



Registered Tonnage $\frac{159.8}{100} = 1.598$ Special white building

IRONMUN-016

IRON 444 - 0164

7114 Sm

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? 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 with single pieces

Do the holes for rivetting plate to frames, butt straps, 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? No

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.

Lower Masts of Iron in two plates 7/16 x 1/2" ahead with 4 Angle Irons 4 x 3 x 7/16. Edges single rivetted butts double rivetted with the straps outside.

Bowsprit in two plates 7/16" with 4 Angle bars 5 x 3 x 7/16 also 2 half length same size butts double rivetted. Edges single.

Top masts in two plates flush joint 10 plates 7/16" with 3 Angle Bars 3 x 3 x 7/16

Lower Yards of two plates 7/16 x 1/2" with 3 1/2 x 2 1/2 x 7/16. 2 of which run the whole length the length 1/2 half the length edges capped also.

Lower Tops and Stand as Lower Yards are the except the Angle Irons are running through.

Upper Topmast Yard plates 7/16 x 1/2" in other crop as Lower Topmast Yards

She has 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.
N ^o .		Musey & Co. Public Machine	40749	150	1 15/16	77.15.1	300	7	Musey & Co. Public Machine	1000	3568	35.0.23	37.8.0	@
2	Fore Sails,	Chair	1481	150	1 15/16	67.12.2	1 15/16	63 1/4	Bowers	1000	3566	34.1.16	36.14.1	34
Quits	Fore Top Sails,	M. Macdonald & Co.	10						Machin	1000	3564	29.0.0	32.0.2	28.3.17
	Fore Topmast Stay Sails	Hempen Stream Cable		90	1 1/16		1		Machin	1000	3564	29.0.0	32.0.2	28.3.17
	Main Sails,	Hawser		90	2 1/2	84 1/2	10		Stream	1000	13.3.18		13.2.0	
	Main Top Sails,	Towlines		90	13		6		Kedges	1000	2 { 6.3.1 3.1.2		6.3.0 3.1.0	
	and	Warp		90	10 1/2									
		All of <u>Good</u> quality.												

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

She has 2 Life Boats a Long Boat and a pinnace & gig

The present state of the Windlass is Good Capstan Good and Rudder Good Pumps 2 Main & 1 for comparison

Order for Special Survey DATES of 1st. On the several parts of the frame, when in place, and before the plating was wrought } Special
No. 497 Surveys held 2nd. On the plating during the progress of rivetting }
Date 24/10/68 while building 3rd. When the beams were in and fastened, and before the decks were laid } Survey
Order for Ordinary Survey as per 4th. When the ship was complete, and before the plating was finally coated }
No. _____ Section 18. 5th. After the ship was launched }

State if she has a Spar Deck No Poop Yes or Forecastle Yes

General Remarks, * 15 fms of this chain tested up to 15 per cent above Admiralty Proof viz 77.15.1

She has flush plating from the 8th course from keel to the Gunwale, with the connecting strips over edges inside between frames 12" wide and double rivetted as submitted by the builder and approved by the Committee Nov/68. The Angle Irons of Bilge Keelson being delivered smaller than ordered a set plate 9 x 1 1/2 for 160 ft in length has been introduced affording ample compensation. She has diagonal plates on the lower decks abreast each mast - & the workmanship is good -

In what manner are the surfaces preserved from oxidation? Inside Cement to upper turn of Bilge & Paint below
Ditto ditto Outside Paint

I am of opinion this Vessel should be Classed

A 1

The amount of the Fee£ 6 : " : is received by me,

June 1869 Special£ 49 : 19 : 10/69 R.M.

Certificate (if required)£

Committee's Minute Liverpool 11th June 1869

Character assigned A 1. Built under Special Survey (A & C. 1) Cem 6/69

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