

4222 IRON SHIPS.

No. 2361 Survey held at Glasgow Date August 8th 1885
 on the Screw S^r "Baron Riccioli" Master [Signature]
 Tonnage under tonnage deck 140.13 Built at Glasgow When built 1875 Launched 8th July 1885
 Ditto of poop Round House &c or spar deck 2.20 By whom built J. G. Laurie Owners C. A. Bell & Co. D. J. D. J.
 Ditto of engine room 43.49 Port belonging to Genoa Destined Voyage Genoa 13/9/1885
 Total Register tonnage 98.89
 Gross tonnage 142.52
 Surveyed while Building, Afloat, or in Dry Dock whilst building and afloat

Length aloft	Feet.	Inches.	Extreme Breadth	Feet.	Inches.	Depth from top of Upper Deck Beam to top of Floor	Feet.	Inches.	Power of Engines	Horse.	N ^o . of Decks			
130			17			9			100		One			
Dimensions of Ship per Register, length <u>130</u> breadth <u>17.1</u> depth <u>9.4</u>														
Keel, if bar iron, depth and thickness	Inches in Ship.		Inches required per Rule.		Plates in Garboard Strakes, breadth and thickness		Inches in Ship.		16ths. In Ship.		Inches required per Rule.		16ths. required per Rule.	
Keel, if plate iron, breadth and thickness	0 x 1 1/2		0 x 1 1/2		Ditto from Garboard to upper part of Bilges		80		70		70		70	
Stem, if bar iron, moulding and thickness	0 x 1 1/2		0 x 1 1/2		Ditto from upper part of Bilge to a perpendicular height from upper side of Keel of 3/4ths the entire depth of Hold		90		70		70		70	
Stem, if plate iron, breadth and thickness	0 x 1 1/2		0 x 1 1/2		Ditto from 3/4ths depth of Hold to lower edge of Sheerstrake		50		50		50		50	
Stern-post, if bar iron, moulding and thickness	0 x 3		0 x 3		Ditto Sheerstrake, breadth and thickness		80		90		50		50	
Stern-post, if plate iron, breadth and thickness	0 x 3		0 x 3		Butt Straps to outside plating, breadth and thickness		8		4/6		3/16		3/16	
Distance of Frames from moulding edge to moulding edge, all fore and aft	21		21		Gunwale Plate or Stringer on ends of Upper Deck Beams, breadth and thickness		22 1/2		90		18 1/2		50	
Frames, Size of Angle Iron, single or double	2 1/2		2 1/2		Angle Iron on ditto		3		90		3		8 1/2	
Reversed Iron, if to every frame	to the upper part of frame				Stringer or Tie Plates fore and aft, on Upper Deck Beams, outside Hatchways		0		50		0		50	
Bilges, depth and thickness of Floor Plate at mid line	11		90		Diagonal Tie Plates on ditto		9		50		0		50	
Ditto ditto at Bilge Keelson	4		90		Planksheer, materials and scantlings		Red Pine		Red Pine		Red Pine		Red Pine	
Size of Reversed Angle Iron, and No. at top of Floor Plate	2 1/2		2 1/2		Waterway ditto ditto		0		Red Pine		0		Red Pine	
Beams, Deck (N ^o .) double Angle Iron, Plates, Box, or Bulb Iron	4 1/2		3		Flat of Upper Deck, thickness and material		3/4		Cotton for 3/4		3/4		3/4	
Double or single Angle Iron, on edge	3		90		Ditto how fastened to Beams		Butt and Secant							
Average space between	3 feet		0		Ceiling betwixt Decks and in Hold, thickness and material		Battens & 3/4 Red Pine							
Hold, or Lower Deck (N ^o .) double Angle, Box, Plate, or Bulb Iron	4 1/2		3		Clamps or Spirketting ditto									
Double or single Angle Iron, on edge	4 1/2		3		Stringer Plates on ends of Hold or Lower Deck Beams, breadth and thickness									
Average space between	3 feet		0		Stringer or Tie Plates fore and aft outside Hatchways, on Hold or Lower Deck Beams									
Paddle, sided and moulded, thickness of Plate size of Angle Iron					Stringers in Hold		5		3 1/2		3		8 1/2	
Engine "double ditto" " "					Flat of Lower Deck, thickness and material									
Keelson, single or double plate, box, or intercostal	14		90		Main piece of Rudder, diameter at head		3 1/2							
Size of Plates	5		3		Ditto at heel		2							
Size of Angle Irons	5		3		(Can the Rudder be unshipped afloat)		Yes							
Side, single or double, plate, box, or intercostal	5		3		Bulkheads, N ^o . Thickness of		3/4							
Bilge (N ^o .) at each Bilge, single, or double, plate, or box	5		3		Ditto Height up		upper deck							

