SHIP'S PARTICULARS (for reference only without guarantee)

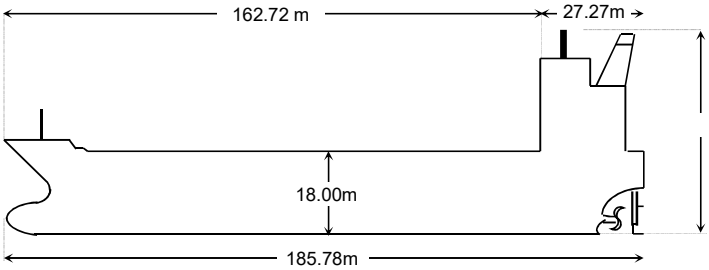
M/V "Trident Star"

57,836 dwt Bulk Carrier

CALL SIGN	VROR5
FLAG	HONG KONG
PORT OF REGISTRY	HONG KONG
OFFICIAL NUMBER	HK-4373
IMO/LLOYDS NUMBER	9707637
CLASS SOCIETY	NK
P & I CLUB	GARD
CLASS NOTATION	NS*(CSR, BC-A, BC-XII, GRAB 20, PSPC-WBT)
	(ESP)(IWS)(PSCM)(BWTS)(IHM)MNS*(M0)

KEEL LAID	13-May-15
LAUNCHED	14-Jul-15
DELIVERED	8-Oct-15
SHIPYARD	TSUNEISHI HEAVY INDUSTRIES (CEBU), INC.

PRINCIPAL DIMENSIONS	
LOA	189.99 M
LBP	185.78 M
BREADTH (Extreme)	32.26 M
DEPTH (molded)	18.00 M
HEIGHT (maximum)	47.516 M
BRIDGE FRONT - BOW	162.72 M
BRIDGE FRONT - STERN	27.27M
LIGHT SHIP DISPLACEMETNT	9974



TONNAGE	REGD	SUEZ	PANAM
NET	19,449	32,241	26,841
GROSS	32,370	32,694.28	32,370
GROSS Reduced (R'n:13495)	N/A	N/A	

LOAD LINE INFORMATION	FREEBOARD	DRAFT	DWT
TROPICAL	4.958 m	13.094 m	59, 371
SUMMER	5.225 m	12.827 m	57, 836
WINTER	5.492 m	12.560 m	56, 302
TROPICAL, LUMBER			
SUMMER, LUMBER			
WINTER, LUMBER			
NORMAL BALLAST	12.912 m	5.140 m	15,053 mt
HEAVY BALLAST	9.262 m	8.79 m	34,923 mt
FWA	294 mm		
TPC @ Summer draft	57.47 mt		

TANK CAPACITIES (cbm)

GRAIN		BALE		BALLAST TANK(100%)	
CARGO HOLD 1	12704.5	CARGO HOLD 1	12024.2	FPT	1683.4
CARGO HOLD 2	15524.3	CARGO HOLD 2	14810.9	DBT 1 P/S	,314.8 /1,314.8
CARGO HOLD 3	15231.8	CARGO HOLD 3	14523.4	DBT 2 P/S	,618.7 /1,618.7
CARGO HOLD 4	15190.6	CARGO HOLD 4	14472.0	DBT 3 P/S	,701.1 /1,701.1
CARGO HOLD 5	14003.0	CARGO HOLD 5	13517.5	DBT 4 P/S	,238.8 /1,238.8
TOTAL	**72654.2**	**TOTAL**	**69348**	DBT 5 P/S	,059.8 /1,059.8
				APT	661
				C.H.3	15,343.10
				TOTAL	**31,553.90**

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

MACHINERY / PROPELLER / RUDDER	
MAIN ENGINE	MITSUI MAN B&W 6S50ME-C8.2
M.C.R.	8,200 kW x 108 rpm
N.C.R.	6,970 kW x 102 rpm
MAX CRITICAL RANGE	55~66 RPM
AUX. BOILER (1 set)	OSAKA BOILER VERTICAL COMPOSITE
GENERATOR (3 sets)	520kW x AC 450V x3ϕ x 60Hz
EMER D.G. (1 set)	80kW x AC 450V xx3ϕ x 60Hz
PROPELLER	Right hand of solid 4 bladed keyless AEROFOIL S
RUDDER	INGOT FORGED (NK) KSFA65W-S Area Ratio: 1/60 1 Balancing Ratio: 0.270
STEERING GEAR	Electro-Hydraulic Driven, Rapson-Slid
FW GENERATOR CAP	Tubular Type,KM15, Cap 15t/day

HFO TANKS(100%)	
NO.1 P	364.7
NO.2 P/S	395.5/395.5
NO.3 P/S	435.5/174.4
SETT/SEF	56
TOTAL	**1821.6**
MDO TANKS(100%)	
NO.1 S	364.7
NO.1/2 DO S	87.5/53.2
SERV.	23.8

WINCHES / WINDLASS / ROPES / EMERGENCY TOWING			
	FWD	AFT	PARTICULARS
WINCHES	1	1	128kN x 15m/min x 2sets
WINDLASS	4	N/A	
ANCHOR	2	N/A	AC-14 Type, 6,620kg x 2 sets
Emg.Towing	1	2	
F.W Tanks 100%			
F.W.P	156		
D.F.W.T S	156		
TOTAL:	**312**		

CARGO AND BALLAST PUMPING SYSTEM				
MAIN PUMPS	NO.	CAPACITY	HEAD	
BALLAST P/P	2	700 m3/h	700 m3/h	
FIRE GS P/P	1	100/25 m3/h	64/25 mTH	
BALLAST Eductor	1	abt. 100 m3/h	30 mTH	

DECK CRANES
IHI Electro-Hydraulic Driven x 4sets SWL 30mt, 24mt

Distance WL - Coaming	Hatch No.1	Midships	Last Hatch
Ballast condition	16.03 m	15.24 m	14.44 m
Full ballast condition	12.17 m	11.57 m	10.96 m
Light condition	16.03 m	15.24 m	14.44 m
Full laden condition	17.68 m	17.03 m	16.92 m
Distance from Keel to top of hatch coaming:			

LIFE BOAT
25 Persons
7.5mx2.75mx3.4m
RESCUE BOAT
6 PERSONS
4.5mx1.96mx1.85m
LIFE RAFTS
25x2,6x1
L/RAFT HADLING DAVIT
NORSAFE NDSC COMBI Davit SWL 2.5mt

HATCH COVER SIZE	OTHER DETAILS	
H1 18.2m x 17m	End Folding Weather-tight Steel	
H2-4 21.16m x 18.6m		
H5 20.93mx18.6m		
TANKTOP STENGTH	**TANKTOP DIMENSIONS**	
H1,3,5 25.1 t/m2H.2,4 18.3 t/m2	HOLD 1	18.2m X 17.00m
HATCH COVER STRENGTH	HOLD 2	21.6m X 18.60m
H1-5 4.0t/m^2	HOLD 3	21.6m X 18.60m
UPPER DECK STRENGTH	HOLD 4	21.6m X 18.60m
3.50 t/m2	HOLD 5	20.93m X 18.6m

Min Bow Drft: 2.5 kts	
Propeller Immer.: 149%	
Cement hole Dia: 700 mm	
A60 : Fire doors, deck and bulkhead	

FIRE FIGHTING SYSTEM	
E/RM	CO 2 / FIXED LOCAL APPLICATION/SW Hydrant/ Portable Fire Extinguisher/ Fire Detecting System
CARGO HOLD	SW Hydrant and CO2 Fire Extinguishing System
DECK AREA	SW Hydrant

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