

*26264

Recd. to. 9.6.4

LONG 48-0358

26264 Lon.

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? _____
 Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? _____
 Do the fillings between the ribs and plates fill in solid with single pieces, or are they in short lengths of various thicknesses? _____
 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? _____
 Are there any rivets which either break into or have been put through the seams or butts of the plating? _____

Her Masts, Yards, &c., are in of Wood - Oregon Pine efficient condition, and sufficient in size and length.
 She has SAILS.

N ^o .		CABLES, &c.			ANCHORS, and their weights. <u>with stocks</u>		
		Fms.	Fathoms.	Inches.	N ^o .	Weight.	
<u>two full suits</u>	Fore Sails,	Chain <u>proved to 5 1/4</u>	150	1 1/16	Bower, <u>Capt. Rodgers</u>	1	30.3.17
	Fore Top Sails,	<u>5 1/8</u>	150	1 3/4		1	29.2.25
	Fore Topmast Stay Sails,	Hempen Stream Cable <u>18</u>	95	1 1/2		1	28.0.17
	Main Sails,	Hawser	85	7	Stream, <u>not tested</u>	1	10.0.4
	Main Top Sails,	Towlines	85	6	Kedge, <u>3</u>	1	5.0.7
		Warp	100	4 3/4		1	2.1.25
		All of <u>good</u> quality.					

Her Standing, and Running Rigging is sufficient in size and good in quality.

She has two life Long Boat and three others main piece Iron Bark
 The present state of the Windlass is good Capstan good and Rudder efficient Pumps one pair 6" and one pair 7"

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 } at various
 2nd. On the plating during the progress of rivetting } times while
 3rd. When the beams were in and fastened, and before the decks were laid } building
 4th. When the ship was complete, and before the plating was finally coated }
 5th. After the ship was launched }

She is planked outside from the keel to 1/3 her internal depth with Rock Elm, from thence to the light mark with Stackmatack and the remaining with Santa Maria - which latter by Circular No 162 is permitted to be used in any parts of Vessels intended for the 9 A class

From the third strake of Bottom next the keel to the lower deck, her Bottom is diagonally sheathed with 1/4 Rock Elm - thickly fastened with Yellow Metal triangular shaped nails -

The spacing of the rivets is further apart than prescribed by the Rules, especially those used to connect the Reversed frames to the Frames, where they are about 18 ins apart, the Rules requiring them to be not more than a third that distance -

Her Anchors, which are lighter than required by Table No 22 have not been tested

Her Chain cables have been made and tested by Messrs Brown Lenox & Co and the certificates produced, shewing that they have been subjected to the Admiralty test. - they were ordered and tested before the first of July but not supplied -

We beg respectfully to recommend her for the 10 A class (providing the Committee will not consider the Galvanised iron bolts which extend below the limit at her ends, and the wide spacing of the rivets to militate against her) and to be marked in the Register Book - Iron Wood frame planked (Expt B.S.)

The Figure 1 we submit for the Committee's consideration -

The present condition of caulking of Bottom, Deck & Waterways is good where tested -
 In what manner are the surfaces preserved from oxidation?

The Bottom sheathed with Yellow Metal on brown paper -

I am of opinion this Vessel should be classed

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

Special£ 5 : 5 -

Certificate (if required)£

Committee's Minute 20th September 1864

Character assigned A for 10 Years

Wood & Iron frame - Planked Expt B.S.

To have fig 1 at anchor

B Weymouth
 16/9/64
 + Memo £5
 returned to Mr. Perry Hornish
 22/11/66

General Committee
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