

IRON SHIPS.

Rec 16/10/60

No. 4220 Survey held at Greenock Date 15th October 1860
 on the Ship "Jane Porter" Master _____
 Tonnage Gross _____ Engine Room _____ Register _____ Built at Belfast
 When Built 1860 By whom built _____ Owners _____
 Launched _____
 Port belonging to _____ Destined Voyage _____
 If Surveyed Afloat or in Dry Dock Victoria Harbour afloat

Length aloft	Fect.	Inches.	Extreme Breadth	Fect.	Inches.	Depth from top of Upper Deck Beam to top of Floor	Fect.	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.					Inches. In Ship.	16ths. In Ship.	Inches. required per Rule.	16ths. required per Rule.
Floors, Size of Angle Iron, and No. at bottom of Floor Plate	Inches. In Ship.	Inches. In Ship.	16ths. In Ship.	Inches. required per Rule.	Inches. required per Rule.	16ths. required per Rule.	Stem, if bar iron, moulding and thickness					
,, depth and thickness of Floor Plate at mid line							,, if plate iron, breadth and thickness					
,, depth and thickness of Floor Plate at Bilge Keelson							Stern-post, if bar iron, moulding and thickness					
,, Size of Reversed Angle Iron, and No. at top of Floor Plate							,, if plate iron, breadth and thickness					
Frames, Size of Angle Iron, single or double							Keel, if bar iron, depth and thickness					
,, Reversed Iron, if to every frame or every frame							,, if plate iron, breadth and thickness					
Beams, Deck (N ^o .) double Angle Iron or Bulb Iron with double Angle Iron on top							Garboard Plates, thickness..					
,, depth & thickness of plate amidships							From Garboard to upper part of Bilge					
,, double or single Angle Iron, on lower edge							From upper part of Bilge to Sheerstrakes					
,, average space between							Sheerstrakes					
,, if wood (N ^o .) sided & moulded							Breadth & thickness of Butt Straps to outside plating					
Hold, or Lower Deck (N ^o .) double Angle Iron or Bulb Iron with double Angle Iron on top							Planksheers					
,, depth & thickness of plate amidships							Gunwale Plate or Stringer on ends of Up. Dk Beams					
,, double or single Angle Iron, on lower edge							Angle Iron on ditto					
,, average space between							Waterway					
,, if wood (N ^o .) sided & moulded							Deck					
Paddle, wood, sided and moulded or if Iron, size of Plate							Ceiling in Hold					
Engine							Ceiling betwixt Decks					
Keelson, wood, sided & moulded, iron, size of plate, if Box, give sketch & dimensions							Beam Clamps					
,, Side or Bilge							,, Shelf					
,, Number							,, Stringer Plates on ends of Hold or Lower Dk Beams					
Transoms, material _____ or, if none, in what manner compensated for.							Ceiling between Decks					
Knight-heads _____							Stringer or Tie Plates outside Hatchways					
Hawse Timbers _____							Deck Beam Clamps					
Bulkheads, N ^o . _____ Thickness of _____							,, Shelf					
are they free from defects? _____							Stringers in Hold					
how secured to the sides of the ship _____							Deck, Lower					
size of vertical angle iron and their distance apart _____							Deck, Upper, how fastened to Beams					

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? _____

2260 Iron

Workmanship. Are the lands or laps of the clenwork 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.
<u>Two</u>	Fore Sails,	Chain	<u>300</u> <u>1 1/2</u>	Bower,	<u>3</u> <u>20. 3. 5</u>
		" <u>Stream</u>	<u>90</u> <u>1</u>		<u>28. 0. 7</u>
<u>Two</u>	Fore Top Sails,	Hempen Stream Cable	<u>90</u> <u>9</u>	Stream,	<u>1</u> <u>9. 1. 3</u>
		Hawser	<u>90</u> <u>5 1/2</u>		
<u>One</u>	Main Sails,	Towlines	<u>90</u> <u>4 1/2</u>	Kedge,	<u>2</u> <u>4. 2. 0</u>
<u>Two</u>	Main Top Sails,	Warp	<u>90</u> <u>3</u>		<u>2. 3. 13</u>
	and <u>sufficient number of others</u>	All of <u>Good</u> quality.			

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

She has one Long Boat and three others

The present state of the Windlass is Good with patent purchase Capstan Good and Rudder Good Pumps six Cast-iron Head

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 October 1860

Character assigned 12 A 1

