

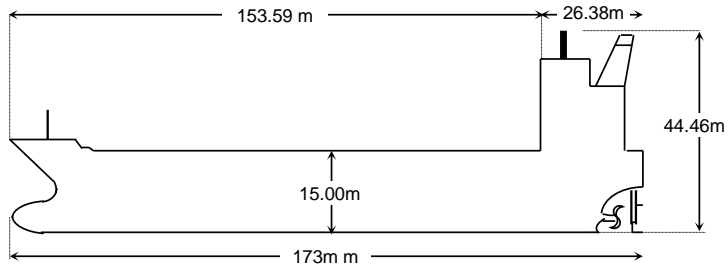
# M/V "Island Bay"

## 37,000 dwt Bulk Carrier

CALL SIGN	VRNJ4	KEEL LAID	17-Dec-10
FLAG	HONG KONG	LAUNCHED	16-Jun-14
PORT OF REGISTRY	HONG KONG	DELIVERED	31-Jul-14
OFFICIAL NUMBER	HK-4102	SHIPYARD	Shimanami shipyard Co.,Ltd
IMO/LLOYDS NUMBER	9663283		
CLASS SOCIETY	NK		
P & I CLUB	GARD		
CLASS NOTATION	NS MNS(M0),		
	Hold Nos 2 and 4 may be empty		



PRINCIPAL DIMENSIONS	
LOA	179.97 M
LBP	173.0 M
BREADTH (Extreme)	29.80M
DEPTH (molded)	15.0 M
HEIGHT (maximum)	44.46 M
BRIDGE FRONT - BOW	153.59 M
BRIDGE FRONT - STERN	26.38 M
LIGHT SHIP DISPLACEMENT	8665MT



TONNAGE	REGD	SUEZ	PANAM
NET	12197	21726.34	19479
GROSS	23389	23960.49	
GROSS Reduced (R'n:13495)	N/A	N/A	

LOAD LINE INFORMATION	FREEBOARD	DRAFT	DWT
TROPICAL	4.281m	10.759m	38,714
SUMMER	4.500m	10.54m	37,649
WINTER	4.719m	10.321m	36,586
TROPICAL, LUMBER	4.032m	11.008m	39,928
SUMMER, LUMBER	4.256m	10.784m	39,928
WINTER, LUMBER	4.555m	10.485m	37,381
NORMAL BALLAST	8.7m	6.6m	
HEAVY BALLAST	N/A		
FWA		238MM	
TPC @ Summer draft		49	

TANK CAPACITIES ( cbm )					
GRAIN		BALE		BALLAST TANK(100%)	
CARGO HOLD 1	7761.8	CARGO HOLD 1	7434.4	FPT	1031.1
CARGO HOLD 2	10012.9	CARGO HOLD 2	9655.8	DBT 1 P/S	961.26
CARGO HOLD 3	10047.0	CARGO HOLD 3	9658.7	DBT 2 P/S	1360.7
CARGO HOLD 4	10035.3	CARGO HOLD 4	9658.1	DBT 3 P/S	1364.8
CARGO HOLD 5	9512.9	CARGO HOLD 5	9206.3	DBT 4 P/S	1360.6
<b>TOTAL</b>	<b>47369.8</b>	<b>TOTAL</b>	<b>45613.3</b>	DBT 5 P/S	971.7
LOG/LUMBER CAPACITY			Deck Stanchion		
DECK(CBM)	HOLD(CBM)		Height(M)		
				TST 1 P/S	2083.1
				TST 2 P/S	1506
				TST 3 P/S	1507.3
				TST 4 P/S	1507
				TST 5 P/S	1136
				APT	299.9
				C.H.3	N/A
<b>Total: 0</b>	<b>Total: 0</b>			<b>TOTAL</b>	<b>15089.3</b>

MACHINERY / PROPELLER / RUDDER	
MAIN ENGINE	Makita B&W 6S46ME-B
M.C.R.	6820kw
N.C.R.	5795kw
MAX CRITICAL RANGE	53-64rpm
AUX. BOILER (1 set)	GK-2032-1000/690
GENERATOR (3 sets)	6EY18AL
EMER D.G. (1 set)	DEUTZAG
PROPELLER	1 X 5BLADE X D.5700 X 4245
RUDDER	DOUBLE PLATED MARINE TYPE
STEERING GEAR	SFC-60
FW GENERATOR CAP	15MT/DAY

HFO TANKS(100%)	
1P/S	447.24
2P/S	442.32
3P/S	442.32
4P/S	443.4
<b>TOTAL</b>	<b>1775.28</b>
MDO TANKS(100%)	
NO.1 P	113.83
NO.1 S	56.74

WINCHES / WINDLASS / ROPES / EMERGENCY TOWING			
	FWD	AFT	PARTICULARS
WINCHES	2	2	122.5KN X 9m/min/Electric & Hydraulic
WINDLASS	2	N/A	188.2KN x 9m/min
ANCHOR	2	N/A	Shockless, Port 10.5,Stbd 10.5 Sckls
Emrg.Towing	2	0	
F.W Tanks 100%			
F.W.P	123.22		
F.W.S	123.22		
DIST.TK	N/A		
D.W	48.4		
<b>TOTAL:</b>	<b>294.84</b>		

CARGO AND BALLAST PUMPING SYSTEM			
MAIN PUMPS	NO.	CAPACITY	HEAD
BALLAST P/P	1	600m3/hr	30m
FIRE GS P/P	1	200m3/hr	25m
BALLAST Eductor	1	55m3/h	25m

LIFE BOAT	
2x 25 Persons	
4.9m x 2.2m x 1.0m	
RESCUE BOAT	
LIFE RAFTS	
25 P X 2, 6 P X 1	
L/RAFT HANDLING DAVIT	
NA	

HATCH COVER SIZE		OTHER DETAILS	
No.1, 15.865x17.16		Parallel body length in ballast	
No.2-5,20.04x20.02		Parallel body length in laden	
TANKTOP STRENGTH		TANKTOP DIMENSIONS	
No.1 20.68mts/m2, No.3 20mts/m		HOLD 1	27.4x22.8x15.1(m)
HATCH COVER STRENGTH		HOLD 2	27.4x25.7x15.1(m)
3.3mts/m2		HOLD 3	27.4x25.7x15.1(m)
UPPER DECK STRENGTH		HOLD 4	
4.62t/m <sup>2</sup>		HOLD 5	

DECK CRANES			
4 set x 30.5 tons, Out reach 24m(No.1--3),26m(No.4)			
Distance WL - Coaming	Hatch No.1	Midships	Last Hatch
Ballast condition	13.1	12.01	10.92
Full ballast condition	10.89	10.46	9.95
Light condition	16.08	14.39	12.7
Full laden condition	6.26	6.26	6.26
Distance from Keel to top of hatch coaming:	16.8m		

Min Bow Drft: 5 M
Propeller Immer.: 5.80m
Cement hole Dia: 700MM
A60 : applied

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



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