

IRON SHIP.

Leith 5344

THURS NOV 11

No. Survey held at Date, First Survey Last Survey 18

On the Iron Screw Steamer **PRIOR** Classed in the late Underwriters' Registry **A1*1**

TONNAGE under } 1629.26
 Tonnage Deck }
 Ditto of Third, Spar, }
 or Awning Deck. }
 Ditto of Poop, or }
 Raised Qr. Dk. }
 Ditto of Houses } 18.63
 on Deck }
 Ditto of Forecastle }
 Gross Tonnage 1647.89
 Less Crew Space 48.18 }
 575.48
 Engine Room 527.30
 Register Tonnage }
 as cut on Beam } 1072.41

**ONE, OR TWO DECKED, THREE DECKED VESSEL,
 SPAR, OR AWNING-DECKED VESSEL.**

Half Breadth (moulded) Feet. 16.83
 Depth from upper part of Keel to top of Upper Deck Beams 19.54
 Girth of Half Midship Frame (as per Rule) 32.00
 1st Number 68.37
 1st Number, if a 3-Decked Vessel .. deduct 7 feet
 Length 263.5
 2nd Number 18,015.495
 Proportions— Breadths to Length 7.85
 Depths to Length— Upper Deck to Keel 10.02
 Main Deck ditto 13.48

Master **S. Graham**
 Built at **Newcastle**
 When built **1874** Launched **24th Nov.**
 By whom built **Allen Cole Bros**
 Owners **Hugh Blake & Co.**
 Residence **Leith**
 Port belonging to **Leith**
 Destined Voyage
 If Surveyed while Building, Afloat, or in Dry Dock.
Whilst building

Length in deck as per Rule ... 263 6
 Breadth— Moulded ... 33 9
 DEPTH top of Floors to Upper Deck Beams ... 17 6
 Do. do. Main Deck Beams ... 24 9
 Power of Engines ... 160
 Horse.
 N° of Decks with flat laid **Two**
 N° of Tiers of Beams **Three**

