2698

IRON SHIPS.

Rec. 24/2/62

No. 4423 Survey held at Greenock Date 12th February 1862

Sep 26

on the Screw Steamer "Dalmatian" Master

Tonnage Gross 1989 Engine Room Register 1693 Built at Belfast

When Built 1861 By whom built Harland Owners J. Bibby Sons & Co.

Port belonging to Liverpool Destined Voyage Clyde to Liverpool

If Surveyed Afloat or in Dry Dock Afloat Classed 12 Dec 12.61

PLANS CASE

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. 450. Two Engines

	Inches in Ship. Inches. In Ship.	Inches. In Ship.	16ths In Ship	Inches required per Rule. Inches. required per Rule.	Inches. required per Rule.	16ths required per Rule.
Distance of Frames or Ribs from moulding edge to moulding edge, all fore and aft						
Floors, Size of Angle Iron, and No. at bottom of Floor Plate						
,, 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						

	Description of Iron.	Inches. In Ship.	16ths. In Ship	Inches. required per Rule.	16ths required per Rule
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					
	Material.				
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 outside 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 ,, _____ / Hawse Timbers ,, _____ are they free from defects?

Bulkheads, N°. _____ Thickness of _____

,, 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 / Waterway ,, ,, planksheer and to the Beams — *Explain by sketch, 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 _____

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IRON435-0319

2698 Tun

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 fay 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.	Fathoms.	Inches.	ANCHORS, and their weights.		No.	Weight. cwts qrs lbs
No.								
	Fore Sails,	Chain Test 65 tons 5 cwts	300	1 7/8	Bower,	Ordinary / Trotman's patent	1	48.1.21
		" Stream 13 Test 12 tons	90	1			2	36.1.21 / 36.1.6
	Fore Top Sails,	Hempen Stream Cable Manilla.	90	9				
One Suit	Fore Topmast Stay Sails,	Hawser	90	7 1/2	Stream,	Ditto	1	9.0.4
	Main Sails,	Towlines	180	6				
of	Main Top Sails,	Warp	120	4	Kedge,	Ditto	2	6.0.25 / 3.1.2
Sails		All of Good quality.						

and Spare Sails

Her ~~Standing~~ rigging is Wire and Running Rigging Hemp sufficient in size and Good in quality.

She has Six ~~Long~~ Boat ~~and~~ _____

The present state of the Windlass with patent purchase is Good Capstan & Winches Good and Rudder Good Pumps Five lead. Good

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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 _____

Remarks. It is reported by the Builder, that it is the intention of the Owners to place on board larger Anchors, Chains, &c., in exchange for those supplied her, when arriving at Liverpool.

L. J. Woolds.

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 25th February 1862

Character assigned 12 E 1

Committee's proceedings for Mr Burton 3/6/62

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