

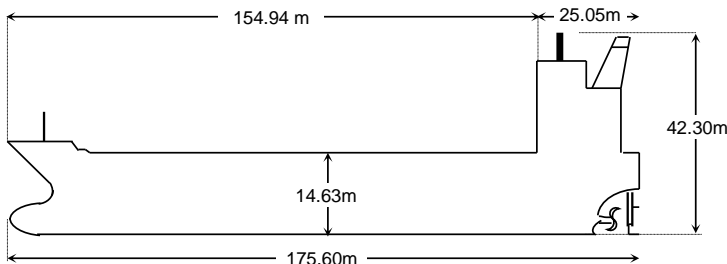
# M/V "Uni Sunshine"

## 36,880 dwt Bulk Carrier

CALL SIGN	VRRT8	KEEL LAID	25-Dec-15
FLAG	HONG KONG	LAUNCHED	15-May-18
PORT OF REGISTRY	HONG KONG	DELIVERED	24-Apr-18
OFFICIAL NUMBER	HK-5028	SHIPYARD	OSHIMA SHIPBUILDING CO., LTD
IMO/LLOYDS NUMBER	9811505		
CLASS SOCIETY	NK		
P & I CLUB	GARD		
CLASS NOTATION	NS*(BCM,BC-XII,GRAB,PSPC-WBT,NC)		
	(IWS)(PSCM)(IHM),MNS*(MO)		



PRINCIPAL DIMENSIONS	
LOA	179.99m
LBP	175.60m
BREADTH (Extreme)	30.00m
DEPTH (molded)	14.63m
HEIGHT (maximum)	42.30m
BRIDGE FRONT - BOW	154.94m
BRIDGE FRONT - STERN	25.05m
LIGHT SHIP DISPLACEMENT	7916MT



TONNAGE	REGD	SUEZ	PANAM
NET	12312	20647.32	18941
GROSS	22734	23079.37	
GROSS Reduced (R'n:13495)	N/A	N/A	

LOAD LINE INFORMATION	FREEBOARD	DRAFT	DWT
TROPICAL	4.127m	10.554m	37,918
SUMMER	4.342m	10.339m	36,880
WINTER	4.557m	10.124	35,844
TROPICAL, LUMBER			
SUMMER, LUMBER			
WINTER, LUMBER			
NORMAL BALLAST		6.100m	
HEAVY BALLAST			
FWA		232	
TPC @ Summer draft		48	

TANK CAPACITIES ( cbm )				
GRAIN		BALE		BALLAST TANK(100%)
CARGO HOLD 1	7624.00	CARGO HOLD 1	7515.00	FPT 759.4
CARGO HOLD 2	10056.00	CARGO HOLD 2	9983.00	WBT1 P/S 1085.5/1085.5
CARGO HOLD 3	10057.00	CARGO HOLD 3	9987.00	WBT2 P/S 696.0/696.0
CARGO HOLD 4	10046.00	CARGO HOLD 4	9976.00	WBT3 P/S 703.2/703.2
CARGO HOLD 5	9261.00	CARGO HOLD 5	9183.00	WBT4 P/S 321.5/321.5
<b>TOTAL</b>	<b>47044.00</b>	<b>TOTAL</b>	<b>46644</b>	WBT5 P/S 129.7/129.7
LOG/LUMBER CAPACITY		Deck Stanchion Height(M)		SWBT1 P/S
DECK(CBM)	HOLD(CBM)			SWBT2 P/S
No.1 3405.0	No.1	No.1	9.5m	SWBT3 P/S 930.3/930.3
No.2 5715.0	No.2	No.2	9.5m	SWBT4 P/S 928.0/928.0
No.3 5720.0	No.3	No.3	9.5m	SWBT5 P/S 773.0/874.5
No.4 4982.0	No.4	No.4	9.5m	APT 475.0
No.5 4786.0	No.5	No.5	9.5m	
<b>Total: 24608</b>	<b>Total: 0.0</b>			<b>TOTAL 14279.5</b>

