

IRON SHIPS.

IRON 434 - 0207

2111 Iron

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

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	180	1 1/2	Bower, <u>Irishman's Patent</u> 1 10. 2. 0
	Fore Top Sails,	Hempen Stream Cable	90	7	1 11. 0. 10
One complete suit of Sails	Fore Topmast Stay Sails,	Hawser	90	5	Stream, <u>do.</u> 1 4. 2. 10
	Main Sails,	Towlines			
	Main Top Sails,	Warp			Kedge, <u>do.</u> 1 2. 1. 20
	and	All of <u>Good</u> quality.			

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

She has One life Long Boat and three others

The present state of the Windlass is Good & Steam Capstan Winch Good and Rudder Good Pumps Four 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	} <u>Specially Surtopped.</u>
	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	

This vessel has four watertight bulkheads 7 1/2 inch thick, fitted between double frames and extending to the upper deck. Every other frame extends to the height of the main rail, and the remainder to the gunwale. There are fore and aft tie plates on each side of the hatchways, and diagonal tie plates where practicable 9 x 7 1/2 inch; and the workmanship throughout is done in a satisfactory manner.

Testing Certificates of Chain Cables have been produced. Engineers' certificate herewith.

In what manner are the surfaces preserved from oxidation? Inside asphalted to upper part of bilge, and three coats of paint; and outside with two coats of Red lead and one coat of Red's composition

I am of opinion this Vessel should be classed 12 A 1

The amount of the Fee£ 4 : " : " is received by me,

Special£ 18 : 2 : "

X Certificate (required)£ " : " : "

Committee's Minute 24 April 1860

Character assigned 1 for 12 Years

Built of Iron
M.B.

Benj. Marshall
John B. Cunningham

I concur in the above recommendation

23 April 1860 J.H.R.
Lloyd's Register Foundation

22 x 12 in. thin ribs 16 in. Port Blaguer.