

M/V "Clearwater Bay"

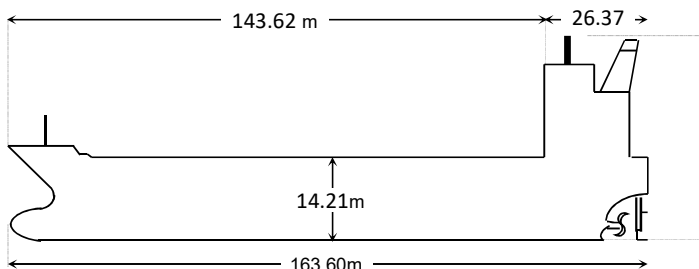
29,118 dwt Bulk Carrier

CALL SIGN	VRKP5
FLAG	HONG KONG
PORT OF REGISTRY	HONG KONG
OFFICIAL NUMBER	HK-3520
IMO/LLOYDS NUMBER	9606534
CLASS SOCIETY	LR
P & I CLUB	GARD
CLASS NOTATION	100A1 Bulk Carrier, CSR, BC-A, Hold Nos 2 and 4 maybe empty, Grab[20],Timber

KEEL LAID	17-Dec-10
LAUNCHED	20-May-12
DELIVERED	19-Jun-13
SHIPYARD	YANGZHOU NAKANISHI SHIPYARD



PRINCIPAL DIMENSIONS	
LOA	169.99 M
LBP	163.60 M
BREADTH (Extreme)	27.0M
DEPTH (molded)	14.2 M
HEIGHT (maximum)	43.05 M
BRIDGE FRONT - BOW	143.62 M
BRIDGE FRONT - STERN	26.37 M
LIGHT SHIP DISPLACEMENT	7,737MT



TONNAGE	REGD	SUEZ	PANAM
NET	10368	16758.61	15433
GROSS	18465	18993.66	15433
GROSS Reduced (R'n:13495)	N/A	N/A	

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	DBT 1 P/S	299.3/299.3
CARGO HOLD 3	9210.6	CARGO HOLD 3	8987.9	DBT 2 P/S	709.4/706.7
CARGO HOLD 4	8968.3	CARGO HOLD 4	8751.2	DBT 3 P/S	742.0/742.0
CARGO HOLD 5	8213.4	CARGO HOLD 5	8952.7	DBT 4 P/S	584.4/584.4
TOTAL	39995.5	TOTAL	39940.3	DBT 5 P/S	443.5/443.5
LOG/LUMBER CAPACITY			Deck Stanchion	TST 1 P/S	167.5/167.5
DECK(CBM)	HOLD(CBM)	Height(M)	TST 2 P/S	417.6/417.6	
			TST 3 P/S	171.4/171.4	
			TST 4 P/S	171.4/171.4	
			TST 5 P/S	232.9/232.9	
			APT	622.9	
			C.H.3	9215.3	
Total: 0	Total: 0		TOTAL	18590.3	

LOAD LINE INFORMATION	FREEBOARD	DRAFT	DWT
TROPICAL	3.983m	10.264m	29,973
SUMMER	4.1931m	10.055 m	29,118
WINTER	4.400m	9.846m	28,265
TROPICAL, LUMBER	3.500m	10.514m	30,986
SUMMER, LUMBER	3.946 m	10.3m	30,120
WINTER, LUMBER	4.232 m	10.014m	28,951
NORMAL BALLAST	8.568 m	5.68m	11,733
HEAVY BALLAST	6.618 m	7.63m	19,473
FWA	226MM		
TPC @ Summer draft	40.70MT		

MACHINERY / PROPELLER / RUDDER	
MAIN ENGINE	Hitachi 5S50MC-6
M.C.R.	5730KW X 104 RPM
N.C.R.	5155KW X 100RPM
MAX CRITICAL RANGE	N/A
AUX. BOILER (1 set)	GK-2430
GENERATOR (3 sets)	450KW, AC 450V, 3φ, 60Hz
EMER D.G. (1 set)	64KW, AC 450V, 3φ, 60Hz
PROPELLER	NAKASHIMA 4 BLADE SOLID,KEYLESS
RUDDER	DOUBLE PLATED MARINE TYPE
STEERING GEAR	Kawasaki 15.0KW pump unit x 2
FW GENERATOR CAP	20.8MT/DAY

HFO TANKS(100%)	
NO.3 P	249.9
NO.3 S	249.9
NO.4 P	249.9
NO.4 S	249.9
NO.4 C	301.3
NO.5 C(L.S)	256.4
TOTAL	1557.3
MDO TANKS(100%)	
NO.1 P	55.7
NO.1 S	51.7
NO.2 C(L.S)	31.4

WINCHES / WINDLASS / ROPES / EMERGENCY TOWING			
	FWD	AFT	PARTICULARS
WINCHES	2	2	E.Hydraulic haulingspd 9m/min, 12 T
WINDLASS	2	N/A	E.Hydraulic haulingspd 15m/min, 12 T
ANCHOR	2	N/A	Stockless anch Port 11 sckls Stbd 11 Sckls
Emrg.Towing	2		28MM X 100M
F.W Tanks 100%			
F.W.P	119.2		
F.W.S	119.2		
DIST.TK	48.6		
D.W	48.6		
TOTAL:	335.6		

CARGO AND BALLAST PUMPING SYSTEM			
MAIN PUMPS	NO.	CAPACITY	HEAD
BALLAST P/P	1	450/90 cbm/hr	25/60M
FIRE GS P/P	1	450/90 cbm/hr	25/60M
BALLAST Eductor	1		

LIFE BOAT	
1x 25 Persons	
6.65M x 2.70M x 1.20M	
RESCUE BOAT	
1 X 6 Persons	
4.20M X 1.86M X 0.86M	
LIFE RAFTS	
25 P X 2, 6 P X 1	
L/RAFT HADLING DAVIT	
SWL 21KN	

HATCH COVER SIZE		OTHER DETAILS	
H1/12.06M X 16.00M		Parallel body length in ballast	84.40m
H2-5/20.10M X 17.60M		Parallel body length in laden	97.30m
TANKTOP STRENGTH		TANKTOP DIMENSIONS	
HOLD 1-5	20t/sq.m	HOLD 1	F 6.24M, A 19.07M, L 18.06M
HATCH COVER STRENGTH		HOLD 2	F 19.40M, A 20.80M, L 24.12M
H1/3.5t/sq.m, H2-5/3.0t/sq.m		HOLD 3	F 20.80M, A 20.80M, L 28.14M
UPPER DECK STRENGTH		HOLD 4	F 20.80M, A 20.80M, L 26.13M
4.0t/m ²		HOLD 5	F 20.80M, A 9.60M, L 25.46M

DECK CRANES (MITSUBISHI)			
4 set x 30 tonsx 26m			
Distance WL - Coaming	Hatch No.1	Midships	Last Hatch
Ballast condition	12.45 M	11.39 M	10.33 M
Full ballast condition	10.54 M	10.03 M	9.52 M
Light condition	15.85 M	14.33 M	12.82 M
Full laden condition	7.21 M	6.76 M	6.31 M
Distance from Keel to top of hatch coaming:	16.80 M		

Min Bow Drft:3.95 M
Propeller Immer.: 6.00m
Cement hole Dia: 670MM

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

