

## **TRITON STORK – T/C Description**

(ALL FIGURES APPROXIMATE)

Type of Vessel: A single screw, motor driven bulk carrier flush deck type with F'cle, aft engine and aft bridge having bulbous bow and a hanging type rudder with rubber horn, no permanent or collapsible stanchions.

Flag: Panamanian  
Port of Registry: Panama  
When built: December, 2004  
Where built: Mitsui Engineering & Shipbuilding Co. Ltd., Tamano, Japan

Official Number: 32811-TJ  
Call Sign: H3WL  
Inmarsat Number: Sat-B Tel: 335223110 / Fax: 335223112/ Sat-C Tlx: 435223110  
Classification: NK NS\* (Bulk Carrier, Strengthened for heavy cargoes, Nos. 2 and 4 holds may be empty) ESP MNS\* MO

Summer deadweight:: 56,024 MT on 12.575 M  
Tropical deadweight/draft: 57,481 MT on 13.125 M  
Winter deadweight: 54,567 MT on 12.314 M  
Light weight: 8,533 MT  
Designed constants: 300 MT (excluding fresh water)  
T.P.C. (fully loaded): 55.8 t/cm (for summer draft)

GRT/NRT 31,242.00 / 18,504.00  
Suez Canal Tonnage: gross: 32,220.41 nett: 29,6909.25  
Panama Canal Tonnage: T.B.N.

L.O.A./L.P.P. 189.99 M / 182.00 M  
Breadth moulded: 32.26 M  
Depth moulded: 17.90 M

Nos. of hatches/holds: 5 hatches, 5 holds

Hatch size: No. 1 17.6 M x 18.92 M  
Nos. 2-5 21.12 M x 18.92 M

Type of hatch covers: Electro-hydraulic, fore/aft folding type

Cargo Gear: Four (4) cranes each at 30 tons Fukushima Electro-hydraulic driven  
Outreach from ship's rail at max SWL abt. 9.85 m  
Max. slewing radius: 26 m

Hoisting/slewing/topping speed at 100 pct – 50 pct – empty:  
at 100 pct – 19 m/min / 0.6 rev/min / 58 sec luffing  
at 50 pct – 28.5m/min / 0.6 rev/min / 58 sec  
empty – 60 m/min / 0.6 / 58 sec

**Continued:**

Grabs:	Four (4) sets of elect-hyd type grabs (Maker & Type: Tobu EHS-120/60X)		
Dimensions:	No. 1 hold	Fore 7.9 M	Aft 23.54 M Length 29.92 M
	No. 2 hold	Fore 23.54 M	Aft 23.54 M Length 29.92 M
	No. 3 hold	Fore 23.54 M	Aft 23.54 M Length 29.92 M
	No. 4 hold	Fore 23.54 M	Aft 23.54 M Length 29.92 M
	No. 5 hold	Fore 23.54 M	Aft 10.60 M Length 28.20 M
Strengths per square metre:	Deck Nos. 1 – 5:	Abt. 3.7 MT/M2 (Except between hatch ends)	
	Hatch No. 1 – 5:	Abt. 3.7 MT/M2	
Tank tops:	Steel covered and suitable for grab discharge		
	Tank top (Local Uniform Load)		
	No. 1:	18.8 MT/M2	No. 2: 18.7 MT/M2
	No. 3:	27.9 MT/M2	No. 4: 18.7 MT/M2
	No. 5:	19.9 MT/M2	
Capacities:		Grain	Bale
	No. 1 hold	12,713.5 M3	12,132.0 M3
	No. 2 hold	14,709.8 M3	14,090.0 M3
	No. 3 hold	14,652.0 M3	14,050.7 M3
	No. 4 hold	14,709.8 M3	14,050.7 M3
	No. 5 hold	<u>14,025.6 M3</u>	<u>13,720.8 M3</u>
	Total:	<u>70,810.7 M3</u>	<u>68,044.2 M3</u>
Tank capacity:	Diesel Oil	115.6 M3 (85%)	
	Fuel Oil	2,133.3 M3 (85%)	
	Fresh water	214.2 M3	
	Ballast Water	30,268.1 M3 (incl. No. 3 hold)	
Hold floodable with seawater and its capacity: No. 3 cargo hold 14,654.5 M3			
Speed/Consumption:	About 14 knots laden / 14.5 knots in ballast condition on about 32 metric tons Intermediate Fuel Oil plus about 0.2 metric tons Marine Diesel Oil.		
Daily Consumption in port:	Idle:	abt. 2.0 MT/IFO + abt. 0.2 MT/MDO	
	Gear working (24 hrs):	abt. 4.5 MT/IFO + abt. 1.0 MT/MDO	
Speed and Consumption:	Bunker grade IFO (IF-380 cst) ISO 8217 RMG-35 and MDO ISO 8217 DMB Bunkers replenished during currency of this charter to meet latest MARPOL requirement.		
	Vessel is entitled to use more MDO in narrow/shallow/busy water areas etc. canals, manoeuvring in and out of ports starting/stopping engine.		
Type and horsepower of Main Engine:	Mitsui Man – B&W 6S50 MC M.C.R. 9,480 kW x 127 r.p.m. N.S.R. 7,080 kW x approx. 115.2 r.p.m.		

**Continued:**

Type and horsepower of Gen. Engine:	Daihatsu 5DK-20 480 kW x 900 r.p.m. x 3 sets
Fire fighting system:	CO <sup>2</sup> fire ext. system fitted for all cargo holds and Engine room
Australian ladders:	Fitted in all holds
Ventilation:	Louver Type 400 mm x 400 mm Natural Ventilator 4 Pcs each Hold
Evaporator's capacity:	20 tons per day
Pump/Deballasting capacity:	1,200 m <sup>3</sup>
Distance from water level to top of hatch coaming:	
Hatch Nos. 1/3/5:	8.10 m / 8.10 m / 8.10 m (loaded to summer draft 12.575 m) 16.01 m / 15.17 / 14.34 m (normal ballast ) 12.57 m / 11.99 m / 12.28 m (heavy ballast)
Distance from water level to top of the mast:	
Mast top.	37.46 M (loaded to summer draft 12.575 m) 43.35 M (normal ballast) 41.23 M (heavy ballast )
Distance from tanktop to underside of hatchcovers:	
No. 1-5:	18.18 M

All figures "about".