

Workmanship. Are the lands or laps of the clenchwork 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 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? Solid lengths

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? A few

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 .		Fathoms.	Inches.	N ^o .	Weight.
	Fore Sails,	Chain	300 1 1/2	Bower, ^{total 31.11.2}	1 39.3.20
	Fore Top Sails,	" Stream	90 1	"	1 39.5.7
<i>Two Suits of Sails</i>	Fore Topmast Stay Sails,	Hempen Stream Cable	90 12	Stream, ^{total 31.11.2}	1 38.2.5
	Main Sails,	Hawser	90 10	Kedge,	1 8.2.18
	Main Top Sails,	Towlines	90 8	do	1 3.2.14
		Warp	90 6		
	and	All of <u>Good</u> quality.			

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

She has Two Life Long Boat and Three others

The present state of the Windlass is Brown's patent Capstans Two others Good and Rudder Good with Pumps Two Cast metal & one lead Good

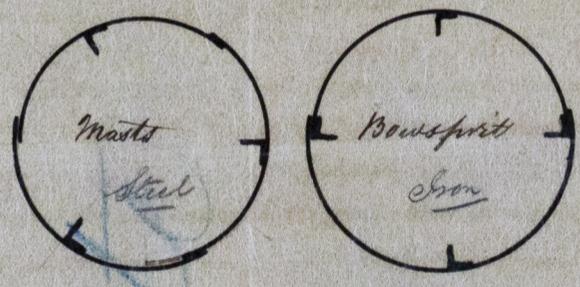
General Remarks, Statement and Date of Repairs, extent of corrosion (if any) both internally and externally, and condition of rivets.

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	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
					<u>Special Surveyed while building from 3rd March 1864 to 13th July 1865 in all 45 visits</u>

This vessel has been built under special survey as per Order N^o 314, as per Specification and agreeable to the Rules, Table B for A1 grade; is fitted a centre middle line keel plate 32 1/2 inches deep by 1 1/2 thick, and a flat middle line keelson plate 36 inches broad by 1 1/2 inch thick, the same being secured to the floors, and middle line keel plate by Angle Irons; is fitted with intercostal side keelsons about mid-way between the bilge and middle line keelson. Is fitted with an Iron gutter waterway and Iron bulwarks at the request of the Owners, instead of wood as named in the Specification

The Testing certificates of the Bower Anchors are dated 3rd Nov^r. 1864, and of the Chain Cables 2nd Nov^r. 1864, signed by David Logan, Superintendent, Lepton Proving Machine. The objectionable rivets taken notice of by Mr Martin on his late visit have been carefully attended to and made good.

Masts	Thickness of plating	Riveting of Butts	Riveting of Edges	Size of Angle Iron	N ^o of Ditto	Diameter
Main Mast <u>Steel</u>	6/6	Double	Single	4x3x 5/8	3	32 ins
Fore Mast <u>Steel</u>	6/6	"	"	4x3x 5/8	3	32 ins
Mizen Mast <u>Steel</u>	5/6	"	"	4x3x 5/8	3	27 ins
Bowsprit <u>Iron</u>	7/8	"	Double	4x3x 5/8	4	27 ins



In what manner are the surfaces preserved from oxidation? Portland Cement between floors to upper part of bilges, three coats of Red lead inside and outside, and two coats of Peacock's composition on bottoms.

My own opinion this Vessel should be classed A1

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

Special £ 65 : 4 : "

Certificate (required) £ " : " : "

H. B. Cold
John L. Reid

Committee's Minute 17th February 1865

Character assigned A1

This sailing ship of Iron, appears to be N^o 13 in my Report of Ships seen building in Liverpool district last August. The objections therein stated, are reported to have been made good. It will be observed the lower Masts are of Steel. She appears eligible for classing a vessel. Feb^r 1865

