

# IRON SHIPS.

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

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.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
Floors, Size of Angle Iron, and No. at } bottom of Floor Plate..... }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ depth and thickness of Floor Plate at } mid line ..... }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ depth and thickness of Floor Plate at } Bilge Keelson ..... }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ Size of Reversed Angle Iron, and } No. at top of Floor Plate.. }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
Frames, Size of Angle Iron, single or double.. }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ „ Reversed Iron, if to every frame } or every frame..... }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
Beams, Deck (N°. ) double Angle Iron } or Bulb Iron with double Angle }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ „ Iron on top ..... }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ „ depth & thickness of plate amidships }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ „ double or single Angle Iron, } on lower edge ..... }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ „ average space between ..... }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ „ if wood (N°. ) sided & moulded }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ Hold, or Lower Deck (N°. ) } double Angle Iron or Bulb Iron }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ „ with double Angle Iron on top }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ „ depth & thickness of plate amidships }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ „ double or single Angle Iron, } on lower edge ..... }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ „ average space between ..... }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ „ if wood (N°. ) sided & moulded }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ Paddle, wood, sided and moulded }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ or if Iron, size of Plate ..... }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ Engine „ „ „ „ „ „ }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
Keelson, wood, sided & moulded, iron, size of }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ plate, if Box, give sketch & dimensions }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ Side or Bilge ..... }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
„ Number ..... }	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.

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

IRON434-0362

Lloyd's Register  
Foundation



2260 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 <sup>o</sup> .			Fathoms. Inches.	N <sup>o</sup> .	Weight.
<u>Two</u>	Fore Sails,	Chain .....	<u>300</u> <u>1 1/2</u>	<u>3</u>	<u>20. 8. 5</u>
<u>Two</u>	Fore Top Sails,	" <u>Stream</u> .....	<u>90</u> <u>1</u>	<u>1</u>	<u>20. 0. 7</u>
<u>Two</u>	Fore Topmast Stay Sails,	Hempen Stream Cable .....	<u>90</u> <u>9</u>	<u>1</u>	<u>29. 0. 14</u>
<u>One</u>	Main Sails,	Hawser .....	<u>90</u> <u>5 1/2</u>	<u>1</u>	<u>9. 1. 3</u>
<u>Two</u>	Main Top Sails,	Towlines .....	<u>90</u> <u>4 1/2</u>	<u>2</u>	<u>4. 2. 0</u>
	and <u>sufficient number of others</u>	Warp .....	<u>90</u> <u>3</u>	<u>2</u>	<u>2. 3. 13</u>
		All of <u>Good</u> quality.			

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

She has one Long Boat and three others  
The present state of the Windlass is Good Capstan Good and Rudder Good Pumps six fastened to 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 16<sup>th</sup> October 1860

Character assigned 12 A 1