MACHINERY / PROPELLER / RUDDER	
MAIN ENGINE	Kawasaki-Man B&W 5S50ME-C8.5
M.C.R.	5650KW X 108 RPM
N.C.R.	4270KW X 98.4 RPM
MAX CRITICAL RANGE	55-67
AUX. BOILER (1 set)	Vertical cylindrical composite type
GENERATOR (3 sets)	520KW, AC 450V, 3 φ, 60Hz
EMER D.G. (1 set)	80KW, AC 450V, 3 φ, 60Hz
PROPELLER	5-Bladed solid, Dia:5500mm x pitch(0.7):4167.4mm
RUDDER	Streamline double plate semi-spade rudder
STEERING GEAR	Mitsubishi vane pump type:SFC T6C
FW GENERATOR CAP	15MT/DAY

HFO TANKS(100%)	
NO.1 C	298.8
NO.1 P/S	204.7/184.3
NO.2 C	274.8
NO.2 P	192.1
SETT. TK	13.0
SERV. TK	13.7
<b>TOTAL</b>	<b>1181.4m³</b>
MDO TANKS(100%)	
DO.P/S/NO.2S	70.9/70.9/192.1
SERV. TK	11.0
<b>TOTAL</b>	<b>344.9</b>

WINCHES / WINDLASS / ROPES / EMERGENCY TOWING			
	FWD	AFT	PARTICULARS
WINCHES		2	E.Hydraulic type 15m/min, 73.6KN
WINDLASS	2	N/A	E.Hydraulic type 9-15m/min, 207-73KN
ANCHOR	2	N/A	Stockless / anchor P12sckls Stbd 10Sckls
Emg.Towing	1	1	
<b>F.W Tanks 100%</b>			
FWT P	113.2		
DWT S	126.8		
<b>TOTAL:</b>	<b>240</b>		

CARGO AND BALLAST PUMPING SYSTEM			
MAIN PUMPS	NO.	CAPACITY	HEAD
BALLAST P/P	2	600 m³/hr x 2	0.25
FIRE GS P/P	1	190/90 m³/hr	0.2/0.69
BALLAST Eductor	1	abt 40	

LIFE BOAT	
1x 25 Persons	
5.30m x 2.30m x 1.0m	
RESCUE BOAT	
1x 25 Persons	
5.30m x 2.30m x 1.0m	
LIFE RAFTS	
25 P X 2, 6 P X 1	
L/RAFT HANDLING DAVIT	
NA	

HATCH COVER SIZE		OTHER DETAILS	
H1/16m X 16m		Parallel body length in ballast	86.4
H2-5/19.2m X 20m		Parallel body length in laden	115.2
TANKTOP STRENGTH		TANKTOP DIMENSIONS	
H1 20.68t/m², H2 4 15.05t/m², H3 20.00t/m², H5 20.08t/m²	HOLD 1	F 7.6m, A 22.72m, L 27.555m	
HATCH COVER STRENGTH	HOLD 2	B 25.74m, L 27.555m	
H1-5 3.3t/m²	HOLD 3	B 25.74m, L 27.555m	
UPPER DECK STRENGTH	HOLD 4	B 25.74m, L 27.555m	
4.62t/m²	HOLD 5	F 25.74m, A9.683m, L 27.555m	

DECK CRANES			
4 set x 30 tons X 26m			
Distance WL - Coaming	Hatch No.1	Midships	Last Hatch
Ballast condition	11.8	11.3	10.8
Full ballast condition	11.55	10.82	10.09
Light condition	12.76	11.98	11.19
Full laden condition	6.61	6.37	6.12
Distance from Keel to top of hatch coaming:	16.46m		

Min Bow Drft:4.8 M
Propeller Immer.: 5500m
Cement hole Dia: 750MM

FIRE FIGHTING SYSTEM	
E/RM	CO 2 / WATER / FIXED LOCAL APPLICATION
CARGO HOLD	CO2 / WATER
DECK AREA	WATER



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