

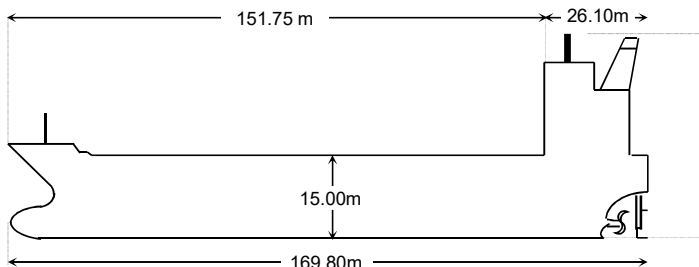
M/V "Uni Harmony"

37,700 dwt Bulk Carrier

CALL SIGN	VRPU6	KEEL LAID	10-Mar-15
FLAG	HONG KONG	LAUNCHED	8-Jun-15
PORT OF REGISTRY	HONG KONG	DELIVERED	21-Jul-16
OFFICIAL NUMBER	HK-4613	SHIPYARD	SHIMANAMI SHIPYARD CO., LTD.
IMO/LLOYDS NUMBER	9775165		
CLASS SOCIETY	NK		
P & I CLUB	GARD		
CLASS NOTATION	NS*(BCM, BC-XII, GRAB, EQ C DG, PSPC-WBT)		
	(WBT)(IWS)(PSCM)(BWTs)(IHM)MNS*		



PRINCIPAL DIMENSIONS	
LOA	179.97 M
LBP	173.00m
BREADTH (Extreme)	29.80m
DEPTH (molded)	15.00 M
HEIGHT (maximum)	44.46m
BRIDGE FRONT - BOW	153.59m
BRIDGE FRONT - STERN	26.38m
LIGHT SHIP DISPLACEMENT	8659MT



TONNAGE	REGD	SUEZ	PANAM
NET	12101	21628.73	
GROSS	23,303	23828.99	
GROSS Reduced (R'n:13495)	N/A	N/A	

TANK CAPACITIES (cbm)					
GRAIN		BALE		BALLAST TANK(100%)	
CARGO HOLD 1	7707.42	CARGO HOLD 1	7380.05	FPT	1031.1
CARGO HOLD 2	9932.74	CARGO HOLD 2	9575.67	WBT1 P/S	480.63/480.63
CARGO HOLD 3	9966.82	CARGO HOLD 3	9578.52	WBT2 P/S	680.34/680.34
CARGO HOLD 4	9955.17	CARGO HOLD 4	9577.94	WBT3 P/S	682.39/682.39
CARGO HOLD 5	9432.71	CARGO HOLD 5	9126.15	WBT4 P/S	680.28/680.28
TOTAL	46994.9	TOTAL	45238.33	WBT5 P/S	485.84/485.84
LOG/LUMBER CAPACITY		Deck Stanchion Height(M)		SWBT1 P/S	
DECK(CBM)	HOLD(CBM)	No.1	9.5m	SWBT2 P/S	1041.5/1041.5
No.1 4438	No.1 7380.1	No.2	9.5m	SWBT3 P/S	753.02/753.02
No.2 5766.2	No.2 9575.7	No.3	9.5m	SWBT4 P/S	753.51/753.51
No.3 5766.8	No.3 9578.5	No.4	9.5m	SWBT5 P/S	568.01/568.01
No.4 5694.5	No.4 9577.9	No.5	9.5m	APT	299.91
No.5 4916.4	No.5 9126.2			TOTAL	14305.1
Total: 26581.9	Total: 45238				

LOAD LINE INFORMATION	FREEBOARD	DRAFT	DWT
TROPICAL	4.281m	10.759m	38,720
SUMMER	4.500m	10.540m	37,655
WINTER	4.719m	10.321m	36,592
TROPICAL, LUMBER	4.032m	11.008m	39,934
SUMMER, LUMBER	4.256m	10.784m	38,841
WINTER, LUMBER	4.555m	10.485m	37,387
NORMAL BALLAST	8.86	6.18	15,466
HEAVY BALLAST			
FWA		238mm	
TPC @ Summer draft		49.1MT	

MACHINERY / PROPELLER / RUDDER	
MAIN ENGINE	Makita MAN-B&W 6S50ME-C8.3
M.C.R.	6780KW X 108 RPM
N.C.R.	5215KW X 99 RPM
MAX CRITICAL RANGE	55-66
AUX. BOILER (1 set)	Composite system vertical type
GENERATOR (3 sets)	480KW, AC 450V, 3 φ, 60Hz
EMER D.G. (1 set)	60KW, AC 450V, 3 φ, 60Hz
PROPELLER	5-Bladed solid type, Dia:5700mm x pitch(0.7):4564
RUDDER	Streamline semi-balanced hanging rudder
STEERING GEAR	Mitsubishi vane pump type:T6C-006-1R03-B1
FW GENERATOR CAP	15MT/DAY

HFO TANKS(100%)	
NO.1 P/S	223.62/223.62
NO.2P/ S	221.16/221.16
NO.3 P/S	221.16/221.16
NO.1 P/S	221.70/221.70
TOTAL	1775.28m³
MDO TANKS(100%)	
NO.5 DO.P	113.83
NO.5 MGO.S	56.74
TOTAL	170.57

WINCHES / WINDLASS / ROPES / EMERGENCY TOWING			
	FWD	AFT	PARTICULARS
WINCHES		2	E.Hydraulic type 15m/min, 122.5KN
WINDLASS	2	N/A	E.Hydraulic type 9m/min, 188.2KN
ANCHOR	2	N/A	Stockless / anchor P11.5sckls Stbd 11.5Sckls
Emg. Towing	1	1	
F.W Tanks 100%			
FWT P	123.22		
FWT S	123.22		
DWT S	48.4		
TOTAL:	294.84		

CARGO AND BALLAST PUMPING SYSTEM			
MAIN PUMPS	NO.	CAPACITY	HEAD
BALLAST P/P	1	600/90 m³/hr	30/65m
FIRE GS P/P	1	200/90 m³/hr	25/65m
BALLAST Eductor	1		

LIFE BOAT	
2x(25) Persons	
RESCUE BOAT	
1x(6)	
LIFE RAFTS	
25 P X 2, 6 P X 1	
L/RAFT HADLING DAVIT	
NA	

HATCH COVER SIZE		OTHER DETAILS	
H1/16.185m X 17.48m		Parallel body length in ballast	91.7
H2-5/20.36m X 20.34m		Parallel body length in laden	105.5
TANKTOP STRENGTH		TANKTOP DIMENSIONS	
H1 20.00m2, H2 15.00m2, H3 20.00m2, H4 20.00m2, H5 20.00m2		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, A9.083m, L 27.555m

DECK CRANES (MITSUBISHI)			
4 set x 30.5 tons, 24mx3set 26mx1set			

Distance WL - Coaming	Hatch No.1	Midships	Last Hatch
Ballast condition	11.06	10.87	10.68
Full ballast condition			
Light condition	15.82	14.73	13.59
Full laden condition	6.43	6.43	6.43
Distance from Keel to top of hatch coaming:	NO.1-5:16.97m		

Min Bow Drft:5.6 M
Propeller Immer.: 5.8m
Cement hole Dia: 700MM

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



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