SHIP'S PARTICULARS (for reference only without guarantee)

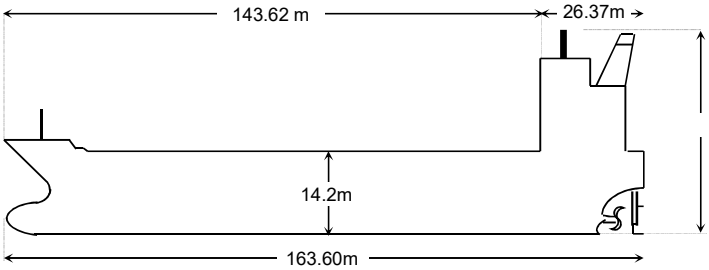
M/V "Uni Challenge"

29,078 dwt Bulk Carrier

CALL SIGN	9VBD7
FLAG	SINGARPORE
PORT OF REGISTRY	SINGARPORE
OFFICIAL NUMBER	397847
IMO/LLOYDS NUMBER	9606546
CLASS SOCIETY	LR
P & I CLUB	GARD
CLASS NOTATION	CSR,BC-A,HOLD Nos 2 and 4 may be empty,
	GRAB [20].8IWS, ESP, LI

KEEL LAID	
LAUNCHED	9-Jan-12
DELIVERED	
SHIPYARD	Nakanishi

PRINCIPAL DIMENSIONS	
LOA	169.99 M
LBP	163.6 M
BREADTH (Extreme)	27.01M
DEPTH (molded)	14.2 M
HEIGHT (maximum)	43.05M
BRIDGE FRONT - BOW	143.62 M
BRIDGE FRONT - STERN	26.37 M
LIGHT SHIP DISPLACEMETNT	7777MT



TONNAGE	REGD	SUEZ	PANAM
NET	10371		
GROSS	18465		
GROSS Reduced (R'n:13495)	N/A	N/A	

LOAD LINE INFORMATION	FREEBOARD	DRAFT	DWT
TROPICAL	3.980m	10.264m	29,933
SUMMER	4.189m	10.055m	29,078
WINTER	4.398m	9.846m	28,225
TROPICAL, LUMBER			
SUMMER, LUMBER			
WINTER, LUMBER			
NORMAL BALLAST			
HEAVY BALLAST			
FWA			
TPC @ Summer draft	40.7MT		

TANK CAPACITIES (cbm)

GRAIN		BALE		BALLAST TANK(100%)	
CARGO HOLD 1	4924.6	CARGO HOLD 1	4790.5	FPT	876.0
CARGO HOLD 2	8678.6	CARGO HOLD 2	8458.0	WBT 1	598.6
CARGO HOLD 3	9210.6	CARGO HOLD 3	8987.9	WBT 2	1416.1
CARGO HOLD 4	8968.3	CARGO HOLD 4	8751.2	WBT 3	1484.0
CARGO HOLD 5	8213.4	CARGO HOLD 5	8082.7	WBT 4	1168.8
TOTAL	39995.5	TOTAL	39070.3	WBT 5	887
				APT	622.9

LOG/LUMBER CAPACITY				Deck Stanchion Height(M)			
DECK(CBM)		HOLD(CBM)					
Total:	0	Total:	0			TOTAL	9215.3

MACHINERY / PROPELLER / RUDDER	
MAIN ENGINE	Hitach Zosen MAN B&W
M.C.R.	5730KW
N.C.R.	5155KW
MAX CRITICAL RANGE	
AUX. BOILER (1 set)	Miura/Composite
GENERATOR (3 sets)	450KW, AC 450V, 60Hz
EMER D.G. (1 set)	
PROPELLER	
RUDDER	
STEERING GEAR	Tokyo Keiki
FW GENERATOR CAP	18MT/DAY

HFO TANKS(100%)	
No.3 P/S	244.81
No.4 P/S	244.81
No.4 C	301.32
No.5 C	256.4
TOTAL	1047.34
MDO TANKS(100%)	
No. 1 P	55.7
No. 2 S	51.7
No. 2 C	31.4

WINCHES / WINDLASS / ROPES / EMERGENCY TOWING			
	FWD	AFT	PARTICULARS
WINCHES	1	1	(F) 18.6T x 9m/min, (A)11.99T x15m/min
WINDLASS	2	N/A	9m/min, 18.6T
ANCHOR	2	N/A	Stockless 62mm x605m
Emg.Towing			
F.W Tanks 100%			
F.W.P	238.4		
D.F.W.T S	97.4		
TOTAL:	335.8		

CARGO AND BALLAST PUMPING SYSTEM				
MAIN PUMPS	NO.	CAPACITY	HEAD	
BALLAST P/P	1	90/450 m^3/hr	20/60m	
FIRE GS P/P	1			
BALLAST Eductor	1			

DECK CRANES
4 set x 30 tonsx 24m Mitsubishi

Distance WL - Coaming	Hatch No.1	Midships	Last Hatch
Ballast condition			
Full ballast condition			
Light condition			
Full laden condition			
Distance from Keel to top of hatch coaming:			

LIFE BOAT
RESCUE BOAT
LIFE RAFTS
L/RAFT HADLING DAVIT

HATCH COVER SIZE	OTHER DETAILS
H1/12.06m X 16.00m	
H2-5/20.10m X 17.6m	

TANKTOP STENGTH	TANKTOP DIMENSIONS	
H1-5 20t/m^2	HOLD 1	B 27.0m, L 18.95m
HATCH COVER STRENGTH	HOLD 2	B 27.0m, L 28.14m
H1-5 4.0t/m^2	HOLD 3	B 27.0m, L 28.14m
UPPER DECK STRENGTH	HOLD 4	B 27.0m, L 28.14m
4.0t/m^2	HOLD 5	B 27.0m, L 27.47m

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

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