

IRON SHIP. 17525

Survey held at Glasgow Date, First Survey 3rd April Last Survey 25th Dec 1876
 on the S. "Trots Trinnse" Master S. D. Shand

| | | | |
|--------------------------------------|---------|--|--|
| Tonnage under Tonnage Deck | 1322.06 | ONE, OR TWO DECKED, THREE DECKED VESSEL. | Built at <u>Glasgow</u> |
| Ditto of Third, Spar, or Awning Deck | — | SPAR, OR AWNING DECKED VESSEL. | When built <u>1876</u> Launched <u>5th Dec 1876</u> |
| Ditto of Poop, or Raised Or. Deck | 58.33 | HALF BREADTH (moulded) | By whom built <u>S. G. Thomson</u> |
| Ditto of Houses on Deck | 25.26 | DEPTH from upper part of Keel to top of Upper Deck Beams | Owners <u>J. & R. Wilson</u> |
| f Forecastle | 62.03 | GIRTH of Half Midship Frame (as per Rule) | of <u>Glasgow</u> |
| Tonnage | 1467.68 | 1st NUMBER | Port belonging to <u>Glasgow</u> |
| Less Crew Space | 86.28 | 1st NUMBER, if a THREE-DECKED VESSEL | Destined Voyage <u>Glasgow to Melbourne</u> |
| Less Engine Room | — | LENGTH | and |
| Register Tonnage as on Beam | 1381.40 | 2nd NUMBER | <u>1/2</u> Surveyed while Building, Afloat, or in Dry Dock. |
| | | PROPORTIONS—Breadths to Length | |
| | | Depths to Length—Upper Deck to Keel | |
| | | Main Deck ditto | |

| | | | | | | | | | |
|----------------------------|-------|-----------------|----|---|--------|------------------|---|--|-------|
| LENGTH on deck as per Rule | 224 6 | BREADTH—Moulded | 37 | DEPTH top of Floors to Upper Deck Beams | 22 5/2 | Power of Engines | — | N ^o . of Decks with flat laid Stews | — |
| | | | | Do. do. Main Deck Beams | | | | N ^o . of Tiers of Beams | Stews |

