

5625. 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 dovetailed 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? Yes

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? a few in corners of Bu

Her Masts, Bowsprit, Yards, &c., are in Good condition, and sufficient in size and length. (If they are of Iron or Steel give the Scanlings 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.

She has SAILS.

Tested by Ath Jacob

Tested by Ath Jacob at Chester

CABLES, &c.

ANCHORS, and their weights.

		Fathoms.	Inches.	Tested to Tons.	No.	Weight. Ex. Stock	Tested to Tons.
Fore Sails,	Chain <u>14. 1/2</u> <u>1/2</u>	300	1 1/2	55.2	3	30.3.19	55.2
Fore Top Sails,	Hempen Stream Cable	90	10			30.2.0	55.2
Fore Topmast Stay Sails,	Hawser Chain	90	1			25.2.20	55.2
Main Sails,	Towlines	90	9			5.0.0	25.8.
Main Top Sails,	Warp	90	6			72.1.20	
	All of <u>Good</u> quality.					1.0.20	3.0.15

Her Standing and Running Rigging Calicut Hemp sufficient in size and Good in quality.

She has two 14 feet life Long Boat and a 22 feet Long Boat. Two Quarter Boats 20 feet

The present state of the Windlass is New Capstan New and Rudder New Pumps New and efficient

Order for Special Survey DATES of

No. 472 Surveys held

Date Aug 22/67 while building

Order for Ordinary Survey as per

No. 47 Section 18.

Date 72

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 Built under special survey

3rd. When the beams were in and fastened, and before the decks were laid from the 31st July

4th. When the ship was complete, and before the plating was finally coated to the 15th July 1867

5th. After the ship was launched

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

General Remarks,

Frames spaced twenty four inches apart and doubled with Angle Bars 5 x 3/4 for half the length of the ship amidships, and extended as far up the Barges as practicable. Floors worked long and short arms alternately, Butts overlapped and treble riveted. Bulb Bar fitted to Middle line Intercostal Keelson fore and aft 8 1/2 x 3/8. Side Intercostal Keelson 2 1/2 x 3/8 for half the length of the ship in midships, the Angle Bars extended as far fore and aft as practicable. Hold Beam Stantions to each Beam 3 1/2; Deck D. 3 1/2. Butt Straps to Sheerstrake and Gunwale Plate all 15 lbs wide and treble riveted. Lower deck fitted with a Gutta Waterway 15 lbs wide. Fitted with 70 iron Bulwarks, 1 1/2 Spurs 4 ft 10 in apart Sheerstrake extended 13 1/2 lbs in midships and about 18 lbs at ends above Gunwale plate.

Fore Mast and Bowsprit of iron each of four plates, lands double clencher, Butts treble carvel riveted to 3/8 thick

Fore and Main Yards of two Plates 70. 90 & 70 thick, lands single clencher and Butts double carvel riveted

In what manner are the surfaces preserved from oxidation? Inside coated with Portland Cement

Ditto ditto Outside Red Lead and Oil paints

I am of opinion this Vessel should be Classed A. 1

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

John W. M. G. Special £ 60 : : :

Certificate (if required) £ gratis

Committee's Minute 26th July 18 67

Character assigned A. 1

[Handwritten signature: J. P. Darling]

[Handwritten signature: J. P. Darling]

This sailing certificate appears eligible for classification as recommended by Lloyd's Register Foundation