

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

Are the fillings between the ribs and plates solid single pieces? Yes

Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes

Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes

Do any rivets break into or through the seams or butts of the plating? Very few

24073 ora

State also Length and Diameter of Lower Masts and Bowsprit Fore Mast 77' 2" dia 22 1/2" Main Mast 77' 3" dia 22 1/2"

Fore & Main Masts $\frac{6 \times 5}{16}$ in 2 plates, edges double riveted, butt straps $\frac{1}{16}$ thicker than plates, fitted outside and treble riveted, and doubled from below main deck to above running deck. - 18,260

[illegible]

The Windlass is Aldermans Patent, Capstan 1 Steam Winch and Rudder Efficient Pumps 2 in each compartment

What arrangements for deadlights in bad weather? _____

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? *Open Bulwarks*

State size **Main Hatch** 19.2 x 10.0 **Forehatch** 11.6 x 7.0 **Quarterhatch** 15.4 x 7.6

If of extraordinary size, state how framed and secured Thin Comings and broad tie plates

What arrangement for shifting beams? Deep web plates in 'Main' Hatch & shifting beams in 'after' hatch

Hatches, If strong and efficient? Yes

Order for Special Survey No. <u>900</u>	DAYS 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	<u>Built under S.S. and surveyed 107 Oct 22, 29</u>
Date <u>13 Nov 1870</u>		2nd. On the plating during the process of riveting	<u>November 1, 8, 13, 15, 18, 21, 27. Dec 3, 5, 11, 18, 21, 30</u>
Order for Ordinary Survey No. <u>✓</u>		3rd. When the beams were in and fastened, and before the decks were laid....	<u>1879 Jan 7, 9, 17, 21, 22, 30. February 5, 11, 13, 18, 24</u>
Date <u>✓</u>		4th. When the ship was complete, and before the plating was finally coated or cemented..	<u>March 5, 6, 11, 17, 19, April 7, 10, 15, 19, May</u>
No. <u>47</u> in builder's yard.		5th. After the ship was launched and equipped	<u>1, 7, 13, 19, 21, 22, 28, June 24, 25, 28, July 4, 8, 15, 19, 21</u>

General Remarks (State quality of workmanship, &c.) This Vessel has been built in conformity with the Rules and Midship Section and longitudinal plan herewith appended which were submitted and approved by the Committee in letter dated 3rd October 1878. The reverse frames in way of the deck houses being extended to the Awwing deck stringer plate and the beams well pillared in way of same, excepting that the stringer plate in Aww deck beam ends has been reduced in width and 5 pairs of diagonal tie plates fitted as shown in accompanying deck plan. The workmanship and materials are of good quality. The Load Line as approved by the Committee of 14" 3' has been marked on the ^{ships} sides in accordance with Circular No. 354. The double bottom has been tested as required by the Rules.

The half girth of the Vessel has been reduced at the Awning deck so as to bring the Numeral for Equipment to that shown in Red Ink on slip attached to Midship section.

~~State if one, two, or three, decked vessel, or if spar, or awning decked; and the lengths of poop, fore-castle, or raised quarter deck, and the length of double, or part double bottom.~~

How are the surfaces preserved from oxidation? Inside Portland Cement to above beland Outside Red Lead & Paint

I am of opinion this Vessel should be Classed *100 A 1*

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

Special£ 63: 11: 0 18 July 1879

Certificate ... 0:0:0

(Travelling Expenses, if any, £14 1/-). £68: 11: 0

Committee's Minute 25th July 1879

Character assigned

100 ft. Iron Dr. "15 ft. & Aving Dr"
 1 Dr. & Aving Dr
 Load Lead "14 ft. & 3 in"

This vessel appears eligible to be classed as recommended viz - 100 A.1

"Iron

Lloyd's Register
Foundation