

Requisition No 264

Length aloft	Feet. 176	Inches.	Extreme Breadth....	Feet. 24	Inches. 6	Depth from top of Upper Deck Beam to top of Floor.....	Feet. 18	Inches. 11	Power of Engines....	Horse No. 70. Two Engines
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Transoms, material Iron or, if none, in what manner compensated for.

Knight-heads „ British Oak } Bulkheads, N^o. Five Thickness of 5/8 5/8

Hawse Timbers „ British Oak & Iron } are they free from defects? Yes „ how secured to the sides of the ship Between double frames

„ „ „ size of vertical angle iron and their distance apart 2 1/2 x 2 1/2 x 11 about 30 inches apart.

The Frames or Ribs extend in one length from Keel to Gunnwale rivetted through plates with (3/4 in.) rivets, about (6 inches) apart.

The reverse angle irons on the floors extend in one length across the middle line from upper part of bilge to Gunnwale alternately

„ „ „ on the frames „ „ „ from _____ to _____

Keelson, how are the various lengths of ~~plates or~~ angle irons connected? By Angle Iron built up frames

Plates, Garboard, double ~~or single~~ rivetted to keel & at upper edge, with rivets (1 1/4 x 3/4 ins.) diameter averaging (4 1/2 x 1/2 in.) from centre to centre of rivet.

„ Edges from Garboards to upper part of bilge, worked ~~carvel with a lining piece~~ (— in.) thick, ~~or~~ clencher, double ~~or single~~ rivetted; rivets (3/4 in.) diameter, averaging (3 ins.) from centre to centre of rivets.

„ Butts from Keel to turn of bilge, worked carvel with a lining piece (7/8 in.) thick, double ~~or single~~ rivetted; rivets (3/4 in.) diameter, averaging (3 ins.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? No

„ Edges from bilge to planksheer, worked ~~carvel with a lining piece~~ (—) thick, clencher or double ~~or single~~ rivetted; rivets (3/4 in.) diameter, averaging (3 in.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? No

„ Butts from bilge to planksheers, worked carvel with a lining piece (7/8 in.) thick, ~~or clencher~~, double ~~or single~~ rivetted; rivets (3/4 in.) diameter averaging (3 ins.) from centre to centre of rivets. Breadth of laps in double rivetting (3 1/2 ins) Breadth of laps in single rivetting (2 1/2 in)

Planksheer, how secured to the plating of the sides { Explain by sketch, }

Waterway „ „ planksheer and to the Beams { if necessary. } By nuts and screws

Side trussing _____ breadth and thickness of plates _____ how secured? _____

Deck trussing By plates all fore and aft each side of Hatchways 9 x 7/8 inches and diagonal plates where practicable

Deck Beams, how secured to the side? Bulk Iron Beam ends turned down

Hold or Lower Deck „ _____

Paddle „ „ _____

No. of breasthooks Four crutches _____ how are pointers compensated? _____

What description of iron is used for the angle iron and plate iron in the vessel? Mosson Iron Co.

Builder's Signature _____

Builder's Signature

IRON 436-0297

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 .	Wei
	Fore Sails,	Chain <i>Proved to 20 1/2 tons</i>	210	1 1/8	Bower,	1	10 "
		" <i>Stream do to 6 1/2 tons</i>	80	3/4		1	15 "
	Fore Top Sails,	Hempen Stream Cable	90	7 1/2		1	9 "
	Fore Topmast Stay Sails,	Hawser	90	5 1/2	Stream,	1	3 "
	Main Sails,	Towlines	90	4			
	Main Top Sails,	Warp	90	3	Kedge,	1	1 "
	and <i>spare sails</i>	All of <i>Good</i> quality.					

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

She has One Long Boat and Three others

The present state of the ~~Windlass~~ ^{Patent} Capstan Good and Rudder Good Pumps Four heads 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	<i>Specially surveyed while building from October 1862 to May 1863 15 or after 15 visits.</i>
	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 been built under special survey as per order 1st 26th. Is fitted at the gunwale as per sketch herewith; see Committee's letter dated the 30th Dec^r 1862. Engineers' Certificate herewith.

In what manner are the surfaces preserved from oxidation? Portland cement on the bottom between the floors, and three coats of Red lead the remainder inside and outside and one coat of M. I. Inness' patent composition on bottom.

I am of opinion this Vessel should be classed G.A.T.

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

Special£ 18 : 8 : "

Certificate (✶ required)£ " : " : "

Committee's Minute 26th Nov 1863.

Character assigned *A 1 for 9 years*

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Foundation