

IRON SHIPS.

Last Visit March 1863

No. _____ Survey held at Northfleet Date 22 Jan^y 1862 to _____ 1863
 in the Paddle Wheel Steamer Anglia Master Prowse
 Tonnage Gross 2949¹⁷ Engine Room 1290²⁹ Register 1658²⁹ Built at Hull
 When Built 1861 By whom built Miss Samuelson & Owners Atlantic Royal Mail Steam Comp^y
 Port belonging to London Destined Voyage between Galway & North America
 If Surveyed Afloat or in Dry Dock In Dry Dock at Northfleet

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 }															
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															
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? _____

3130. 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.
1	See an Sailsail						
2	Fore Sails, (one & aft)	Chain	300	2	Bower, A	3	55-1 44-1 40-1
1	Fore Top Sails,	Hempen Stream Cable	90	14			
1	Fore Topmast Stay Sails,	Hawser	90	13	Stream,	1	12-1
2	Main Sails, (one & aft)	Towlines	90	9			
	Main Top Sails,	Warp	90	8	Kedge,	1	12-1
and 2	jibs & two topsails	All of <u>good</u> quality.	90	5			

Her Standing and Running Rigging is sufficient in size and good in quality.

She has four Long Boat and four other Boats

The present state of the Windlass is Anchor in good and Rudder good Pumps are all in good order

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 _____ 18 _____

Character assigned _____



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