

IRON SHIPS.

No. 1541 Survey held at Belfast Date 11th July Rec. 16/7/57
 the Ship "Parsee Merchant" for the Master 1857

Tonnage Gross Engine Room Register 605 24 Built at Belfast

When Built 11th July 57 By whom built Robert Jackson & Co Owners Edward Bates

Port belonging to Liverpool Destined Voyage

Surveyed Afloat or in Dry Dock While Building

Length aloft	Feet.	Inches.	Extreme Breadth	Feet.	Inches.	Depth from top of Upper Deck	Feet.	Inches.	Beam to top of Floor	Feet.	Inches.	Power of Engines	Horse No.
.....	175	7/10	29	5/10			17	11					
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.		Inches required per Rule.				
	16		16				7	2 3/4	7	2 3/4			
Floors, Size of Angle Iron, and No. <i>single</i> at bottom of Floor Plate.....	Inches in Ship.	Inches in Ship.	16ths required per Rule.	Inches in Ship.	Inches in Ship.	16ths required per Rule.							
	4	3	7/16	4	3	7/16							
„ depth and thickness of Floor Plate at mid line	18		8/16	18		8/16							
„ depth and thickness of Floor Plate at Bilge Keelson	5		8/16										
„ Size of Reversed Angle Iron, and No <i>single</i> at top of Floor Plate..	3	2 1/2	4/16	3	2 1/2	4/16							
Frames, Size of Angle Iron, single or double..	4	3	7/16	4	3	7/16							
„ „ Reversed Iron, if to every frame or every frame.....	<i>alternately from centre to top of Bilge and to gunwale</i>												
Beams, Deck (N ^o . 52) <i>double Angle Iron</i> or Bulb Iron with double Angle Iron on top													
„ „ depth & thickness of plate amidships	7 3/8		8/16	7 3/8		8/16							
„ „ double or single Angle <i>Iron</i> , on lower edge													
„ „ average space between	2 ft	7 1/2		2 ft	7 1/2								
„ „ if wood (N ^o .) sided & moulded													
„ Hold, or Lower Deck (N ^o . 31) double Angle Iron or Bulb Iron with double Angle Iron on top	7 3/8		8/16	7 3/8		8/16							
„ „ depth & thickness of plate amidships	7 3/8		8/16	7 3/8		8/16							
„ „ double or single Angle <i>Iron</i> , on lower edge													
„ „ average space between	4 ft			4 ft									
„ „ if wood (N ^o . -) 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	<i>4 1/2 in plate</i>												
	<i>4 x 4 angle iron</i>												
„ Side or Bilge	<i>2 Rows of 4 x 4 angle iron</i>												
„ Number	<i>none</i>												
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..							Description of Iron.						
From Garboard to upper part of Bilge.....							<i>Stafford</i>	1/16		1/16			
From upper part of Bilge to Sheerstrakes.....							<i>d^o</i>	9/16		9/16			
Sheerstrakes								12 8/16		9/16			
Breadth & thickness of Butt Straps to outside plating								7 1/2 and 8 in and sum thickness at plates					
Planksheers							Material						
Gunwale Plate or Stringer on ends of Up. Dk Beams							<i>Iron</i>	4	4 angle iron				
Angle Iron on ditto.....								16	8/16	16	8/16		
Waterway								4	4 and 3 x 3				
Deck.....							<i>Yellow pine</i>	16	8/16	16	8/16		
Ceiling in Hold							<i>Red Pine</i>	3 1/2		3 1/2			
Ceiling betwixt Decks							<i>Yellow Pine</i>	2 1/2		2 1/2			
Beam Clamps							<i>none</i>	2 1/4					
„ Shelf							<i>none</i>						
„ Stringer Plates on ends of Hold or Lower Dk Beams								16	8/16	16	8/16		
Ceiling between Decks							<i>Yellow pine</i>	2 1/4					
Stringer or Tie Plates outside Hatchways								10	8/16	10	8/16		
Deck Beam Clamps							<i>none</i>						
„ „ Shelf													
Stringers in Hold													
Deck, Lower							<i>Yellow Pine</i>	4 x 4 angle iron back to back					
Deck, Upper, how fastened to Beams								2 in after Hold					

Transoms, material Iron or, if none, in what manner compensated for. Plates secured to frame & stern post with angle bars
 Knight-heads „ as per Bulk head Bulkheads, N^o. 2 Thickness of 1/2
 Hawse Timbers „ are they free from defects? „ how secured to the sides of the ship between a double frame
 „ size of vertical angle iron and their distance apart 2 1/2 ft 3 x 2 1/2 x 1/2

The Frames or Ribs extend in one length from Keel to gunwale rivetted through plates with (3/4 in.) rivets, about (5 x 6) apart.