Transoms, material Red Pine, if none, in what manner compensated for.
 Knight-heads, and Hawse Timbers Red Pine
 The Frames extend in one length from middle line to Gunwale rivetted through plates with (5/8 in.) rivets, about (4 1/2) apart.
 The reverse angle irons on the floors extend in one length across the middle line from upper part of Bilge to Deck
 " " " on the frames " " " from to to to
 Keelson, how are the various lengths of plates or angle irons connected? by lining pieces
 Plates, Garboard, double or rivetted to keel, double or at upper edge, with rivets (1/2 in.) diameter, averaging (3 1/2 in.) apart.
 Edges from Garboards to upper part of bilge, worked clencher, double or single rivetted; with rivets (5/8 in.) diameter, averaging (3 1/2 ins.) apart.
 Butts from Keel to turn of bilge, worked carvel with butt straps (5/8 , 9/16) thick, double or single rivetted; with rivets (5/8 in.) diameter, averaging (3 1/2 ins.) apart. Do the butt straps lap over and rivet through the lands of the strake below? Yes
 Edges from bilge to sheerstrake, worked carvel with a lining piece () thick, or clencher, double or single rivetted; with rivets (5/8 in.) diameter, averaging (3 1/2 in.) apart. Do the butt straps lap over and rivet through the lands of the strake below? Yes
 Edges of Sheerstrake, double or single rivetted? At upper edge Single At lower edge Double
 Butts from bilge to planksheers, worked carvel with butt straps (5/8 , 9/16) thick, double or single rivetted; with rivets (5/8 in.) diameter, averaging (3 1/2 ins.) apart. Breadth of laps in double rivetting (5/8) Breadth of laps in single rivetting (5/8)
 Butt Straps of Keelsons, Stringer and Tie Plates, double or single rivetted? Double
 Planksheer, how secured to the plating of the sides Red Bulwarks
 Waterway " " planksheer and to the Beams if necessary. Butt & Screw Bolts
 Deck Beams, how secured to the side? Welded Beams rivetted to Frames
 Hold or Lower Deck ditto to
 Paddle " " No. of breasthooks Three crutches Three
 What description of Iron is used for the Frames, Beams, Keelsons, Tie and Stringer Plates, Outside Plating, &c.? Blackchain
 Manufacturer's name or trade mark [Signature]

We certify that the above is a correct description of the several particulars therein given.
 Builder's Signature J. G. Laurie Surveyor's Signature [Signature]
 Lloyd's Register Foundation
 IRON438-0371

Workmanship. Are the lands or laps of the clenwork 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? Yes or are they in short lengths of various thicknesses? Yes

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? A few in corners of butts

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.)

She has SAILS.

CABLES, &c.

ANCHORS, and their weights.

N ^o .	Description	Fathoms.	Inches.	Tons.	Tons.	N ^o .	Weight.	Tons.
1	Fore Sails, Chain	120	3/4	10.2	2	2.5	5.0	
2	Fore Top Sails, Hempen Stream Cable	90	5			2.5	5.0	
3	Fore Topmast Stay Sails, Hawser	90	3 1/2					
4	Main Sails, Towlines	90	3			1	1.25	
5	Main Top Sails, Warp	90	3 1/2					
	All of <u>Good</u> quality.							
						1	1.00	

Her Standing and Running Rigging Galley? Main? Mast? sufficient in size and Good in quality.

She has Two Boats Long Boat and —

The present state of the Windlass is Two Capstan Two and Rudder Two Pumps Two and efficient

Order for Special Survey No. 387 Date April 25/65 DATES of Surveys held while building as per Section 18.

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 Built under special survey from the 9th May to the 25th Aug.

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

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

General Remarks,

Sheerstrake doubled with a 50 plate for three fourths the length of the vessel. Gunwale plate increased a 1/2 of an inch in thickness and to 35 1/2 ins in width and in other respects as per accompanying Indship Section

In what manner are the surfaces preserved from oxidation? Inside Black Paint and Red Lead Outside Red Lead

I am of opinion this Vessel should be Classed A. 1

The amount of the Fee £ 2 : - : - is received by me, Special £ 4 : 2 : - Certificate (if required) £ 10 : - : -

Committee's Minute 11th August 1865

Character assigned A. 1

A. Darling

The above vessel is eligible for Classing as recommended above

Lloyd's Register Foundation

Aug 10/65