	Inches in Ship.		Inches per Rule.		Inches in Ship.		Inches per Rule.	
	In Ship.	In Ship.	In Ship.	In Ship.	In Ship.	In Ship.	In Ship.	In Ship.
KEEL, depth and thickness	9	3	9	2 1/2	9	3	9	2 1/2
PLATE, moulding and thickness	9	3	8 1/2	2 1/2	8 1/2	3	8 1/2	2 1/2
STERN-POST for Rudder do. do.	9	4 1/2	8 1/2	5	8 1/2	3	8 1/2	5
" " for Propeller	9	6	8 1/2	5	8 1/2	3	8 1/2	5
Distance of Frames from moulding edge to moulding edge, all fore and aft	24		24		24		24	
FRAMES, Angle Iron, for 1/2 length amidships	5	3	4 1/2	3	4 1/2	3	4 1/2	3
Do. for 1/4 at each end	3 1/2	3	3	3	3	3	3	3
REVERSED FRAMES, Angle Iron	3 1/2	3	3	3	3	3	3	3
DOORS, depth and thickness of Floor Plate	2 1/2	9/16	2 1	8/16	2 1	8/16	2 1	8/16
at mid line for half length amidships		8/16		7/16		7/16		7/16
thickness at the ends of vessel		8/16		7/16		7/16		7/16
depth at 1/4 the half-bdth. as per Rule		8/16		7/16		7/16		7/16
height extended at the Bilges	4 1/2		4 1/2		4 1/2		4 1/2	
FRAMES, Upper, Spar, or Awning Deck	Built 6 1/2	6/16	Built 6 1/2	6/16	Built 6 1/2	6/16	Built 6 1/2	6/16
single or d'ble Ang. Iron, Plate or Tee Bulb Iron	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4
single or double Angle Iron on Upper edge	4 1/2		4 1/2		4 1/2		4 1/2	
average space	4 1/2		4 1/2		4 1/2		4 1/2	
FRAMES, Main, or Middle Deck	Built 8	8/16	Built 8	8/16	Built 8	8/16	Built 8	8/16
single or d'ble Ang. Iron, Plate or Tee Bulb Iron	3 1/4	3 1/4	3	3	3	3	3	3
single or double Angle Iron, on Upper Edge	4 1/2		4 1/2		4 1/2		4 1/2	
average space	4 1/2		4 1/2		4 1/2		4 1/2	
FRAMES, Lower Deck	Built 8	8/16	Built 8	8/16	Built 8	8/16	Built 8	8/16
single or d'ble Ang. Iron, Plate or Tee Bulb Iron	3 1/4	3 1/4	3	3	3	3	3	3
single or double Angle Iron on Upper Edge	4 1/2		4 1/2		4 1/2		4 1/2	
average space	4 1/2		4 1/2		4 1/2		4 1/2	
FRAMES, Hold, or Orlop	Built 8	8/16	Built 8	8/16	Built 8	8/16	Built 8	8/16
single or d'ble Ang. Iron, Plate or Tee Bulb Iron	3 1/4	3 1/4	3	3	3	3	3	3
single or double Angle Iron on Upper Edge	4 1/2		4 1/2		4 1/2		4 1/2	
average space	4 1/2		4 1/2		4 1/2		4 1/2	
FRAMES, Centre line, single or double plate, box, or Intercostal, Plates	17	12/16	17	12/16	17	12/16	17	12/16
Rider Plate	11 1/4	12/16	10 3/4	12/16	10 3/4	12/16	10 3/4	12/16
Bulb Plate to Intercostal Keelson	5	3 1/2	5	4	5	4	5	4
Angle Irons	5	3 1/2	5	4	5	4	5	4
Double Angle Iron Side Keelson	5	3 1/2	5	4	5	4	5	4
Side Intercostal Plate		9/16		8/16		8/16		8/16
do. Angle Irons	3 1/2	3	3	3	3	3	3	3
Attached to outside plating with angle iron	5	3 1/2	5	4	5	4	5	4
Angle Irons		9/16		8/16		8/16		8/16
do. Bulb Iron		9/16		8/16		8/16		8/16
do. Intercostal plates riveted to plating for length		8/16		8/16		8/16		8/16
FRAMES, STRINGER Angle Irons	5	3 1/2	5	4	5	4	5	4
Intercostal plates riveted to plating for length	Built 8	8/16	Built 8	8/16	Built 8	8/16	Built 8	8/16
between decks	4	4	4	4	4	4	4	4
FRAMES, STRINGER Angle Irons		8/16		8/16		8/16		8/16
Intercostal plates 10 x 9/16 for 78 feet		8/16		8/16		8/16		8/16
FRAMES extend in one length from								
to								
Riveted through plates with								
in. Rivets, about								
apart.								

FRAMES extend in one length from to Riveted through plates with in. Rivets, about apart.

REVERSED ANGLE IRONS on floors and frames extend middle line to **Main Dk. Upper Dk.** and to **Lower Dk. Main Dk.** alternately

FRAMES. Are the various lengths of Plates and Angle Irons properly connected? And butts properly shifted?

FRAMES. Garboard, double riveted to Keel, with rivets in diameter, averaging ins. from centre to centre.

Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets in diameter, averaging ins. from centre to centre.

Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets in diameter averaging ins. from centre to centre.

Butts of 3 3 Strakes at Bilge for 1/2 1/2 length, treble riveted with Butt Straps thicker than the plates they connect.

Edges from Bilge to Main Sheerstrake, worked clencher, double or single riveted; with rivets in diameter, averaging ins. from cr. to cr.

Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets in diameter, averaging ins. from cr. to cr.

Edges of Main Sheerstrake, double or single riveted. Upper Sheerstrake, double or single riveted.

Butts of Main Sheerstrake, treble riveted for 1/2 1/2 length amidships. Butts of Upper or Spar Sheerstrake, treble riveted 1/2 1/2 length amidships.

Butts of Main Stringer Plate, treble riveted for 1/2 1/2 length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for 1/2 1/2 length.

Breadth of laps of plating in double riveting Breadth of laps of plating in single riveting

Butts of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? No. of Breasthooks, Crutches,

Description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.?

Manufacturer's name or trade mark,
 above is a correct description.
 Signature,
 Surveyor's Signature, **Chas. H. ...**
 Surveyor to Lloyd's Register of British and Foreign Shipping.

State clearly where plating is of alternate thicknesses distinguishing from diminished thickness at ends of vessel. * If Iron Deck, state if whole or part, and if wood deck is laid thereon.

