

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office... WED. NOV. 15 1911

Date of completion of report 14th November 1911. Port of *West Hartlepool*.  
Survey held at *West Hartlepool*. Date, First Survey *5th May*. Last Survey *7th November* 1911.  
On the *steel screw steamer TURKISTAN* (No. 114296) Rig *Schooner*.

TONNAGE under Tonnage Deck...	4218.99
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	
Do. of Poop	32.85
Do. of N.Q.Dk.	
Do. of Bridge Houses	14.82
Do. of Forecastle	69.09
Do. of Houses on Dk.	135.11
of excess of Hatchways above Crown of	51.98
Engine Room ..	
ss Tonnage	4522.82
Crew Space	136.13
above Crown of	
Engine Room ..	
SPACE FOR FEES..	4386.71
Engine Room	1447.31
Navigation Spaces	70.21

CLASS <i>100A1</i>	FEET.
Breadth (greatest moulded).....	49.79
Depth, at middle of length from top of keel to top of upper deck beams at side.....	30.00
Transverse Number.....	79.79
Length on deck from fore part of stem to after part of stern post.....	373.00
Longitudinal Number.....	29761.67
Depth "d," at middle of length (See Secs. 2 & 13)....	17.11
Proportions—Depths to Length—Upper Deck Beam at side to top of keel.....	12.43
" " Long Bridge Deck Beam at side to top of keel.....	9.94

Master <i>B. Bliant</i>	(1) As Master in service of owner of present vessel: 1896
Year of appointment	(2) As Master of this vessel 1911
Built at <i>West Hartlepool</i>	
When built <i>1911</i>	Launched <i>25th Sept. 1911</i>
By whom built <i>N. Gray &amp; Co. Ltd.</i>	
Owners <i>Anglo-Algerian S. S. Co. (1896) Ltd.</i>	
Managers <i>J. C. Strick &amp; Co. Ltd.</i>	
Residence <i>London</i>	
Port belonging to <i>Swansea</i>	

Register Tonnage	2869.19	Destined Voyage <i>Bombay</i>	If Surveyed while Building, Afloat, & in Dry Dock <i>Yes</i>
Length on Deck as per Rule....	373.0	BREADTH—Moulded....	49.92
		DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	27.62
		Do. do. do. do. Second Dk. Beams	19.0
		Moulded depth, ft. 37 ins. 6	To Bridge Dk. Round of Upper Dk. Beam, Actual 132 ins.
		Moulded depth, ft. 30 ins. 0	To Upper Dk.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, or E or L Bars amidships.....	9 1/2	3 1/2	5 1/2	9 1/2	3 1/2	5 1/2
Do. in peaks.....	7	3 1/2	4 1/2	7	3 1/2	4 1/2
Do. in way of Double Bottoms at Solid Floors.....	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
" " at intermdt. Bkts.	5 1/2	3 1/2	4 1/2	5 1/2	3 1/2	4 1/2
Spacing of Frames from centre to centre amidships	28 1/2			28 1/2		
" " length to Collision bulkhead	28 1/2			28 1/2		
" " in peaks..	24			24		
REVERSED FRAME, Angles.....	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
Do. in way of Double Bottoms at Solid Floors.....	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
" " at intermdt. Bkts.	5 1/2	3 1/2	4 1/2	5 1/2	3 1/2	4 1/2
FRAMING, depth of girder.....	9 1/2			9 1/2		
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships.....	8 1/2	5 1/2	8 1/2	5 1/2	8 1/2	5 1/2
" in way of Engine and Boiler Spaces.....						
" thickness at the ends of vessel.....						
" depth at 1/2 the half breadth, as per Rule....						
" height extended at the Bilges.....	4 1/2		4 1/2	4 1/2		4 1/2
LOORS & BRACKETS in Cell Dble Bottoms	10					
" state if flanged (top & bottom)	28 1/2			28 1/2		
" Spacing.....	42		50	42		50
ENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	3 1/2	3 1/2	5 1/2	3 1/2	3 1/2	5 1/2
" Angles, Top.....	4 1/2	4 1/2	6 1/2	4 1/2	4 1/2	6 1/2
" Bottom.....	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
" to Floors.....	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
IDE GIRDERS, number on each side & thickness	10					
" state if flanged (top and bottom)	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
" Angles (top and bottom).....	3	3	4 1/2	3	3	4 1/2
" to Floors.....	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
MARGIN PLATE, depth (exclusive of flange) and thickness.....	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
" Angles to Outside Plating.....	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
" Floors.....	24			24		
" Height of Brackets above at bilge	42		50	42		50
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	8 1/2	5 1/2	8 1/2	5 1/2	8 1/2	5 1/2
" in Engine and Boiler space			4 1/2			4 1/2
" Remainder in Holds.....	8 1/2	3 1/2	5 1/2	8 1/2	3 1/2	5 1/2
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge.....	8 1/2	3 1/2	5 1/2	8 1/2	3 1/2	5 1/2
" In way of Long Bridge.....	25 1/2			25 1/2		
" Spacing.....	9 1/2	3 1/2	5 1/2	9 1/2	3 1/2	5 1/2
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge.....	25 1/2			25 1/2		
" Spacing.....						
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge.....						
" Spacing.....						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge.....	6 1/2	3	4 1/2	6 1/2	3	4 1/2
" Spacing.....	25 1/2			25 1/2		
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge.....	8	3	4 1/2	8	3	4 1/2
" Spacing.....						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
" Angles on upper edge.....	10	3 1/2	6 1/2	10	3 1/2	6 1/2
" Spacing.....	51 1/2			51 1/2		

