

# IRON SHIP

No. 12756 Survey held at *Sunderland* Date, First Survey *March 15<sup>th</sup>* Last Survey *December 16<sup>th</sup> 1881*  
On the *S.S. "Glan Mourne"* Yard No. *116*

TONNAGE under Tonnage Deck *2033.89*  
Ditto of Upper Deck *11.26*  
Ditto of Lower Deck *71.60*  
Ditto of House on Deck *45.16*  
Ditto of Forecastle *35.36*  
Gross Tonnage *2197.27*  
Less Crew Space *57.23*  
Less Engine Room *703.13*  
Register Tonnage as cut on Beam *1436.91*

ONE, OR TWO DECKED, THREE DECKED VESSEL,  
SPAR, OR AWNING-DECKED VESSEL.  
Half Breadth (moulded) *18.4*  
Depth from upper part of Keel to top of Upper Deck Beams *26.5*  
Girth of Half Midship Frame (as per Rule) *40.85*  
1st Number *85.75*  
1st Number, if a 3-Decked Vessel deduct 7 feet *78.75*  
Length *283.0*  
2nd Number *22,286*  
Proportions— Breadths to Length *7.6*  
Depths to Length— Upper Deck to Keel *10.6*  
Main Deck ditto *14.5*

Master *Cobbitt*  
Built at *Sunderland*  
When built *1881* Launched *Apr 8<sup>th</sup>*  
By whom built *Bartram Haswell & Co.*  
Owners *Cayzer Irvine & Co.*  
Residence *Hope St Glasgow*  
Port belonging to *Glasgow*  
Destined Voyage *Glasgow and*  
Surveyed while Building, Afloat, or in Dry Dock.

LENGTH on deck as per Rule *283* Feet. Inches. BREADTH Moulded *36 10 1/2* Feet. Inches. DEPTH top of Floors to Upper Deck Beams *24 6* Feet. Inches. Power of Engines *300* Horse. N° of Decks with flat laid *Two* N° of Tiers of Beams *Three*

Dimensions of Ship per Register, length, *285.5* breadth, *37.2* depth, *24.4*

	Inches in Ship.	Inches per Rule.	Inches in Ship.	Inches per Rule.	Inches in Ship.	Inches per Rule.
KEEL, depth and thickness	10 x 2 3/4	10 x 2 3/4	10 x 2 3/4	10 x 2 3/4	10 x 2 3/4	10 x 2 3/4
STEM, moulding and thickness	10 x 2 3/4	10 x 2 3/4	10 x 2 3/4	10 x 2 3/4	10 x 2 3/4	10 x 2 3/4
STERN-POST for Rudder do. do.	10 1/2 x 6	10 x 5	10 1/2 x 6	10 x 5	10 1/2 x 6	10 x 5
" " for Propeller	24	24	24	24	24	24
Distance of Frames from moulding edge to moulding edge, all fore and aft	24	24	24	24	24	24
FRAMES, Angle Iron, for 3/4 length amidships	5 3 8	5 3 8	5 3 8	5 3 8	5 3 8	5 3 8
Do. for 1/2 at each end	5 3 7	5 3 7	5 3 7	5 3 7	5 3 7	5 3 7
REVERSED FRAMES, Angle Iron	3 1/2 3 8	3 1/2 3 8	3 1/2 3 8	3 1/2 3 8	3 1/2 3 8	3 1/2 3 8
FLOORS, depth and thickness of Floor Plate at mid line for half length amidships	24 10	24 10	24 10	24 10	24 10	24 10
" thickness at the ends of vessel	8	8	8	8	8	8
" depth at 3/4 the half-bdth. as per Rule	12	12	12	12	12	12
" height extended at the Bilges	12	12	12	12	12	12
BEAMS, Upper, Spar, or Awning Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	6 3 8	6 3 8	6 3 8	6 3 8	6 3 8	6 3 8
Single or double Angle Iron on Upper edge	4 8 8	4 8 8	4 8 8	4 8 8	4 8 8	4 8 8
Average space	on every frame	on every frame	on every frame	on every frame	on every frame	on every frame
BEAMS, Main, or Middle Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	6 3 8	6 3 8	6 3 8	6 3 8	6 3 8	6 3 8
Single or double Angle Iron, on Upper Edge	4 8 8	4 8 8	4 8 8	4 8 8	4 8 8	4 8 8
Average space	on every frame	on every frame	on every frame	on every frame	on every frame	on every frame
BEAMS, Lower Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	6 3 8	6 3 8	6 3 8	6 3 8	6 3 8	6 3 8
Single or double Angle Iron on Upper Edge	4 8 8	4 8 8	4 8 8	4 8 8	4 8 8	4 8 8
Average space	from four to 12 spaces of frames	from four to 12 spaces of frames	from four to 12 spaces of frames	from four to 12 spaces of frames	from four to 12 spaces of frames	from four to 12 spaces of frames
BEAMS, Hold, or Orlop Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	6 3 8	6 3 8	6 3 8	6 3 8	6 3 8	6 3 8
Single or double Angle Iron on Upper Edge	4 8 8	4 8 8	4 8 8	4 8 8	4 8 8	4 8 8
Average space	standing on floor	standing on floor	standing on floor	standing on floor	standing on floor	standing on floor
KEELSONS Centre line, single or double plate, box, or Intercoastal, Plates	19 13	19 13	19 13	19 13	19 13	19 13
" Rider Plate	12 1/4 13	12 1/4 13	12 1/4 13	12 1/4 13	12 1/4 13	12 1/4 13
" Bulb Plate to Intercoastal Keelson	6 4 9	6 4 9	6 4 9	6 4 9	6 4 9	6 4 9
" Angle Irons	6 4 9	6 4 9	6 4 9	6 4 9	6 4 9	6 4 9
" Double Angle Iron Side Keelson	6 4 9	6 4 9	6 4 9	6 4 9	6 4 9	6 4 9
" Side Intercoastal Plate	8 1/2 8	8 1/2 8	8 1/2 8	8 1/2 8	8 1/2 8	8 1/2 8
" do. Angle Irons	8 1/2 8	8 1/2 8	8 1/2 8	8 1/2 8	8 1/2 8	8 1/2 8
" Attached to outside plating with angle iron	3 1/2 3 1/2 8	3 1/2 3 1/2 8	3 1/2 3 1/2 8	3 1/2 3 1/2 8	3 1/2 3 1/2 8	3 1/2 3 1/2 8
BILGE Angle Irons	6 4 9	6 4 9	6 4 9	6 4 9	6 4 9	6 4 9
" do. Bulb Iron	8 1/2 8	8 1/2 8	8 1/2 8	8 1/2 8	8 1/2 8	8 1/2 8
" do. Intercoastal plates riveted to plating for 1/2 length	6 4 9	6 4 9	6 4 9	6 4 9	6 4 9	6 4 9
BILGE STRINGER Angle Irons	6 4 9	6 4 9	6 4 9	6 4 9	6 4 9	6 4 9
Intercoastal plates riveted to plating for half length	9	9	9	9	9	9
SIDE STRINGER Angle Irons	6 4 9	6 4 9	6 4 9	6 4 9	6 4 9	6 4 9

