

IRON SHIPS.

No. 1303 Survey held at Belfast Date 23/10/84 1854
 on the Iron Ship Mary Henderson Master Joseph Hopkinson
 Tonnage—Gross 128 1/4 Engine Room Register Built at Belfast
 When Built 14/1/84 By whom built P. Hickson & Co Owners Edward Bates
 Port belonging to Liverpool Destined Voyage
 If Surveyed Afloat or in Dry Dock While building

Length aloft	Feet.	Inches.	Extreme Breadth	Feet.	Inches.	Depth from Beam to top of Floor	Feet.	Inches.	Power of Engines	Horse. No.
Length aloft	212	8/10	Extreme Breadth	36	6/10	Depth from Beam to top of Floor	22	7/10		
Distance between Floors amidships	1	6				Stem, $\frac{1}{2}$ bar iron, moulding and thickness	12	2 3/4		
" " " forward and aft	1	6				" if plate iron, breadth and thickness				
" " " Ribs amidships	1	6				Stern-post, if bar iron, moulding and thickness	9	3	at bottom	
" " " forward and aft	1	6				" if plate iron, breadth and thickness	7	3	at head	
Floors, Size of Angle Iron, and No. at bottom of Floor Plate	5	3				Keel, $\frac{1}{2}$ bar iron, depth and thickness	11	2 3/4		
" depth & thickness of Plate at mid line	24					" if plate iron, breadth and thickness				
" " " " " at turn of bilge	5					Garboard Plates, thickness				
" Size of Reversed Angle Iron, and No. at top of Floor Plate	5	3				" to bilge				
Ribs, Size of Angle Iron, single or double	5	3				Bilge				
" " Reversed Iron, if to every frame or every frame	10					" to Wales				
Beams, Deck (N°) double or single	3	3				Wales				
" Angle Iron	3	3				Topsides				
" " depth & thickness of Plate amidships	9					Sheer-strakes				
" " double or single Angle Iron, on lower edge	Patent Bulb					Planksheers				
" " average space between	3 feet					Gunwale Plate or Stringer	2 feet			
" " if wood (N°) sided & moulded						Waterway				
" Hold, (N°) double or single	5	3				Deck	4			
" Angle Iron	5	3				Ceiling in flat	2 1/2			
" " depth & thickness of Plate amidships	12	1/2				Bilge Planks inside				
" " double or single Angle Iron, on lower edge	5	3				Ceiling from Bilge to Clamps				
" " average space between	6 feet					Hold Beam Clamps				
" " if wood (N°) sided & moulded						" " Shelf				
" Paddle, wood, sided and moulded or if Iron, size of Plate						" " Stringers	2 feet			
" Engine						Ceiling between Decks				
Keelson, wood, sided & moulded, iron, size of plate, if Box, give sketch & dimensions	24					Stringers				
" Side or Bilge						Deck Beam Clamps				
" Number						" " Shelf				
Transoms, material or, if none, in what manner compensated for						Stringers in Hold				
Knight-heads						Deck, Lower				
Hawse Timbers										
The Ribs extend in one length from	gunwale									
The reverse angle irons on the floors extend in one length across the middle line from	keelson									
" " " on the ribs	gunwale									
Keelson, if wood, length of scarp										
Plates, Garboard, double or single rivetted to keel, with rivets (1/8 ins.) diameter averaging (3 in.) from centre to centre of rivet.										
" edges from Garboards to turn of bilge, worked carvel with a lining piece (1/2 in.) thick, or clencher, double or single rivetted; rivets (1/8 in.) diameter, averaging (2 1/2 ins.) from centre to centre of rivets.										
" butts from Garboards to turn of bilge, worked carvel with a lining piece () thick, double or single rivetted; rivets (in.) diameter, averaging (2 1/2 ins.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? alternate one do										
" edges from bilge to wales, worked carvel with a lining piece () thick, or clencher, double or single rivetted; rivets (in.) diameter, averaging (2 1/2 ins.) from centre to centre of rivets.										
" butts from bilge to wales, 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?										
" edges of wales and to planksheers, worked carvel with a lining piece () thick, or clencher, double or single rivetted; rivets (1/8 in.) diameter, averaging (2 1/2 ins.) from centre to centre of rivets.										
Planksheer, how secured to the plating of the sides										
Waterway " " planksheer and to the beams										
Side trussing breadth and thickness of plates										
Deck trussing										
Deck Beams, how secured to the side										
Hold " "										
Paddle " "										
No. of breasthooks crutches	3									
What description of iron is used for the angle iron and bar iron in the vessel?										

Her Masts, Yards, &c., are in _____ condition, and sufficient in size and length.

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

She has _____ Long Boat and _____

The present state of the Windlass is Good Capstan 4 in Good and Rudder Good Pumps For Cast Metal

GENERAL REMARKS.

Statement and date of repairs; extent of corrosion (if any) both internally and externally; and condition of rivets.

Laid on in November 1853 and launched 14th Sept^r 1854. Specially surveyed while building in accordance with Secretary's Instructions dated 19th November 1853.

In what manner are the surfaces preserved from oxidation? *Inside with five coats of Red lead, outside from load line upwards with four coats Red lead and one of black, bottom with three coats Red lead, and two Keasick's Patent Composition*
I am of opinion this Vessel should be Classed

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The Amount of the Fee.....£ 5 : - : - is received by me, *Mr. Linton*

Special£ 32. 4 : 6 Paid at L^{pool}

Certificate (if required)£ — : :

Committee's Minute 19th December 1854

Character assigned

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Foundation