

IRON SHIP. 20729

No. _____ Survey held at London Date, First Survey _____ Last Survey _____ 18 77

On the _____ Master _____

TONNAGE under Tonnage Deck 416.12
 Ditto of Third, Spar, or Awning Deck. 72.95
 Ditto of Poop, or Raised Or. Dk. 23.78
 Ditto of Houses on Deck 512.22
 Ditto of Forecastle 120.30
 Gross Tonnage 392.56
 Less Crew Space 100
 Less Engine Room 100
 Register Tonnage as cut on Beam 392.56

ONE, OR TWO DECKED, THREE DECKED VESSEL.
SPAR, OR AWNING-DECKED VESSEL.
HALF BREADTH (moulded) 12.4
DEPTH from upper part of Keel to top of Upper Deck Beam 15.99
GIRTH of Half Midship Frame (as per Rule) 23.55
1st NUMBER 51.94
1st NUMBER, if a THREE-DECKED VESSEL [deduct 7 feet]
LENGTH 184.5
2nd NUMBER 9582.9
PROPORTIONS—Breadths to Length under 7.4
 Depths to Length—Upper Deck to Keel 12.0
 Main Deck ditto 12.0

Built at Port Glasgow
 When built 1863 Launched 12th Sept
 By whom built John Reid & Co
 Owners _____
 Port belonging to Liverpool
 Destined Voyage _____
 If Surveyed while Building, Afloat, or in Dry Dock.

LENGTH	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH	Feet.	Inches.	Power of	Horse.	Nº. of Decks with flat laid	Nº. of Tiers of Beams
on deck as			Moulded...			top of Floors to Upper			Engines ...			
per Rule ...						Deck Beams						
						Do. do. Main Deck Beams						
Dimensions of Ship per Register, length, breadth, depth,												
KEEL , depth and thickness			Inches in Ship.			Inches per Rule.						
STEM , moulding and thickness												
STERN-POST for Rudder do. do.												
for Propeller												
Distance of Frames from moulding edge to moulding edge, all fore and aft												
FRAMES , Angle Iron, for $\frac{3}{4}$ length amidships			Inches. In Ship.			Inches. In Ship.						
Do. for $\frac{1}{2}$ at each end												
REVERSED FRAMES , Angle Iron												
FLOORS , depth and thickness of Floor Plate at mid-line for half length amidships												
thickness at the ends of vessel												
depth at $\frac{3}{4}$ the half-bdth. as per Rule												
height extended at the Bilges												
BEAMS , Upper, Spar, or Awning Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron												
Single or double Angle Iron on Upper edge												
Average space												
AMS , Main, or Middle Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron												
Single, or double Angle Iron, on Upper Edge												
Average space												
AMS , Lower Deck, Hold, or Orlop Single or d'ble Ang. Iron, Plate or Tee Bulb Iron												
Single or double Angle Iron on Upper Edge												
Average space												
ELSONS Centre line, single or double plate, box, or Intercoastal, Plates												
Rider Plate												
Bulb Plate to Intercoastal Keelson												
Angle Irons												
Double Angle Iron Side Keelson												
Side Intercoastal Plate												
do. Angle Irons												
Attached to outside plating with angle iron												
BILGE Angle Irons												
do. Bulb Iron												
do. Intercoastal plates riveted to plating for length												
BILGE STRINGER Angle Irons												
Intercoastal plates riveted to plating for length												
SIDE STRINGER Angle Irons												
Transoms, material. Knight-heads. Hawse Timbers.												
Windlass												
Pall Bitt												

Flat Keel Plates, breadth and thickness ...

PLATES in Garboard Strakes, breadth and thickness from Garboard to upper part of Bilges of doubling at Bilge, or increased thickness, and length applied ...

fm up. part of Bilge to lr. edge of Sh'rstrake

Main Sheerstrake, breadth and thickness of d'bling at Sh'rstrake, & length applied from Mn. to Upr. or Spar Dk. Sh'rstrake.

Up. or Spar Dk Sh'rstrake, brdth & thickness

Butt Straps to outside plating, breadth & thickness

Lengths of Plating ...

Shifts of Plating, and Stringers ...

Gunwale Plate on ends of Awning, Spar, or Upper Deck Beams, breadth and thickness ...

Angle Iron on ditto ...

Tie Plates fore and aft, outside Hatchways ...

Diagonal Tie Plates on Beams No. of Pairs,

Planksheer material and scantling ...

Waterways do. do. ...

Flat of Upper Deck do. do. ...

How fastened to Beams ...

Stringer Plate on ends of Main or Middle Deck Beams, breadth and thickness ...

Is the Stringer Plate attached to the outside plating?

Angle Irons on ditto, No. ...

Tie Plates, outside Hatchways ...

Diagonal Tie Plates on Beams, No. of pairs

Waterways materials and scantlings ...

Flat of Middle Deck do. do. ...