Flat Keel Plates, breadth and thickness	36 12	36 12	36 12	36 12
PLATES in Garboard Strakes, br'dth & thickness	11	11	11	11
" From Garboard to upper part of Bilges	11	11	11	11
" Of d'bling at Bilge, or increased thickness, and length applied	11	11	11	11
" From up. prt of Bilge to hr. edge of Sh'rstrake	40 13	40 13	40 13	40 13
" Main Sheerstrake, breadth and thickness	11	11	11	11
" Of d'bling at Sh'stk. & lng. applied	140 ft	140 ft	140 ft	140 ft
" From M'n. to Up. or Spar Dk. Sh'rstrake	Shake below Sheerstrake	Shake below Sheerstrake	Shake below Sheerstrake	Shake below Sheerstrake
" Up. or Spar Dk. Sh'rstrake, br'dth & thickness	9 1/4 16 1/4 9 1/4 16 1/4 9 1/4 16 1/4	9 1/4 16 1/4 9 1/4 16 1/4 9 1/4 16 1/4	9 1/4 16 1/4 9 1/4 16 1/4 9 1/4 16 1/4	9 1/4 16 1/4 9 1/4 16 1/4 9 1/4 16 1/4
Butt Straps to outside plating, breadth & thickness	Five spaces of frames	Five spaces of frames	Five spaces of frames	Five spaces of frames
Lengths of Plating	Two and three	Two and three	Two and three	Two and three
Shifts of Plating, and Stringers	Do	Do	Do	Do
Gunwale Plate on ends of Awning, Spar, or Upper Deck Beams, breadth and thickness	40 1/2 9	40 1/2 9	40 1/2 9	40 1/2 9
Angle Iron on ditto	4.4.9	4.4.9	4.4.9	4.4.9
Tie Plates fore and aft, outside Hatchways	Iron Deck	Iron Deck	Iron Deck	Iron Deck
Diagonal Tie Plates on Beams No. of Pairs	6.5	6.5	6.5	6.5
Flat of Up., Spar, or Awning Dk. Iron plates	6.5	6.5	6.5	6.5
How fastened to Beams	Rivets	Rivets	Rivets	Rivets
Stringer Plate on ends of Main or Middle Deck	40 1/2 10	40 1/2 10	40 1/2 10	40 1/2 10
Beams, breadth and thickness	40 1/2 10	40 1/2 10	40 1/2 10	40 1/2 10
Is the Stringer Plate attached to the outside plating?	Yes	Yes	Yes	Yes
Angle Irons on ditto, No.	Two	Two	Two	Two
Tie Plates, outside Hatchways	4.4.9	4.4.9	4.4.9	4.4.9
Diagonal Tie Plates on Beams, No. of pairs	6.5	6.5	6.5	6.5
Flat of Middle Deck do. do. Iron plates	6.5	6.5	6.5	6.5
How fastened to Beams	Rivets	Rivets	Rivets	Rivets
Stringer Plates on ends of Lower Deck, Hold or Orlop Beams	35 10 38 9	35 10 38 9	35 10 38 9	35 10 38 9
Is the Stringer Plate attached to the outside plating?	Yes	Yes	Yes	Yes
Angle Irons on ditto, No.	Four	Four	Four	Four
Stringer or Tie Plates, outside Hatchways	4.4.9	4.4.9	4.4.9	4.4.9
Flat of Lower Deck	4.3 1/2 7 4 3 1/2 7	4.3 1/2 7 4 3 1/2 7	4.3 1/2 7 4 3 1/2 7	4.3 1/2 7 4 3 1/2 7
Ceiling betwixt Decks, thickness and material	1 3/4 R.P. plating	1 3/4 R.P. plating	1 3/4 R.P. plating	1 3/4 R.P. plating
" in hold do. do.	2 1/2 Solid	2 1/2 Solid	2 1/2 Solid	2 1/2 Solid
Main piece of Rudder, diameter at head	7 1/2	7 1/2	7 1/2	7 1/2
" do. at heel	3 3/4	3 3/4	3 3/4	3 3/4
Can the Rudder be unshipped afloat?	Yes	Yes	Yes	Yes
Bulkheads No.	6	6	6	6
No. per Rule	4	4	4	4
" Thickness of	7.6 also 4.6	7.6 also 4.6	7.6 also 4.6	7.6 also 4.6
" Height up to 1/2 Dk. 2 to Main Dk. after Iron plating	2 to 16 ft	2 to 16 ft	2 to 16 ft	2 to 16 ft
" How secured to sides of ship	between double frs	between double frs	between double frs	between double frs
" Size of Vertical Angle Irons	3 1/2 3 8 1/2 and distance apart 30 ins.	3 1/2 3 8 1/2 and distance apart 30 ins.	3 1/2 3 8 1/2 and distance apart 30 ins.	3 1/2 3 8 1/2 and distance apart 30 ins.
" Are the outside Plates doubled two spaces of Frames in length?	Yes	Yes	Yes	Yes

