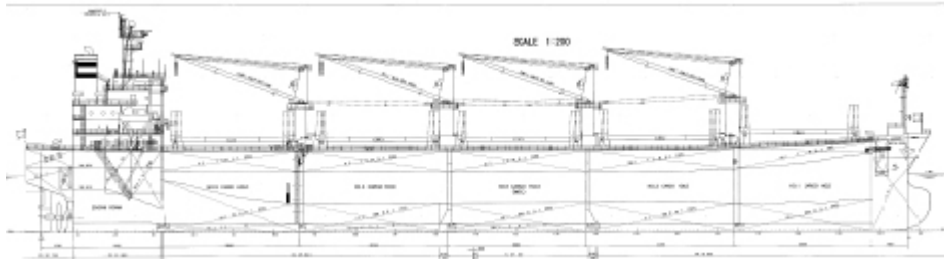


## TESS - CLASS DETAILS



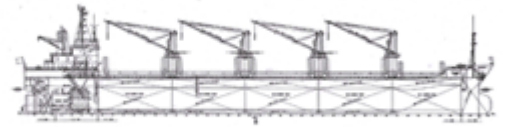
Name:	TESS-CLASS
Built:	2005/2005/ Tsuneishi Heavy Industries / Cebu, PI
Flag/call: sign:	Courageous: Malta/ 9HDZ8 Intrepid: Malta/ 9HDY8
Class:	NKK, NS* (bulk carrier) MNS*
Type:	Grab fitted geared Singledeck Bulk Carrier
Dwat:	52.346 tdw on 12.022 m ssw 50.960 tdw on 11.772 m wsw 53.736 tdw on 12.272 m tsw
<b>Tpc:</b>	<b>55,5</b>
l.o.a.:	189.99 m
Beam:	32.29 m
moulded depth:	17.00 m
<b>Distance waterline to top of hatchcoaming in normal ballasted condition: abt 13,35 m</b>	

Tonnage:	(International):	gt/nt	30.046 / 18.270
	(Suez):	grt/nrt	30.919,64 / 28.235,80
	(Panama):	grt/nrt	24.938 / 24.983

Hatches:	5	
Hatch sizes:	No. 1	20,40 x 18.40 m
	No. 2/5	21.25 x 18.40 m

Type of Hatchcovers:	MacGregor hydraulic Folding type						
Hold	Sizes:	I	B	H	Grain m <sup>3</sup>	/	Bale m <sup>3</sup>
	No 1:				12.664	/	12.419
	No 2:				14.636	/	14.205
	No 3:				13.471	/	13.044
	No 4:				14.532	/	13.940
	No 5:				12.453	/	11.993
Total cubic in m <sup>3</sup> :					67.756	/	65.601

Fuel/MDO capacity (90 pct):	2.100 m <sup>3</sup> /160 m <sup>3</sup>
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Bunkering is always subject to Master's approval and fuels of different supplier/port/grade always to be separated by vessel's tanks:

Tanktop strength:	Hold 1-5: 22.00 mt/m <sup>2</sup> / 17,00 mt/m <sup>2</sup> / 25.00 mt/m <sup>2</sup> / 17.00 mt/m <sup>2</sup> / 22.00 mt/m <sup>2</sup>
Cargo hold ventilation:	Natural Ventilation only.

Operating company for correspondence:	ORION Bulkers GmbH & Co. KG Hamburg, Germany, as Agents to Owners
P & I Club:	The North of England P and I Association Ltd, Newcastle upon Tyne / U.K

Speed/consumption:	
Loaded condition:	about 14.0 kn on about 30,5 mt IFO 380 cst plus 0,2 mt MDO
Ballast:	about 14.5 kn on about 30,5 mt IFO 380 cst plus 0,2 mt MDO
Port consumption:	idle about 4,5 mt IFO plus about 1,5 mt MDO
Auxiliaries at sea	about 0,2 mt IFO 380 cst

Vessel consumes MDO in main engine when entering/leaving ports, during maneuvering and sailing in confined and/or shallow waters.

For the purpose of this charter party and performance of the vessel described herein, good weather whereby the performance of the vessel is said to be valid is, when winds not exceeding beaufort force 3 and seas and currents not exceeding douglass sea state 2.

minimum	Quality specification of IFO to be guaranteed by Charterers: The fuel must be proven stable and homogenous, not to contain chemical waste and/or marine- and/or automotive lubricants and according to international standard ISO 8217, 2005 (E) with latest amendments. Grade : RMG 35
minimum	Quality specification of MDO to be guaranteed by Charterers: The MDO must be proven stable and homogenous, not to contain chemical waste and/or marine- and/or automotive lubricants and according to international standard ISO 8217, 2005 (E) with latest amendments. Grade : DMB

All about, taken from plan but without guarantee