

IRON SHIPS.

10205 Survey held at Liverpool Date, First Survey 3rd January Last Survey 20th October 1871
 The Screw Steamer "Teviot" Master W. H. White

Under	1270 - 68	ONE, OR TWO DECKED, SPAR, OR AWNING-DECKED VESSELS.	THREE DECKED VESSELS.	Built at <u>Liverpool</u>
No of Third Space	615 - 18	Half moulded breadth 17-6	Half Moulded Breadth: ... 17-6	When built <u>1871</u> Launched <u>June 3/71</u>
No of Second Space	45 - 30	Depth from upper part of Keel to top of Upper Deck Beams 20-4	Total Depth if three or more Decks 27-6	By whom built <u>James Caird</u>
No of Houses on Deck	14 - 68	Girth of Half Midship Frame (as per Rule) ... 32-3	Total Girth of Half Midship Frame 33-5	Owners <u>C. H. Norwoods & Co</u>
Date of Forecastle		1st Number 70-8	3rd Number 84-8	Port belonging to <u>London</u>
Gross Tonnage	1945 - 78	Length 320-0	Length 320	Destined Voyage <u>India</u>
Crew Space, as per Rule	61 - 54	2nd Number 21-174	4th Number 25-440	If Surveyed while Building, Afloat, or in Dry Dock. <u>Whilst Building</u>
Regd. Tonnage, as per Rule	1884 - 24	Depths to Length. <u>16</u>	Breadths to Length 8	
Eng. Room	622 - 65			
Register Tonnage, as a Steamer, per Rule	1261 - 59			

