

Last Report
Iron 3088.

IRON SHIPS.

No. 4652 Survey held at Grunoek
on the Screw Steamer "Persian"

Date 23rd May

1863

Master

Tonnage Gross 2075 Engine Room 305 Register 1770 Built at Belfast

When Built 1863 By whom built Harland & Wolff Owners Billysons & Co.

Port belonging to Liverpool Destined Voyage Wydre to

If Surveyed Afloat or in Dry Dock

Afloat

Classed "12"

2.69

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 No.
Distance of Frames or Ribs from moulding edge to moulding edge, all fore and aft			Inches in Ship.			Inches required per Rule.				
Floors, Size of Angle Iron, and No. at bottom of Floor Plate			Inches. In Ship.			Inches. In Ship.				
„ depth and thickness of Floor Plate at mid line										
„ depth and thickness of Floor Plate at Bilge Keelson										
„ Size of Reversed Angle Iron, and No. at top of Floor Plate										
Frames, Size of Angle Iron, single or double										
„ Reversed Iron, if to every frame or every frame										
Beams, Deck (N°) double Angle Iron or Bulb Iron with double Angle Iron on top										
„ „ depth & thickness of plate amidships										
„ „ double or single Angle Iron, on lower edge										
„ „ average space between										
„ „ if wood (N°) sided & moulded										
„ Hold, or Lower Deck (N°) double Angle Iron or Bulb Iron with double Angle Iron on top										
„ „ depth & thickness of plate amidships										
„ „ double or single Angle Iron, on lower edge										
„ „ average space between										
„ „ if wood (N°) sided & moulded										
„ Paddle, wood, sided and moulded or if Iron, size of Plate										
„ Engine „ „ „ „										
Keelson, wood, sided & moulded, iron, size of plate, if Box, give sketch & dimensions										
„ Side or Bilge										
„ Number										
Stem, if bar iron, moulding and thickness										
„ if plate iron, breadth and thickness										
Stern-post, if bar iron, moulding and thickness										
„ if plate iron, breadth and thickness										
Keel, if bar iron, depth and thickness										
„ if plate iron, breadth and thickness										
Garboard Plates, thickness..										
From Garboard to upper part of Bilge										
From upper part of Bilge to Sheerstrakes										
Sheerstrakes										
Breadth & thickness of Butt Straps to outside plating										
Planksheers										
Gunwale Plate or Stringer on ends of Up. Dk Beams										
Angle Iron on ditto										
Waterway										
Deck										
Ceiling in Hold										
Ceiling betwixt Decks										
Beam Clamps										
„ Shelf										
„ Stringer Plates on ends of Hold or Lower Dk Beams										
Ceiling between Decks										
Stringer or Tie Plates out- side Hatchways										
Deck Beam Clamps										
„ „ Shelf										
Stringers in Hold										
Deck, Lower										
Deck, Upper, how fastened to Beams										

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

Knight-heads „ „ Bulkheads, N°. Thickness of „ „
Hawse Timbers „ „ are they free from defects? „ „ how secured to the sides of the ship „ „
„ „ size of vertical angle iron and their distance apart „ „

The Frames or Ribs extend in one length from to rivetted through plates with (in.) rivets, about () apart.

The reverse angle irons on the floors extend in one length across the middle line from to

„ „ „ on the frames „ „ „ from to

Keelson, how are the various lengths of plates or angle irons connected?

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

„ Butts from Keel to turn of bilge, worked carvel with a lining piece () thick, double or single rivetted; rivets (in.) diameter, averaging (ins.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below?

„ Edges from bilge to planksheer, worked carvel with a lining piece () thick, double or single rivetted; rivets (in.) diameter, averaging (in.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below?

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

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

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

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

Deck trussing „ „ „ „ „ „ ?

Deck Beams, how secured to the side?

Hold or Lower Deck „ „

Paddle „ „

No. of breasthooks „ „ crutches „ „ how are pointers compensated?

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

Builder's Signature

IRON 436-0325

3188. Iron

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? _____
Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? _____
Do the fillings between the ribs and plates fill in solid with single pieces, or are they in short lengths of various thicknesses? _____
Do the holes for rivetting plate to frames, lining pieces, or plate to plate, &c., conform well to each other? _____ and are the rivet holes well and sufficiently countersunk in the outer plate? _____
Are there any rivets which either break into or have been put through the seams or butts of the plating? _____

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.
	Fore Sails,	Chain <i>Reported by Mr. Linton.</i>					
	Fore Top Sails,	Hempen Stream Cable	90	10½			
<i>One Unit of Sails</i>	Fore Topmast Stay Sails,	Hawser	90	9			
	Main Sails,	Towlines	90	7½			
	Main Top Sails,	Warp	90	6			
	and spare sails	All of <u>Good</u> quality.					

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

She has Long Boat and Long

The present state of the Windlass is Good Capstans Steam Winches and Rudder Good Pumps Two Lead 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 _____
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 _____

In what manner are the surfaces preserved from oxidation?

I am of opinion this Vessel should be classed _____

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

Special£ : :

Certificate (if required)£ : :

Committee's Minute 16th June 1863.

Character assigned 12th June



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