

IRON SHIP.

No. 13873 Survey held at London Date, First Survey Dec 17 1874 Last Survey Dec 17 1874

On the SS South Western Sch Rig 2 Mast & no Yards in or Sides in Master Mervels

TONNAGE under Tonnage Deck 540 42
 Ditto of Third Span 82 08
 Ditto of Lower Span 11 65
 Ditto of Forecastle 22 73
 Gross Tonnage 656 88
 Less Cargo Space 22 50
 Less Engine Room 270 41
 Register Tonnage as cut on Beam 363 97

ONE OR TWO DECKED, THREE DECKED VESSEL.
 SPAR, OR AWNING DECKED VESSEL.
 HALF BREADTH (moulded) 13 50
 DEPTH from upper part of Keel to top of Upper Deck Beams 14 75
 GIRTH of Half Midship Frame (as per Rule) 24 25
 1st NUMBER 52 50
 1st NUMBER, if a THREE-DECKED VESSEL 11628
 LENGTH 222 50
 2nd NUMBER 11628
 PROPORTIONS—Breadths to Length 8 2
 Depths to Length—Upper Deck to Keel 15 02
 Main Deck ditto a a

Built at London
 When built 1874 Launched Sept 12 1874
 By whom built J & W Judgson
 Owners South Western Railway Co
 Port belonging to Southampton
 Destined Voyage Southampton & Coast of Brazil
 If Surveyed while Building, Afloat, or in Dry Dock. Whilst Building

LENGTH on deck as per Rule 221 6 BREADTH Moulded 27 DEPTH top of Floors to Upper Deck Beams 13 6 Power of Engines 18 Horse 6 N° of Decks with flat laid 2 N° of Tiers of Beams 2

Dimensions of Ship per Register, length, 222-30 breadth, 27-10 depth, 13-50

KEEL, depth and thickness 7 1/2 x 2 1/4
 STEM, moulding and thickness 7 1/4 x 2 1/4
 STERN-POST for Rudder do. do. 7 3/4 x 4 3/8
 for Propeller 7 1/2 x 2 1/4
 Distance of Frames from moulding edge to moulding edge, all fore and aft 22
 FRAMES, Angle Iron, for 1/2 length amidships 3 1/2
 Do. for 1/2 at each end 3 1/2
 REVERSED FRAMES, Angle Iron 2 1/2
 FLOORS, depth and thickness of Floor Plate at mid line for half length amidships 15
 thickness at the ends of vessel 5
 depth at 1/2 the half-bdth. as per Rule 7 1/2
 height extended at the Bilges 30
 BEAMS, Upper, Spar, or Awning Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron 6 1/2
 Single or double Angle Iron on Upper edge 2 1/2
 Average space 44
 BEAMS, Main, or Middle Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron 6 1/2
 Single or double Angle Iron, on Upper Edge 2 1/2
 Average space 44
 BEAMS, Lower Deck, Hold, or Orlop Single or d'ble Ang. Iron, Plate or Tee Bulb Iron 6 1/2
 Single or double Angle Iron on Upper Edge 2 1/2
 Average space 44
 KEELSONS Centre line, single or double plate, box, or intercostal plates 12 1/2
 " Rider Plate 8
 " Bulb Plate to intercostal keelson 6 5/8
 " Angle Irons 4 1/2
 " Double Angle Iron Side Keelson 4 1/2
 " Side intercostal plate 14
 " do. Angle Irons 4 1/2
 " Attached to outside plating with angle iron 4 1/2

BILGE Angle Irons 4 1/2
 " do. Bulb Iron 6 1/2
 " do. Intercostal plates riveted to plating for length 6 1/2

BILGE STRINGER Angle Irons 4 1/2
 Intercostal plates riveted to plating for length 6 1/2

SIDE STRINGER Angle Irons 4 1/2

Transoms, material. Knight-heads. Hawse Timbers. Iron

Windlass Iron Patent Pall Bitt nil

The FRAMES extend in one length from Keel to gunwale Riveted through plates with 3/4 in. Rivets, about 6 1/2 apart.

The REVERSED ANGLE IRONS on floors and frames extend across middle line to angles on both beam stringers and to upper strake 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 in. diameter, averaging 5 ins. from centre to centre.

Edges of Garboards, and to upper part of Bilge, worked clencher, double riveted; with rivets 3/4 in. diameter, averaging 3 ins. from centre to centre.

Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets 3/4 in. diameter averaging 3 ins. from centre to centre.

Butts of 2 Strakes at Bilge for 1/2 length, treble riveted with Butt Straps 7/16 thicker than the plates they connect

Edges from bilge to Main Sheerstrake, worked clencher, double or single riveted; with rivets 3/4 in. diameter, averaging 3 ins. from cr. to cr.

Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets 3/4 in. diameter, averaging 3 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 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 4 3/4 Breadth of laps of plating in single riveting 2 1/2

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

Waterway, how secured to Beams Screw into & nuts (Explain by Sketch, if necessary.)

Beams of the various Decks, how secured to the sides? Riveted to frames & stringer plate No. of Breasthooks, 4 Crutches, 2

What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? Plates Messrs Iron Works

Manufacturer's name or trade mark, Saxlington Anglo Smeeth & Co London

The above is a correct description.

Builder's Signature, J & W Judgson Surveyor's Signature, William S. Martindale

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