The FRAMES extend in one length from *Keel* to *Gunwale* Riveted through plates with *7/8* in. Rivets, about *7* apart.  
The REVERSED ANGLE IRONS on floors and frames extend *from middle line to above M.D. St angle and to gunwale* alternately  
KEELSONS. Are the various lengths of Plates and Angle Irons properly connected? *Yes* And butts properly shifted? *Yes*  
PLATING. Garboard, double riveted to Keel, with rivets *1/8* in. diameter, averaging *5 1/2* ins. from centre to centre.

" Edges of Garboards and to upper part of Bilge, worked clench, double riveted; with rivets *7/8* in. diameter, averaging *3 3/8* full ins. from centre to centre.  
" Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets *7/8* in. diameter averaging *3 3/8* full ins. from centre to centre.  
" Butts of *three* Strakes at Bilge for *half* length, treble riveted with Butt Straps *1/16* thicker than the plates they connect.  
" Edges from Bilge to Main Sheerstrake, worked clench, double or single riveted; with rivets *7/8* in. diameter, averaging *3 3/8* full ins. from cr. to cr.  
" Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets *7/8* in. diameter, averaging *3 3/8* full 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 *half* length amidships. Butts of Upper or Spar Sheerstrake, treble riveted *length* amidships.  
" Butts of Main Stringer Plate, treble riveted for *half* length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for *half* length.  
" Breadth of laps of plating in double riveting *5 1/4* ins Breadth of laps of plating in single riveting *Nil*

Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted *Double & Treble* No. of Breasthooks, *Six* Crutches, *four*

What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? *Plates* *Stockton malleable* *Consolidated*

Manufacturer's name or trade mark, *Angles and Bulbs* *Haycock and Co*

The above is a correct description.

Builder's Signature, *for Bartram Haswell & Co* Surveyor's Signature, *Joseph Keen*

Surveyor to Lloyd's Register of British and Foreign Shipping.

State clearly where plating is of alternate thickness—as distinguished from diminished thickness at ends of vessel.

\* If Iron Deck, state if whole or part, and if wood deck is laid thereon.

SLD941-0033



+ Lloyd's Mel TBWA 3 Bunch 2 Skis 1000s 170 g Buns 24/12/81