How fastened to Beams ...

Stringer Plates on ends of Lower Deck, Hold or Orlop Beams ...

Is the Stringer Plate attached to the outside plating?

Angle Irons on ditto, No. ...

Stringer or Tie Plates, outside Hatchways

Flat of Lower Deck ...

Ceiling betwixt Decks, thickness and material in hold do. do. ...

Main piece of Rudder, diameter at head do. at heel ...

Can the Rudder be unshipped afloat?

Bulkheads No. 5 Thickness of

Height up

How secured to sides of ship

Size of Vertical Angle Irons and distance apart ins.

Are the outside Plates doubled two spaces of Frames in length?

The **FRAMES** extend in one length from Keel to gunwale Riveted through plates with in. Rivets, about apart.

The **REVERSED ANGLE IRONS** on floors and frames extend middle line to and to alternately

KEELSONS. Are the various lengths of Plates and Angle Irons properly connected? And butts properly shifted?

PLATING. Garboard, double riveted to Keel, with rivets in. diameter, averaging ins. from centre to centre.

Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets in. diameter, averaging ins. from centre to centre.

Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets in. diameter averaging ins. from centre to centre.

Butts of Strakes at Bilge for length, treble riveted with Butt Straps thicker than the plates they connect.

Edges from bilge to Main Sheerstrake, worked clencher, double or single riveted; with rivets in. diameter, averaging ins. from cr. to cr.

Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets in. diameter, averaging ins. from cr. to cr.

Edges of Main Sheerstrake, double or single riveted.

Upper Sheerstrake, double or single riveted.

Butts of Main Sheerstrake, treble riveted for length amidships. Butts of Upper or Spar Sheerstrake, treble riveted length amidships.

Butts of Main Stringer Plate, treble riveted for length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for length.

Breadth of laps of plating in double riveting Breadth of laps of plating in single riveting

Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted?

Waterway, how secured to Beams (Explain by Sketch, if necessary.)

Beams of the various Decks, how secured to the sides? No. of Breasthooks, Crutches,

What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.?

Manufacturer's name or trade mark,

The above is a correct description.

Builder's Signature, Surveyor's Signature, Surveyor to Lloyd's Register of British and Foreign Shipping.

Workmanship. Are the butts of plating planed or otherwise fitted?

Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies?

Are the fillings between the ribs and plates solid single pieces?

Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other?

Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces?

Do any rivets break into or through the seams or butts of the plating?

Masts, Bowsprit, Yards, &c., are _____ in _____ condition, and sufficient in size and length. *If of Iron or Steel give 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 riveting, quality of Materials, and if stamped with Maker's name.*

State also Length and Diameter of Lower Masts and Bowsprit

NUMBER for EQUIPMENT

N ^o .	SAILS.	CABLES, &c.	Fathoms.	Inches.	Test per Certificate.	Length & Size req'd pr Rule.	Test req'd per Rule.	ANCHORS.	N ^o .	Weight. Ex. Stock.	Test per Certificate	W'ght req'd per Rule.	Test req'd per Rule.
	Fore Sails,	Chain						Bowers					
	Fore Top Sails,	(State Machine where Tested, Date, & name of Superintendent.)						(State Machine where Tested, Date, & name of Superintendent.)					
	Fore Topmast Stay Sails	Hmpn Strm Cbl						Stream	...				
	Main Sails,	Hawser ...						Kedges	...				
	Main Top Sails,	Towlines ...											
	and	Warp ...											
		quality											

Standing and Running Rigging _____ sufficient in size and _____ in quality. She has _____ Long Boat and _____

The Windlass is _____ Capstan _____ and Rudder _____ Pumps _____

Engine Room Skylights.—How constructed? _____ How secured in ordinary weather? _____

What arrangements for deadlights in bad weather?

Coal Bunker Openings.—How constructed? _____ How are lids secured? _____ Height above deck? _____

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea?

Cargo Hatchways.—How formed?

State size **Main Hatch** _____ Forehatch _____ Quarterhatch _____

If of extraordinary size, state how framed and secured?

What arrangement for shifting beams?

Hatches, If strong and efficient?

Order for Special Survey No. _____

Date _____

Order for Ordinary Survey No. _____

Date _____

No. _____ in builder's yard.

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 process of riveting
- 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 or cemented..
- 5th. After the ship was launched and equipped

General Remarks (State quality of workmanship, &c.)

State if one, two, or three, decked vessel, or if spar, or awning decked; and the lengths of poop, forecastle, or raised quarter deck, and the length of double, or part double bottom.

How are the surfaces preserved from oxidation? Inside _____ Outside _____

I am of opinion this Vessel should be Classed _____

The amount of the Entry Fee ... £ : : is received by me, }

Special ... £ : : 187 }

Certificate ... £ : : }

(Travelling Expenses, if any, £ _____).

Committee's Minute _____

Character assigned _____



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