

IRON SHIPS.

2033

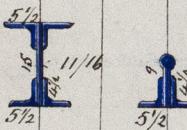
No. 1439 Survey held at Belfast
on the screw-Barge "Sicilian" Master

Date 24th November 1859

Tonnage Gross 1491 99 Engine Room Register Built at Belfast Launched 12th Nov.
When Built 1859 By whom built E. J. Marshall Owners John Begg Sons & Co.
Port belonging to Liverpool Destined Voyage

If Surveyed Afloat or in Dry Dock Specially Surveyed while Building

	Feet.	Inches.		Feet.	Inches.		Depth from top of Upper Deck } Beam to top of Floor.....	Feet.	Inches.		Power of Engines....	Horse No.
	Length aloft	275 5		Extreme Breadth....	34 -		22 10½					
Distance of Frames or Ribs from moulding edge to moulding edge, all fore and aft }		18		Inches in Ship.		Inches required per Rule.						
Floors, Size of Angle Iron, and No. / at bottom of Floor Plate.....	5	3½	9/16	Inches. In Ship.	Inches. In Ship.	16ths. In Ship.	Inches. required per Rule.	Inches. required per Rule.	16ths. required per Rule.			
,, depth and thickness of Floor Plate at mid line	23	-	11/16	23		11/16						
,, depth and thickness of Floor Plate at Bilge Keelson	7		11/16									
,, Size of Reversed Angle Iron, and No. 2 at top of Floor Plate...	3½	3	8/16	3½	3	8/16						
Frames, Size of Angle Iron, single or double..	5	3½	9/16	5	3½	9/16						
Reversed Iron, if to every frame in lower hold & to alternate frames to upper or every frame.....	3½	3	8/16	3½	3	8/16						
Beams, Deck (N°. X) double Angle Iron or Bulb Iron with double Angle Iron on top	3	3	9/16									
,, depth & thickness of plate amidships	6	X	14/16	8½	X	9/16						
,, double or single Angle Iron, }												
Bulb Iron on lower edge	35											
,, average space between												
,, if wood (N°. X) sided & moulded												
Hold, or Lower Deck (N°.) double Angle Iron or Bulb Iron with double Angle Iron on top }	3	3	9/16									
,, depth & thickness of plate amidships	6	14/16	8½	X	9/16							
,, double or single Angle Iron, }												
Bulb Iron on lower edge	35											
,, average space between												
,, if wood (N°.) sided & moulded												
Paddle, wood, sided and moulded												
,, if Iron, size of Plate	18	20	8/16									
Engine ...												
Keelson, wood, sided & moulded, iron, size of plate, if Box, give sketch & dimensions												
,, Side or Bilge												
,, Number												



Transoms, material Iron or, if none, in what manner compensated for.

Knight-heads .. Iron

Hawse Timbers .. Iron

} are they free from defects? yes

5 to main deck &

Bulkheads, N°. 24 lower deck Thickness of 2 1/16

,, how secured to the sides of the ship Riveted between two plates

,, size of vertical angle iron and their distance apart 3 1/2 x 3 1/2 x 30 ft apart

The Frames or Ribs extend in one length from Keel to Gunwale riveted through plates with (1/8 in.) rivets, about (b) apart.

The reverse angle irons on the floors extend in one length across the middle line from 3 1/2 to 4 feet on to each side alternately to hold Beams & Gunwale

,, , , on the frames , , , from Gunwale to Gunwale

Keelson, how are the various lengths of plates or angle irons connected? With butt straps and double riveted ✓

Plates, Garboard, double or single riveted to keel & at upper edge, with rivets (4 1/4 ins.) diameter averaging (4 in.) from centre to centre of rivets.

,, Edges from Garboards to upper part of bilge, worked carvel with a lining piece (— in.) thick, or clench, double or single riveted ; rivets (1/8 in.) diameter, averaging (3 ins.) from centre to centre of rivets.

