

Workmanship. Are the butts of plating planed or otherwise fitted? planed 9655 Len
 Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? lay close
 Do the fillings between the ribs and plates fill in solid with single pieces? or are they in short lengths of various thicknesses? solid pieces
 Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Conform fair and are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? well countersunk
 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 riveting, quality of Materials, and if stamped with Maker's name.

State also Length and Diameter of Lower Masts and Bowsprit Main Mast above deck 56.6 Diam 1 7/8" at part & 1 1/2" at Cap
Fore Mast 52 ft Diam 1 1/2" at part & 1 1/4" at Cap

Plates 3/8 to 5/16 inch formed in 2 in round shape riveted laps - Butt straps same as plates
double & treble riveted also doubled in way of webbing &c

No.	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.
1	Fore Sails,	Chain	300	1 9/16	24 Tons	1 9/16	43 1/2	Bowers	9945	23. 2.0	23 10.0 0	two of	
1	Fore Top Sails,	(State Machine where Tested, and name of Superintendent).							9971	23. 3. 24	23 17. 2.0	one	23 1/2 lbs
1	Fore Topmast Stay Sails	Worm Stream Cable	90	1"	private test	1"		(State Machine where Tested, and name of Superintendent).	9969	20. 0. 18	20 19. 1. 14	19.3.25	
1	Main Sails,	Hawser	90	10"		10"		Worm Pub Test	9970	20. 6. 0	20 17. 0. 21	10 0.0	
1	Main Top Sails,	Towlines ...	90	9"		9"		Stream		10. 1. 0		5.0.0	
		Warp	80	9"		9"				5.0.24		5.0.0	
		All of <u>2d</u> quality.	80	9"		9"		Kedges		2.2.0		2.2.0	

Her Standing and Running Rigging Worm Hemp sufficient in size and in quality. She has 5 Boats and 2 of 25 & 2 of 24 1/2 ft
 The present state of the Windlass is Good Capstan Good and Rudder Good Pumps 4 did one 1 1/2 ft

Engine Room Skylights.—How constructed? Plate framing & Deck top How secured in ordinary weather? Quad rails & screws
 What arrangements are there for deadlights in such for bad weather? Wire Gratings on top & Larboard in Coamings

Coal Bunker Openings.—How constructed? Metal Casings & Covers How are lids secured? Turned bay How high above deck? flush under
dummy deck

Scuppers, &c.—What arrangements are there beyond the scuppers on deck, for clearing upper deck of water, in case of a sea coming on board?
Three ports each side size 28 x 25 inches

Cargo Hatchways.—How formed? Iron plate casings & framework State size two of 11 1/2 ft by 8 & one 7 1/2 by 5 1/2
 If of extraordinary size, state how framed and secured? Moderate size

What arrangement for shifting beams? None required

Hatches, themselves, whether strong and efficient? Strong & efficient Main Hatchways.—State size as above

Order for Special Survey No.	DATE	of	1st.	On the several parts of the frame, when in place, and before the plating was wrought	July & August
Date <u>29-6-71</u>	Surveys held		2nd.	On the plating during the progress of riveting	August September October
Order for Ordinary Survey No. _____	while building		3rd.	When the beams were in and fastened, and before the decks were laid	put up with frames
Date _____	as per		4th.	When the ship was complete, and before the plating was finally coated or cemented	October
No. <u>53</u>	in builder's yard.	Section 18.	5th.	After the ship was launched and equipped	November & December

General Remarks, This vessel is round sterned with full poop 62 feet from front of Stern post in length has also amidships for about 61 feet long a steel awning deck carried over trunk Bulkheads of Engine & Boiler spaces & Central range of deck Houses in line of same continued to fore end of said deck Has also a top gallant fore castle about 5 1/2 ft in length of deck Poop & Awning deck formed with rounded Gunwally beds plating of all these 5/16 inch full Corp & fore castle decks 3" & Awning deck 2 1/2 inch Galv Plate
 Is fitted with Belge Reels - plates 11" x 12" have been run along each Belge for about 96 feet inserted between two AEs 4 x 4 x 9/16 all riveted together & thro shell plating
 Also fitted with Water Ballast Tank in after Hold about 46 feet in length & 24 ft above top of floor for aft girders 5 in No 1/2 inch to 3/8 thick plated on top with 3/8 inch plates & flanged plates 7/16 inch
 4/5/71 Builder submitted and section tracing with funding proposals Secretary's reply of 5/7/71 stipulates 1" Lower deck stringer to be as required by rule 2" floor plates to extend up on frames as per rule 3" an angle iron to be applied inside the frame on upper deck stringer 4" admitts 3 strake Belge plates to have the Butt straps treble riveted in place of three strakes in rules on account of Belge Reel outside 5" arrangements & sizes marked in Black & Red Ink on tracing to be carried out to satisfaction

In what manner are the surfaces preserved from oxidation? Inside 3 coats Red Lead & Oxide of Iron Outside 4 coats Red Lead Oxide of Iron & other colors
 I am of opinion this Vessel should be Classed 100 A 1 & Cement on bottom out to Belge

The amount of the Entry Fee£ 5 : - : - is received by me, Thomas Alexander
 Travelling Expenses Special 1000 £ 50 : 74 : 6
 (if any). Certificate 55 £ 55 : 17 : 6

Committee's Minute 2nd January 1872

Character assigned 100 F 1
 I concur in the opinion that this vessel should be classed as recommended
 100 F 1 20/1/72
 Rules 1870 2/1/72
 TBM
 Lloyd's Register
 Boundary