

# M/V "Inspiraton Lake"

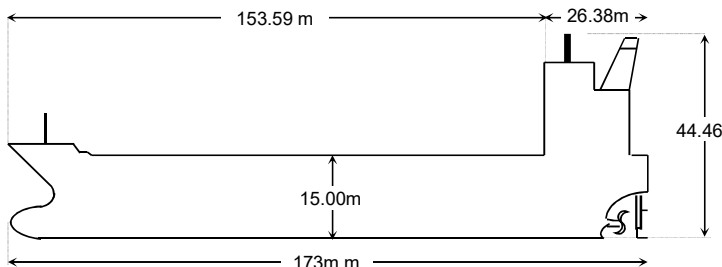
## 37,706 dwt Bulk Carrier

CALL SIGN	VROF3
FLAG	HONG KONG
PORT OF REGISTRY	HONG KONG
OFFICIAL NUMBER	HK-4272
IMO/LLOYDS NUMBER	9727376
CLASS SOCIETY	NK
P & I CLUB	GARD
CLASS NOTATION	NS, MNS, Hold Nos 2 and 4 may be empty, double hull construction applied to all cargo holds

KEEL LAID	19-May-14
LAUNCHED	22-Dec-14
DELIVERED	9-Feb-15
SHIPYARD	Shimanami shipyard Co.,Ltd



PRINCIPAL DIMENSIONS	
LOA	179.970M
LBP	173.0m
BREADTH (Extreme)	29.80m
DEPTH (molded)	15.0m
HEIGHT (maximum)	44.46m
BRIDGE FRONT - BOW	153.59m
BRIDGE FRONT - STERN	26.38m
LIGHT SHIP DISPLACEMENT	8608mts



TONNAGE	REGD	SUEZ	PANAM
NET	12101	21634.66	19380
GROSS	23269	23814.55	
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	1031.06
CARGO HOLD 2	9932.74	CARGO HOLD 2	9575.67	DBT 1 P/S	961.26
CARGO HOLD 3	9966.82	CARGO HOLD 3	9578.52	DBT 2 P/S	1360.68
CARGO HOLD 4	9955.17	CARGO HOLD 4	9577.94	DBT 3 P/S	1364.78
CARGO HOLD 5	9432.71	CARGO HOLD 5	9126.15	DBT 4 P/S	1360.56
<b>TOTAL</b>	<b>46994.9</b>	<b>TOTAL</b>	<b>45238.33</b>	DBT 5 P/S	971.68
LOG/LUMBER CAPACITY			Deck Stanchion		
DECK(CBM)	HOLD(CBM)		Height(M)	TST 1 P/S	2083.06
				TST 2 P/S	1506.04
				TST 3 P/S	1507.26
				TST 4 P/S	1507.02
				TST 5 P/S	1136.02
				APT	299.91
				C.H.3	NA
<b>Total:</b>	<b>0</b>	<b>Total:</b>	<b>0</b>	<b>TOTAL</b>	<b>15089.33</b>

LOAD LINE INFORMATION	FREEBOARD	DRAFT	DWT
TROPICAL	4281mm	10.759m	38,771
SUMMER	4500mm	10.54m	37,706
WINTER	4719mm	10.321m	36,643
TROPICAL, LUMBER	4032mm	11.008m	39,985
SUMMER, LUMBER	4256mm	10.784m	38,892
WINTER, LUMBER	4555mm	10.485m	37,438
NORMAL BALLAST	8.7m	6.6m	
HEAVY BALLAST	NA		
FWA		238mm	
TPC @ Summer draft		49	

MACHINERY / PROPELLER / RUDDER	
MAIN ENGINE	MAN 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	15m3/day

HFO TANKS(100%)	
NO.1 P	447.24
NO.1 S	442.32
NO.5 P	442.32
NO.5 S	443.4
<b>TOTAL</b>	<b>1775.28</b>
MDO TANKS(100%)	
NO.5 DO.P	113.83
NO.5 MGO.S	56.74

WINCHES / WINDLASS / ROPES / EMERGENCY TOWING			
	FWD	AFT	PARTICULARS
WINCHES	2	2	122.5KN X 9m/min/Electric & Hydrolic
WINDLASS	2	N/A	188.2KN x 9m/min
ANCHOR	2	N/A	Shockless, Port 11.5, Stbd 11.5 Sckls
Emg. Towing	1	1	
F.W Tanks 100%			
F.W.P	123.22		
F.W.S	123.22		
DIST.TK	NA		
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/h	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 HADLING DAVIT	
NA	

HATCH COVER SIZE		OTHER DETAILS	
No.1, 15.865x17.16		Parallel body length in ballast	114.3
No.2-5,20.04x20.02		Parallel body length in laden	114.3
TANKTOP STRENGTH		TANKTOP DIMENSIONS	
No.1 20.68mts/m2, No.3 20mts/m2		HOLD 1	27.4x22.8x15.1(m)
		HOLD 2	27.4x25.7x15.1(m)
		HOLD 3	27.4x25.7x15.1(m)
HATCH COVER STRENGTH			
3.3mts/m2			
UPPER DECK STRENGTH			
4.62t/m <sup>2</sup>			

DECK CRANES			
4 set x 30 tonsx 26m			

Distance WL - Coaming	Hatch No.1	Midships	Last Hatch
Ballast condition	13.1m	12.01m	10.92m
Full ballast condition	10.89m	10.46m	9.95m
Light condition	16.08m	14.39m	12.7m
Full laden condition	6.26m	6.26m	6.26m
Distance from Keel to top of hatch coaming:			16.8m

Min Bow Drft: 3.90m
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

