

IRON SHIPS.

Per 20/1/63

No. 9096 Survey held at Newcastle Date 13 Oct - 14 17 1863
 on the Steamer "James Price" Master John Jones
 Tonnage Gross 694.53 Engine Room 158.52 Register 531.01 Built at Newcastle
 When Built 1863 By whom built Wm. Paterson & Co. Owners Mr. John Fenwick
 Port belonging to Malton Destined Voyage Malton
 Surveyed Afloat or in Dry Dock and while building

Length aloft	Extreme Breadth	Depth from top of Upper Deck Beam to top of Floor	Power of Engines	Horse No.
200 ¹ / ₁₀	28 ¹⁵ / ₁₀₀	16 ⁹ / ₁₀	90	90

Distance of Frames or Ribs from moulding edge to moulding edge, all fore and aft	Inches in Ship		Inches required per Rule		Stem, if bar iron, moulding and thickness	Inches in Ship	16ths in Ship	Inches required per Rule	16ths required per Rule
	Inches	16ths	Inches	16ths					
	18		18		2 3/4	7		2 3/4	
Floors, Size of Angle Iron, and No. at bottom of Floor Plate	4	3 7/16	4	3 7/16	Stern-post, if bar iron, moulding and thickness	5	4	5 1/2	
depth and thickness of Floor Plate at mid line	23 7/16		16 3/4	7/16	if plate iron, breadth and thickness				
depth and thickness of Floor Plate at Bilge Keels	10 7/16		5 7/16		Keel, if bar iron, depth and thickness				
Size of Reversed Angle Iron, and No. at top of Floor Plate	3	3 7/16	3	2 3/4	if plate iron, breadth and thickness	3 1/2	3 1/4	30	13/16
Frames, Size of Angle Iron, single or double	4	3 7/16	4	3 7/16	Garboard Plates, thickness				
Reversed Iron, to every frame	3	3 7/16	3	2 3/4	From Garboard to upper part of Bilge	9/16		9/16	
Beams, Deck (No. double Angle Iron)	3	3 7/16	3	2 3/4	From upper part of Bilge to Sheerstrakes	7/16		7/16	
Bulb Iron with double Angle Iron on top	3 1/2	2 1/2	5 1/4	2 1/2	Sheerstrakes	3 1/2		3 1/2	
depth & thickness of plate amidships	4	7/16	4	7/16	Breadth & thickness of Butt Straps to outside plating	8	9 1/16	10	7/16
double or single Angle Iron, on lower edge					Planksheers	1/4		1/4	
average space between	3	0	3	0	Gunwale Plate or Stringer on ends of Up. Dk Beams	2 1/2	7 1/16	2 1/2	7 1/16
if wood (No. sided & moulded)					Angle Iron on ditto	4 1/2	3 1/2	4 1/2	3 1/2
Hold, or Lower Deck (No. double Angle Iron or Bulb Iron with double Angle Iron on top)	2 3/4	2 1/2	5 1/4	2 1/2	Waterway				
depth & thickness of plate amidships	4	7/16	4	7/16	Deck				
double or single Angle Iron, on lower edge					Ceiling in Hold	3 1/2		3 1/2	
average space between					Ceiling betwixt Decks				
if wood (No. sided & moulded)					Beam Clamps				
Paddle, wood, sided and moulded or if Iron, size of Plate					Shelf				
Engine					Stringer Plates on ends of Hold or Lower Dk Beams	2 1/2	7 1/16	2 1/2	7 1/16
Keelson, wood sided & moulded iron, size of plate, if Box, give sketch & dimensions	2 1/4	2 1/4	5 1/4	2 1/4	Ceiling between Decks				
Side or Bilge					Stringer or Tie Plates (outside Hatchways)	12	7 1/16	10 1/2	7 1/16
Number	4 1/2	3 1/2	7 1/16	4 1/2	Deck Beam Clamps				
Transoms, material					Shelf				
Knight-heads					Stringers in Hold				
Hawse Timbers					Deck, Lower				
Bulkheads, No.					Deck, Upper, how fastened to Beams				

Builder's Signature
 For Palmer, Roberts & Co.
 W. Leam & Co. Ltd.
 2, IRON 436-0417

3270 Iron

Workmanship. Are the lands or laps of the clenwork 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? They pieces
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? None

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.
<u>One</u>	Fore Sails,	Chain	<u>240</u> <u>1 3/8</u>	Bower, <u>Patent</u>	<u>3</u> <u>19.1.0</u>
	Fore Top Sails,	Hempen Stream Cable	<u>90</u> <u>7/8</u>		<u>19.0.2</u>
<u>Complete</u>	Fore Topmast Stay Sails,	Hawser	<u>90</u> <u>5</u>	Stream,	<u>1</u> <u>7.0.2</u>
	Main Sails,	Towlines	<u>90</u> <u>8</u>		
<u>Scut</u>	Main Top Sails,	Warp	<u>90</u> <u>5</u>	Kedge,	<u>2</u> <u>3.2.1</u>
	and other requisite sails	All of <u>best</u> quality.	<u>90</u> <u>4 1/2</u>		

Her Standing and Running Rigging Complete sufficient in size and new in quality.

She has One Life boat Long Boat and 22ft. Cutter 20ft. Solly 18ft.

The present state of the Windlass is Complete Capstan and Rudder Complete Pumps 27 and 100 and jack pumps

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
- Build - Insaid
Special Survey
per order no 371

The vessel is constructed in accordance with the enclosed midship section, sanctioned by your Survey of the 24th Sept. last.

The anchors will be seen to be 20 per cent less than required by Table 22, as per your letter to Builders the 16th April 1863.

Certificate for the anticise plates is enclosed as a position was omitted to be stamped and the remainder very indistinctly marked.

Certificates of Proof for Chain cables and anchors are herewith sent.

In what manner are the surfaces preserved from oxidation? Thin coat of
Sublime Surface Asphaltum.

I am of opinion this Vessel should be classed A1

The amount of the Fee £ 57 - - is received by me,

Special £ 34 15 - -

Certificate (if required) Gratis £ - - - -

[Signature]
W. L. L. L.

Committee's Minute 30th June 18 63

Character assigned A1 for 6 Years

This Survey appears to be for Classification as recommended by the Committee and satisfied with the result of the same.



At the time the vessel was launched.