PILLARS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
PILLARS, In 'tween Deck, size and spacing	3	5 1/2	3	5 1/2		
" " Hold	5 1/2	5 1/2	5 1/2	5 1/2		
" Quarter 'tween Dks.,						
" in Hold						
KEELSONS & STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate						
" Rider Plate.....						
" Flat Plate Keel Angles.....						
" Horizontal Plates on Floors.....						
" Angles or Bulb Angles.....						
SIDE KEELSONS, Number						
" Angles or Bulb Angles.....						
" Plate above floors, for length.....						
" Intercoastal Plate, for length.....						
" Attached to outside Plating with Angle.....						
BILGE KEELSON, Angles.....						
" Intercoastal Plate for length.....						
" Attached to outside Plating with Angle.....						
SIDE STRINGERS, Number <i>One</i>	6 1/2	3 1/2	4 1/2	6 1/2	3 1/2	4 1/2
" Angle.....			4 1/2			4 1/2
" Intercoastal Plate, for full length.....	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
" Attached to outside plating with Angle.....						
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	61	60	56	60		
" " " " br'dth & thickness (in way of Bridge)	61	46	56	46		
" " " " Angle (clear of Bridge).....	5 x 5	6 1/2	5 x 5	6 1/2		
" Tie Plate at sides of Hatchways.....						
Deck * Iron or Steel, for full lng.			49			40
" Thickness (clear of Bridge).....			42			34
" (in way of Bridge).....						
Wood Deck, Material & thickness <i>Clear of Bridge</i>			46			46
Second Deck Stringer Plate, br'dth & thickness	54	46	46	32 x 32	46	
" Angles on ditto, No. <i>Two</i>	54	42	46	42		
" Tie Plates outside Hatchways.....						
Deck * Iron or Steel, for full lng.			30			30
Wood Deck, Material & thickness						
Third Deck Stringer Plate, br'dth & thickness						
" Angles on ditto, No. ....						
" Tie Plates, outside Hatchways.....						
Deck * Material and thickness						
Fourth and Fifth Deck Stringer Plate, breadth & thickness						
" Angles on ditto, No. ....						
" Tie Plates outside Hatchways						
" Deck, Material & thickness						
Poop Deck Stringer Plate, breadth & thickness	46	40				32
" Angle on ditto.....	3 1/2 x 3 1/2	3 1/2	3 1/2 x 3 1/2	3 1/2		34
" Tie Plates.....						
" Deck, Material and thickness <i>Steel</i>		40				32
Bridge Deck Stringer Plate, br'dth & thickness	59	50	50			50
" Angle on ditto.....	4 1/2 x 4 1/2	56	4 1/2 x 4 1/2	56		
" Tie Plates.....						
" Deck, Material and thickness <i>Steel</i>		42				34
Forecastle Deck Stringer Plate, br'dth & th'kns	34	34	34	34		34
" Angle on ditto.....	3 1/2 x 3 1/2	34	3 1/2 x 3 1/2	34		
" Tie Plates.....						
" Deck, Material and thickness <i>Steel</i> 30 sheeted with 3" Pitch Riv						

\* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.







## GENERAL REMARKS—(continued).

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 25.33 ft., R.Q.D. ☒ ft., Bridge 119.5 ft., Forecastle 37.7 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 2 decks (etc.)

Official No. 128929; Signal Letters ☒ State if Machinery is fitted aft No  
How are the surfaces preserved from oxidation? Inside Portland Cement Paint Outside Paint

**PARTICULARS OF WATER BALLAST.**—State whether the Double bottom is constructed on the cellular system or with girders on floors Cellular System

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>119</u>	<u>349</u>	Fore peak tank,	—	—
Double bottom, under Engines and Boilers,	—	—	After peak tank,	—	<u>36</u>
Double bottom, if under Engines only,	<u>27.6</u>	<u>114</u>	Deep tank, aft,	<u>34</u>	<u>860</u>
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	<u>161.5</u>	<u>539</u>	Other tanks, if fitted,	—	—
Total capacity of double bottom	—	<u>1002</u>	(If necessary, furnish further information by sketch.)	—	—

\* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules Yes

Order for Special Survey No. 2111

Date 8th July 1911

No. 797 in builder's yard.

DATES of Surveys held while building

1911  
May. 5. 8. 10. 12. 15. 17. 19. 22. 26. 30. Jun. 2. 8. 13. 16. 21. 27. 30. July. 4. 6. 11. 14. 18. 20. 25. 28. Aug. 2. 4. 15. 21. 31. Sept. 1. 5. 6. 8. 13. 18. 20. 21. 22. 23. 25. 26. 28. Oct. 2. 3. 5. 10. 12. 13. 14. 17. 18. 19. 24. 25. 26. 28. 30. 31. Nov. 2. 4.

Total No. of Visits 61

Surveyor's Signature Arthur H. Karkner

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Foundation