Length on deck as per Rule	300	Moulded Breadth	33	Depths from top of Floors to Upper and Main Deck Beams, as per Rule	22	Feet	22	Inches	4	Power of Engines	250	Horse	250	No. of Decks with flat laid	Two	No. of Tiers of Beams	Three	
Dimensions of Ship per Register, length, <u>301-8</u> breadth, <u>35-3</u> depth, <u>14-9</u>																		
Keel, if bar iron, depth and thickness	10 x 2 1/2	Inches in Ship	10	Inches required per Rule	2 1/2													
Keel, if centre through plate, depth and thickness	9 x 2 1/2	Inches in Ship	9	Inches required per Rule	2 1/2													
Keel, if bar iron, moulding and thickness	9 x 5 1/2	Inches in Ship	9	Inches required per Rule	5 1/2													
Keel, post for Rudder do. do.	9 x 5 1/2	Inches in Ship	9	Inches required per Rule	5 1/2													
Keel, post for Propeller do. do.	24	Inches in Ship	24	Inches required per Rule	24													
Keel, of Frames from moulding edge to moulding edge, all fore and aft	24	Inches in Ship	24	Inches required per Rule	24													
Beams, size of Angle Iron, for 1/2 length amidships	4 1/2 x 3	Inches in Ship	4 1/2	Inches required per Rule	3													
Beams, size of Angle Iron, for 1/4 length amidships	4 1/2 x 3	Inches in Ship	4 1/2	Inches required per Rule	3													
Reversed Frames, size of Angle Iron	3 x 3	Inches in Ship	3	Inches required per Rule	3													
Floors, depth and thickness of Floor Plate at mid line for half the length amidships	25	Inches in Ship	25	Inches required per Rule	25													
Do. at the ends	988	Inches in Ship	988	Inches required per Rule	988													
Do. do. do. at Bilge Keelson	10 1/2	Inches in Ship	10 1/2	Inches required per Rule	10 1/2													
Do. height extended at the Bilges	From height of main	Inches in Ship		Inches required per Rule														
Beams, Upper, Spar, or Awning Deck (No. 1)	7	Inches in Ship	7	Inches required per Rule	6 1/2													
Single or double Angle Iron, Plate or Tee Bulb Iron	7	Inches in Ship	7	Inches required per Rule	6 1/2													
Single or double Angle Iron on Upper edge	2 1/2 x 2 1/2	Inches in Ship	2 1/2	Inches required per Rule	2 1/2													
Average space	4 feet	Inches in Ship	4	Inches required per Rule	4													
Beams, Main, or Middle Deck (No. 2)	8 1/2	Inches in Ship	8 1/2	Inches required per Rule	8 1/2													
Single or double Angle Iron, Plate or Tee Bulb Iron	8 1/2	Inches in Ship	8 1/2	Inches required per Rule	8 1/2													
Single or double Angle Iron on Upper Edge	3 1/2 x 3 1/2	Inches in Ship	3 1/2	Inches required per Rule	3 1/2													
Average space	4 feet	Inches in Ship	4	Inches required per Rule	4													
Beams, Lower Deck, Hold or Orlop (No. 3)	8 1/2	Inches in Ship	8 1/2	Inches required per Rule	8 1/2													
Single or double Angle Iron, Plate or Tee Bulb Iron	8 1/2	Inches in Ship	8 1/2	Inches required per Rule	8 1/2													
Single or double Angle Iron on Upper Edge	3 1/2 x 3 1/2	Inches in Ship	3 1/2	Inches required per Rule	3 1/2													
Average space	4 feet	Inches in Ship	4	Inches required per Rule	4													
Keelson Centre line, single or double plate, box, or intercostal, size of Plates	11 1/2	Inches in Ship	11 1/2	Inches required per Rule	11 1/2													
Do. Bulb Plate to intercostal Keelson	11	Inches in Ship	11	Inches required per Rule	11													
Do. Size of Angle Irons	6 x 4	Inches in Ship	6	Inches required per Rule	4													
Do. Side Intercostal Keelson, size of Plates	23	Inches in Ship	23	Inches required per Rule	23													
Do. Angle Irons on tops of Floors	6 x 4	Inches in Ship	6	Inches required per Rule	4													
Do. Bilge Keelson, Bulb Iron	8 1/2	Inches in Ship	8 1/2	Inches required per Rule	8 1/2													
Do. do. Intercostal plates riveted to plating for 2/3 length	202 feet in middle of body	Inches in Ship		Inches required per Rule														
Do. do. Angle Irons	5 1/2 x 4	Inches in Ship	5 1/2	Inches required per Rule	4													
Do. Stringers (No. 1) size of Angle Irons	6 x 4	Inches in Ship	6	Inches required per Rule	4													
Do. Intercostal plates riveted to plating for length		Inches in Ship		Inches required per Rule														
Unsomers, material <u>Iron</u> or, if none, in what manner compensated for.																		
Light-heads <u>Iron</u> Hawse Timbers <u>Iron</u>																		
Class <u>Iron Patent</u> Fall Butt <u>✓</u>																		
Frames extend in one length from <u>Keel</u> to <u>Gunnwale</u>																		
Reverse Angle Irons on the floors and frames extend <u>across</u> the middle line to <u>above Main</u> and to <u>Gunnwale</u> or <u>alternately</u>																		
Keelsons. Are the various lengths of Plates and Angle Irons properly connected? <u>Yes</u>																		
Plates, Garboard, double <u>✓</u> Riveted to Keel, double <u>ex</u> at upper edge, with Rivets (1/8 in.) diameter, averaging (3 1/2 ins.) from centre to centre.																		
Do. Edges from Garboards to upper part of Bilge, worked Clencher, double <u>or single</u> Riveted; with Rivets (1/8 in.) diameter, averaging (3 1/2 ins.) from centre to centre.																		
Do. Butts from Keel to turn of Bilge, worked carvel with butt straps to strakes (1 1/2 x 1 1/2) thick, double <u>or single</u> Riveted; with Rivets (1/8 in.) diameter averaging (3 1/2 ins.) from centre to centre. Do the Butt Straps lay over and Rivet through the lands of the strakes above or below? <u>Alternate</u>																		
Do. of 2 Strakes at Bilge <u>double</u> length, double riveted with Butt Straps <u>thicker than their plates</u>																		
Do. Edges from bilge to Main Sheerstrake, worked carvel with a lining piece (1 1/2 x 1 1/2) thick, or clencher, double <u>or single</u> riveted; with rivets (1/8 in.) diameter, averaging (3 1/2 ins.) from centre to centre.																		
Do. Edges of Sheerstrake, Main, double <u>or single</u> Riveted. Upper, double <u>or single</u> Riveted. At upper edge <u>Double</u> At lower edge <u>Double</u>																		
Do. Butts from Bilge to Main Sheerstrake, worked Carvel with Butt Straps (1 1/2 x 1 1/2) thick, double <u>or single</u> Riveted; with Rivets (1/8 in.) diameter, averaging (3 1/2 ins.) from centre to centre.																		
Do. Butts of Main Sheerstrake, double <u>or single</u> Riveted. Butts of Upper <u>or</u> Sheerstrake, and Upper Deck Stringer Plate, double <u>or</u> treble Riveted for <u>7</u> length amidships. Breadth of laps of plating in double Riveting (5) Breadth of laps of plating in single Riveting (1)																		
Butt Straps of Keelsons, Stringer and Tie Plates, treble, double <u>or single</u> Riveted?																		
Planksheer, how secured to the plating of the sides. Waterway, how secured to the planksheer and to the Beams. (Explain by Sketch, if necessary.)																		
Beams of the various Decks, how secured to the sides? <u>Riveted to frames & stringers</u> No. of Breasthooks, <u>5</u> Crutches, <u>4</u>																		
What description of Iron is used for the Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? <u>Angle Iron</u>																		
Manufacturer's name or trade mark, <u>Plate Bolckow Vaughan & Co</u>																		

We certify that the above is a correct description of the several particulars therein given.
 Builder's Signature, James Caird Surveyor's Signature, Samuel Martin

IRON 449-0354

