST
PUMP ROOM	CARBON DIOXIDE
CARGO/DK AREA	LOW EXPANSION FOAM, SEA WATER

IG / VAPOR EMISSION / VENTING	
BLOWER CAPACITY	100m3/min x 300mmAq
P/V VALVE PR./ VAC. SETTING	2000mm W.G