,, Butts from Keel to turn of bilge, worked carvel with a lining piece (13 1/8 in.) thick, double or single riveted ; rivets (7/8 in.) diameter, averaging (3 ins.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the stake below? alternately

,, Edges from bilge to planksheer, worked carvel with a lining piece (— in.) thick, double or single riveted ; rivets (7/8 in.) diameter, averaging (3 in.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the stake below? alternately

,, Butts from bilge to planksheer, worked carvel with a lining piece (11/16 in.) thick, or clench, double or single riveted ; rivets (7/8 in.) diameter, averaging (3 ins.) from centre to centre of rivets. Breadth of laps in double rivetting (4 1/2) Breadth of laps in single rivetting (—)

Planksheer, how secured to the plating of the sides

Waterway , , , planksheer and to the Beams { Explain by sketch, }

Side trussing breadth and thickness of plates how secured?

Deck trussing on Hold Beams .. , , , , , ?

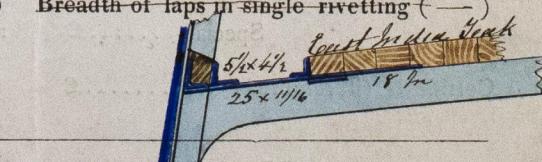
Deck Beams, how secured to the side? Beam ends turned, knee plates & Riveted to frames

Hold or Lower Deck , The same as above, and diagonal trussing to Masts & Stringer-plates ✓

Paddle ..

No. of breasthooks 5 crutches 3 how are pointers compensated? by plate iron mortised to frames

What description of iron is used for the angle iron and plate iron in the vessel? Hafordshire ✓



Builder's Signature

E. J. Marshall

Lloyd's Register Foundation

RON434-0126

2035. Jan.

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 riveted 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 fay 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? Filled in solid

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 _____ condition, and sufficient in size and length.

She has SAILS.

N ^o .	
	Fore Sails,
	Fore Top Sails,
	Fore Topmast Stay Sails,
	Main Sails,
	Main Top Sails,
and	

CABLES, &c.

Fathoms.	Inches.
Chain	
Hemp Stream Cable	
Hawser	
Towlines	
Warp	
All of _____ quality.	

ANCHORS, and their weights.

N ^o .	Weight.
Bower,	
Stream,	
Kedge,	

Her Standing and Running Rigging _____ sufficient in size and _____ in quality.

She has _____ Long Boat and _____

The present state of the Windlass is _____ Capstan _____ and Rudder _____ 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
- { Specally Surveyed
White Building

This Vessel has plates worked across the top of keel 180 feet amidships 13 $\frac{1}{16}$ in thick connecting the two garboard strakes, Double sheerstrake 14 $\frac{1}{16}$ tapering to 9 $\frac{1}{16}$ in at ends. Butts triple riveted 181 feet amidships, as also the strake below an additional Strander-plate on each side of main deck 18 in tapering to 9 in at ends 14 $\frac{1}{16}$ for 186 feet amidships riveted to strander. The plates on main deck beams 3 $\frac{1}{4}$ x 8 $\frac{1}{16}$ tapering to 18 inches at ends. Two angle irons on lower deck beams, amidships 13 x 3 x 6 $\frac{1}{16}$ in. also diagonal plates at masts fore hatch 12 x 10 $\frac{1}{16}$ in. And in place of Intercostal keelson between bilge and center, she has 9 x 8 $\frac{1}{16}$ inch bulb iron riveted between 5 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 9 $\frac{1}{16}$ in angle iron for 180 feet amidships, and the angle irons connected to the ends, riveted back to back. The bilge keelsons has 9 x 8 $\frac{1}{16}$ in bulb iron riveted between the angle irons 100 feet amidships.

She was towed from this Port to Greenock Nov 24th with lower Masts stepped and where she is now receiving her Machinery and outfit

In what manner are the surfaces preserved from oxidation? Three coats of Red & White Lead mixed, out & inside but she is coated in flat with Day & Co's Patent Marine Cement to turn of bilge

I am of opinion this Vessel should be classed 12A

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

Special £ 74:11:6

Certificate (if required) £ 79:11:6

Committee's Minute 16th December 1859.

Character assigned A - for 12 Years

Built of iron

I concur in the above Recommendation

16 Dec 2019 JPL