

6833 Iron

Workmanship. Are the lands or laps of the clenchwork in all cases in breadth at least five and a half times the diameter of the rivets in double rivetted edges and butts, and at least three and a quarter times the diameter of the rivets where single rivetting is admitted? Yes
Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? Yes
Do the fillings between the ribs and plates fill in solid with single pieces? or are they in short lengths of various thicknesses? Solid lengths
Do the holes for rivetting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes and are the rivet holes well and sufficiently countersunk in the outer plate? Yes
Are there any rivets which either break into or have been put through the seams or butts of the plating? None

Her Masts, Bowsprit, Yards, &c., are in Good condition, and sufficient in size and length. (If they are of Iron or Steel give the Scantlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing the number of Plates and Angle Irons, mode of rivetting, quality of Materials, and if stamped with Maker's name. Blackburn Iron Co. Angle Irons Messrs. Lamb. - Plates.

Masts & Bowsprit	Thickness of Plates	Rivetting of butts	Rivetting of Edges	Angle Irons &c.	Diameters
Main Mast	7/8	Double	Double	4 x 3 x 2	3 30 1/2 inches
Mizen Mast	7/8	"	"	4 x 3 x 1/2	3 30 3/4 "
Bowsprit	7/8	"	"	4 x 3 x 1/2	3 23 3/4 "
				4 x 3 x 1/2	3 29 3/4 "



Tested at Sheets Public Proving Machine (near Station) Andrew Jack. Tested at Sheets Public Proving Machine (at Station) Andrew Jack.

No.	She has SAILS.	CABLES, &c.	Fathoms.	Inches.	Test as per Certificate.	In. req'd per Rule.	Test req'd per Rule.	ANCHORS &c		No.	Weight. Ex. Stock.	Test as per Certificate.	W'ght req'd per Rule.	Test req'd per Rule.
								189/1888	189/1888					
	Fore Sails,	Chain	150	1 1/2	59.2.0.0	1 3/8	59.2.0.0	142.0.7.8	18/9/1888	1	52.1.7	50.8.0.0	32.0.0	30.2.0.0
	Fore Top Sails,	Chain	150	1 1/2	59.2.0.0	1 3/8	59.2.0.0	149.3.5	18/9/1888	1	52.0.17	30.6.0.0	32.0.0	30.2.0.0
	Fore Topmast Stay Sails	Hempen Stream Cable	90	1 1/2	18.0.0.0	1	18.0.0.0	1812.3.8	22/6/1888	1	27.2.11	26.17.0.0	27.0.25	26.10.0
	Main Sails,	Hawser	90	9		10		Public Chain Anchor Testing Machines, Sheets, New Beckson						
	Main Top Sails,	Towlines	90	7 1/2		9 1/2		83. 18/9/1888		1	11.0.23	13.0.0.0	13.0.0	
		Warp	90	7 1/2		6		Stream		1	2.0.20			
		All of <u>Good</u> quality.						271. 18/9/1888		1	6.2.4	7.10.0.0	6.2.0	
								Kedges		1	3.1.8	5.5.0.0	3.1.0	

Her Staying and Running Rigging Heavy sufficient in size and Good in quality.

She has Two Life Boats Long Boat and Pinnace, Jolly Boat & Log

The present state of the Windlass is Good with patent purchase Capstan Good and Rudder Good with patent Pumps Good

Order for Special Survey No. 453 DATES of Surveys held while building as per Section 18.

- 1st. On the several parts of the frame, when in place, and before the plating was wrought
- 2nd. On the plating during the progress of rivetting
- 3rd. When the beams were in and fastened, and before the decks were laid
- 4th. When the ship was complete, and before the plating was finally coated
- 5th. After the ship was launched

Specially surveyed while building from August 1888 to Jan'y 1889 in all 29 visits

State if she has a Spar Deck No Poop Yes or Forecastle Yes

General Remarks, This vessel has been built under special survey as per Order N. 453: has a full poop and forecastle with a house on deck for part of crew.

In what manner are the surfaces preserved from oxidation? Inside Portland cement between floor and upper part of bilges, above that coats of red lead paint
Ditto ditto Outside Three coats of red lead paint, brass on bottom and black paint on top plates.

I am of opinion this Vessel should be Classed A1

The amount of the Fee £ 5 : 11 : 4 is received by me,

Special £ 63 : 14 : 11

X Certificate (if required) £ 11 : 11 : 11

Committee's Minute 2nd February 1889

Character assigned A1

Joseph J. Tucker
Surveyor
This sailing ship built of iron appears eligible for Classification as recommended by the Committee
2/2/89