

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? as far as seen

Do the fillings between the ribs and plates fill in solid with single pieces? or are they in short lengths of various thicknesses? single pieces

Do the holes for rivetting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes where seen 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? but few

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.

8213 Ln

She has SAILS.

CABLES, &c.

ANCHORS, and their weights.

No.	Description	Fathoms.	Inches.	Tested to Tons.	No.	Weight.	Tested to Tons.
one	Fore Sails,	16	1 7/16	40 1/2			
one	Fore Top Sails,	262	1 7/16	40 1/2			
3 space	Fore Topmast Stay Sails,	31	8	40 1/2			
	Main Sails,	90	12				
	Main Top Sails,	90	1 1/4				
	All of <u>Good</u> quality.						

No.	Description	Weight.	Tested to Tons.
	Bowers,		
	Lloyd's Cambrian Public Machine a Jack Dept	2002	22.6.0
	Lloyd's Cambrian Public Machine a Jack Dept	1599	21.6.0
	Lloyd's Cambrian Public Machine a Jack Dept	3957	18.17.3
	Stream,	2	9.2.9
			6.4.16
	Kedges,	2	3.1.0
			1.3.9

Her Standing and Running Rigging is wire & Hemp sufficient in size and Good in quality.

She has 3 Life Boats and a pinnace & gig

The present state of the Windlass is Good Capstan Good and Rudder Good Pumps 5 No

Order for Special Survey No. _____ Date _____

Order for Ordinary Survey No. _____ Date _____

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

State if she has a partial awning Yes Poop (half) Yes Forecastle Yes

General Remarks, * 12 links of this Cable tested to a breaking strain of 48 3/4 Tons

The vessel has now been lengthened 42 1/2 feet by which she is according to the new measurement nearly 8 breadths in length & not over as anticipated by former measurement submitted, but is over 1 1/4 depths in length. The vessel is strengthened according to amended suggestions, although a modification of the positions of the keelsons has been effected to meet the water ballast tanks at ends of the ship. The intercastal keelson is extended 10 ft 6" into the tanks. The bilge keelson, from tank to tank and connected to the fore tank beams thus forming a continuous keelson. The old bilge keelson has been removed & placed higher so as to be extended nearly all fore & aft above the ends of the tanks - the various positions are marked on new section herewith. All new keelsons in Engine & Boiler spaces - she has a partial awning deck amidships 80 ft long. The alternate frames are extended to height of main rail & beams of angle iron same size as the frames turned down & scarfed to frames. plating 6/16. There is an iron bulkhead about 3 1/2 feet from side extending on each side whole length of the awning deck & a bulkhead at each end - over the Boiler space on main deck for a length of 13 1/2 feet & a breadth of 12 ft an iron deck 1/16 thick is fitted for the donkey boiler. The original funnular stringer plate is now extended 7 feet abaft the break of half poop - new rudder, main piece as per Rule - the bulks of the sheerstrake & other plates of both decks are triple rivetted, also one strake of helpe plating. The rails have been fully completed with

In what manner are the surfaces preserved from oxidation? Inside Cement below bilge & paint above

Ditto ditto Outside Paint

It is the opinion that this vessel is worthy the favorable consideration of the Committee for the subject of such conditions of periodical survey as they may be pleased to impose, on account of the opinion this vessel should be classed not having been surveyed while building

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

Special £ 20 : - : -

Certificate (if required) £ - : - : -

Committee's Minute Liverpool, 12th August 1870

Gen. Committee 25 Aug 1870

Character assigned A 1 (with half awning deck)

Wm. C. Davy

James Purdie

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