

3616 Iron

Workmanship. Are the lands or laps of the clenwork in all cases in breadth at least five times the diameter of the rivets in double rivetted edges and butts, and at least three times the diameter of the rivets where single rivetting is admitted? Yes
 Do the edges of the carvel work and of the butts fay 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, lining pieces, 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 except the upper and lower edges of 13 butts

Her Masts, Yards, &c., are in good condition, and sufficient in size and length.

| She has SAILS. | | CABLES, &c. | | ANCHORS, and their weights. | | |
|---------------------|--------------------------|-----------------------------|----------|-----------------------------|---------------------------------|------------------------|
| N ^o . | | Certificates produced | Fathoms. | Inches. | Certificates produced tested to | N ^o Weight. |
| / | Fore Sails, | Chain . tested . to 34 tons | 240 | 1 3/8 | Bower, Testimonial Patent | 1 19.0.0 |
| / | Fore Top Sails, | Hempen Stream Cable | 90 | 4 | Stream, | 1 4.0.0 |
| / | Fore Topmast Stay Sails, | Hawser | 60 | 1 | Kedge, | 1 3.3.0 |
| / | Main Sails, | Towlines | 90 | 9 | | 1 2.0.0 |
| / | Main Top Sails, | Warp | 90 | 5 3/4 | | |
| and others as usual | | All of <u>good</u> quality. | 90 | 3 3/4 | | |

Her Standing and Running Rigging Iron & Hemp sufficient in size and good in quality.

She has One Long Boat and Four others
 The present state of the Windlass is efficient Capstan B.W. and Rudder and Pumps efficient

General Remarks, Statement and Date of Repairs, extent of corrosion (if any) both internally and externally, and condition of rivets.

- DATES of Surveys held while building, as per Section 17.
- 1st. On the several parts of the frame, when in place, and before the plating was wrought Specially Surveyed
 - 2nd. On the plating during the progress of rivetting
 - 3rd. When the beams were in and fastened, and before the decks were laid from 3rd July 1863. to
 - 4th. When the ship was complete, and before the plating was finally coated 11th May 1864.
 - 5th. After the ship was launched

Request Note for Special Survey N^o 107 - 25th June 1863.

In what manner are the surfaces preserved from oxidation? Red and Colored Paints four coats outside. Cemented in the Bottoms to Bilges with Portland Cement and Coated with Red Lead above

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

The amount of the Fee£ 5: 0: 0 is received by me,

Special£ 31: 13: 0

Certificate (if required)£ 36: 13: 0

Committee's Minute 20th May 1864

Character assigned A.1.

Edwin Bouchman

I concur in the above recommendations

19 May 1864

Please send Certificate to the Ship at Southampton addressed to the Clerk.