The reverse angle irons on the floors extend in one length across the middle line from 4 ft on one side to alternately the top of Bilge & to gunwale
 „ „ „ on the frames „ „ „ from do to do

Keelson, how are the various lengths of plates or angle irons connected? with strips 8 in broad & double rivetted

Plates, Garboard, double or single rivetted to keel & at upper edge, with rivets (1/8 ins.) diameter averaging (2 1/2 in.) from centre to centre of rivet.

„ Edges from Garboards to upper part of bilge, worked carvel with a lining piece (9/16 in.) thick, or clencher, double or single rivetted; rivets (3/4 in.) diameter, averaging (2 1/4 ins.) from centre to centre of rivets.

„ Butts from Keel to turn of bilge, worked carvel with a lining piece (9/16) thick, double or single rivetted; rivets (3/4 in.) diameter, averaging (2 1/4 ins.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? alternately

„ Edges from bilge to planksheer, worked carvel with a lining piece (8/16) thick, double or single rivetted; rivets (3/4 in.) diameter, averaging (2 1/4 in.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? alternately

„ Butts from bilge to planksheers, worked carvel with a lining piece (8/16) thick, or clencher, double or single rivetted; rivets (3/4 in.) diameter averaging (2 1/4 ins.) from centre to centre of rivets. Breadth of laps in double rivetting (4 1/2) Breadth of laps in single rivetting (2 1/2)

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

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

Side trussing None breadth and thickness of plates how secured?

Deck trussing Main deck none „ „ „ ?

Deck Beams, how secured to the side? With knee plates welded to ends of Beams 18 in and rivetted to frame

Hold or Lower Deck „ Beams secured the same with knee plates, with diagonal trussing to fore

Paddle „ „ and main mast and to stanchion plates 10 in x 1/2 in

No. of breasthooks 4 crutches 4 how are pointers compensated? by plate iron rivetted to frames

What description of iron is used for the angle iron and plate iron in the vessel? Builder's Signature Robert Jackson & Co

1413 *Shen*
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? *Yes*

Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? *Yes*

Do the fillings between the ribs and plates fill in solid with single pieces, or are they in short lengths of various thicknesses? *in one length*

Do the holes for rivetting plate to frames, lining pieces, or plate to plate, &c., conform well to each other? *Yes* and are the rivet holes well and sufficiently countersunk in the outer plate? *Yes*

Are there any rivets which either break into or have been put through the seams or butts of the plating? *none through the laps but a few and one through the Butts*

Her Masts, Yards, &c., are in _____ 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			Bower,
	Fore Top Sails,	Hempen Stream Cable			
	Fore Topmast Stay Sails,	Hawser			Stream,
	Main Sails,	Towlines			
	Main Top Sails,	Warp			Kedge,
and		All of _____ quality.			

Her Standing and Running Rigging _____ sufficient in size and _____ in quality.

She has _____ Long Boat and _____

The present state of the Windlass is _____ Capstan *Very good* and Rudder *Good* Pumps *4 Cast Metal 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 _____
} *While Building*

This Vessel has two watertight Bulkheads. the fore Bulkhead extending from keel to main deck. the after Bulkhead, from keel to raised quarter deck, distance from stem post. to after Bulkhead 52 feet do from after B^h to fore B^h 64 feet. do from fore B^h to stem 53 feet.

In what manner are the surfaces preserved from oxidation? *By 4 Coats of best Metallic paint outside and 3 Coats of the same inside.*

I am of opinion this Vessel should be classed *12 & 14*

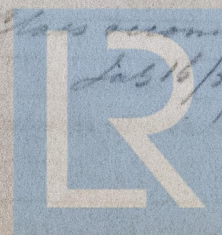
The amount of the Fee£ 5 : - : - is received by me, *Wm. Strickland*

July 17 Special£ 15 : 2 : 6

Certificate (X required)£ : :

Committee's Minute *17th July 1857*

Character assigned *12 for 12 Years*



© 2019
Lloyd's Register
Foundation