Dimensions of Ship per Register, length, 234.7 breadth, 37.2 depth, 22.3

| | Inches in Ship. | | | Per Section & Inches per Rule. | | | Flat Keel Plates, breadth and thickness | Inches. In Ship. | 16ths. In Ship. | Per Section & Inches per Rule. | 16ths. per Rule. |
|---|------------------|------------------|-----------------|--------------------------------|------------------|-----------------|---|------------------|-----------------|--------------------------------|------------------|
| | Inches. In Ship. | Inches. In Ship. | 16ths. In Ship. | Inches. In Ship. | Inches. In Ship. | 16ths. In Ship. | | | | | |
| KEEL, depth and thickness | 9 x 2 1/2 | 9 x 2 1/2 | 9 x 2 1/2 | 9 x 2 1/2 | 9 x 2 1/2 | 9 x 2 1/2 | — | — | — | — | — |
| STEM, moulding and thickness | 5 1/2 x 2 1/2 | 5 1/2 x 2 1/2 | 5 1/2 x 2 1/2 | 5 1/2 x 2 1/2 | 5 1/2 x 2 1/2 | 5 1/2 x 2 1/2 | — | 10-11 | — | 10-11 | — |
| STERN-POST for Rudder do. do. | 8 1/2 x 2 1/2 | 8 1/2 x 2 1/2 | 8 1/2 x 2 1/2 | 8 1/2 x 2 1/2 | 8 1/2 x 2 1/2 | 8 1/2 x 2 1/2 | — | — | 11 | — | 11 |
| Distance of Frames from moulding edge to moulding edge, all fore and aft | 24 | 24 | 24 | 24 | 24 | 24 | — | 10 | — | 10 | — |
| FRAMES, Angle Iron, for 2/3 length amidships | 5 3/4 x 8 | 5 3/4 x 8 | 5 3/4 x 8 | 5 3/4 x 8 | 5 3/4 x 8 | 5 3/4 x 8 | — | — | — | — | — |
| Do. for 1/3 at each end | 5 3/4 x 7 | 5 3/4 x 7 | 5 3/4 x 7 | 5 3/4 x 7 | 5 3/4 x 7 | 5 3/4 x 7 | — | — | — | — | — |
| REVERSED FRAMES, Angle Iron | 3 1/2 x 3 1/2 | 3 1/2 x 3 1/2 | 3 1/2 x 3 1/2 | 3 1/2 x 3 1/2 | 3 1/2 x 3 1/2 | 3 1/2 x 3 1/2 | — | — | — | — | — |
| COORS, depth and thickness of Floor Plate at mid line for half length amidships | 2 1/2 x 10 | 2 1/2 x 10 | 2 1/2 x 10 | 2 1/2 x 10 | 2 1/2 x 10 | 2 1/2 x 10 | — | — | — | — | — |
| thickness at the ends of vessel | — | 9-8 | — | — | 9-8 | — | — | — | — | — | — |
| depth at 2/3 the half-bdth. as per Rule | 12 1/4 | — | — | 12 1/4 | — | — | — | — | — | — | — |
| height extended at the Bilges | — | — | — | — | — | — | — | — | — | — | — |
| BEAMS, Upper, Spar, or Awning Deck | — | — | — | — | — | — | — | — | — | — | — |
| Single or double Ang. Iron, Plate or Tee Bulb Iron | — | — | — | — | — | — | — | — | — | — | — |
| Single or double Angle Iron on Upper edge | — | — | — | — | — | — | — | — | — | — | — |
| Average space | — | — | — | — | — | — | — | — | — | — | — |
| BEAMS, Main, or Middle Deck | — | — | — | — | — | — | — | — | — | — | — |
| Single or double Ang. Iron, Plate or Tee Bulb Iron | 9 x 9 | 9 x 9 | 9 x 9 | 9 x 9 | 9 x 9 | 9 x 9 | — | — | — | — | — |
| Single or double Angle Iron on Upper Edge | 3 1/2 x 3 | 3 1/2 x 3 | 3 1/2 x 3 | 3 1/2 x 3 | 3 1/2 x 3 | 3 1/2 x 3 | — | — | — | — | — |
| Average space | 48 | — | — | 48 | — | — | — | — | — | — | — |
| BEAMS, Lower Deck, Hold, or Orlop | — | — | — | — | — | — | — | — | — | — | — |
| Single or double Ang. Iron, Plate or Tee Bulb Iron | 9 x 9 | 9 x 9 | 9 x 9 | 9 x 9 | 9 x 9 | 9 x 9 | — | — | — | — | — |
| Single or double Angle Iron on Upper Edge | 3 1/2 x 3 | 3 1/2 x 3 | 3 1/2 x 3 | 3 1/2 x 3 | 3 1/2 x 3 | 3 1/2 x 3 | — | — | — | — | — |
| Average space | 48 | — | — | 48 | — | — | — | — | — | — | — |
| KEELSONS Centre line, single or double plate, box, or Intercostal, Plates | 17 x 12 | 17 x 12 | 17 x 12 | 17 x 12 | 17 x 12 | 17 x 12 | — | — | — | — | — |
| " Rider Plate | 11 x 12 | 11 x 12 | 11 x 12 | 11 x 12 | 11 x 12 | 11 x 12 | — | — | — | — | — |
| " Bulb Plate to Intercostal Keelson | — | — | — | — | — | — | — | — | — | — | — |
| " Angle Irons | 5 x 4 | 5 x 4 | 5 x 4 | 5 x 4 | 5 x 4 | 5 x 4 | — | — | — | — | — |
| " Double Angle Iron Side Keelson | 5 x 4 | 5 x 4 | 5 x 4 | 5 x 4 | 5 x 4 | 5 x 4 | — | — | — | — | — |
| " Side Intercostal Plate | — | 8 | — | — | 8 | — | — | — | — | — | — |
| " do. Angle Irons | 3 1/2 x 3 1/2 | 3 1/2 x 3 1/2 | 3 1/2 x 3 1/2 | 3 1/2 x 3 1/2 | 3 1/2 x 3 1/2 | 3 1/2 x 3 1/2 | — | — | — | — | — |
| " Attached to outside plating with angle iron | — | — | — | — | — | — | — | — | — | — | — |
| BILGE Angle Irons | 5 x 4 | 5 x 4 | 5 x 4 | 5 x 4 | 5 x 4 | 5 x 4 | — | — | — | — | — |
| " do. Bulb Iron | — | — | — | — | — | — | — | — | — | — | — |
| " do. Intercostal plates riveted to plating for length | — | — | — | — | — | — | — | — | — | — | — |
| BILGE STRINGER Angle Irons | 5 x 4 | 5 x 4 | 5 x 4 | 5 x 4 | 5 x 4 | 5 x 4 | — | — | — | — | — |
| Intercostal plates riveted to plating for length | — | — | — | — | — | — | — | — | — | — | — |
| DE STRINGER Angle Irons | 5 x 4 | 5 x 4 | 5 x 4 | 5 x 4 | 5 x 4 | 5 x 4 | — | — | — | — | — |

Transoms, material. Knight-heads. Hawse Timbers. Iron
 Windlass Compass Patent Pall Bitt

The FRAMES extend in one length from Keel to Gunwale Riveted through plates with 3/4 in. Rivets, about 6 apart.
 The REVERSED ANGLE IRONS on floors and frames extend from middle line to Upper Deck and to 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 1/2 in. diameter, averaging 5 1/2 ins. from centre to centre.

Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets 7/8 in. diameter, averaging 3 1/2 ins. from centre to centre.

Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets 7/8 in. diameter averaging 3 1/2 ins. from centre to centre.

Butts of 3 Strakes at Bilge for 1/2 length, treble riveted with Butt Straps 7/8 thicker than the plates they connect.

Edges from bilge to Main Sheerstrake, worked clencher, double 4 riveted; with rivets 7/8 in. diameter, averaging 3 1/2 ins. from cr. to cr.

Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets 7/8 in. diameter, averaging 3 1/2 ins. from cr. to cr.

Edges of Main Sheerstrake, double 4 riveted. Upper Sheerstrake, double or single riveted.

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

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

Breadth of laps of plating in double riveting 5 1/2 Breadth of laps of plating in single riveting —

Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? —

Waterway, how secured to Beams Gutter (Explain by Sketch, if necessary.)
 Beams of the various Decks, how secured to the sides? By knees turned down No. of Breasthooks, 6 Crutches, 6
 What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? Best
 Manufacturer's name or trade mark, Angles "Daniel", Bulbs Stockton, Plates Parkhead
 The above is a correct description.
 Builder's Signature, Mrs. James & Co. Thomson Surveyor's Signature, Sam. Lapham
 Surveyor to Lloyd's Register of British and Foreign Shipping.

IRON 469. 0357

