

STEEL IRON SHIP.

No. 6034 Survey held at Glasgow Date, First Survey 14th November 1883 Last Survey 2 September 1884
 On the Steel Screw Steamer "Atlantis" (Schooner rig.) Master J. Handless

Official Number

Tonnage under Tonnage Deck	1291.71
Ditto of Third, Spar, or Awning Deck	22.72
Ditto of Poop, or Raised Deck	95.04
Ditto of Houses on Deck	42.84
Ditto of Forecastle	23.41
Gross Tonnage	1475.72
Less Crew Space	53.75
Less Engine Room	142.97
Register Tonnage as out on Beam	1279.00

ONE, OR TWO DECKED, THREE DECKED VESSEL, SPAR, OR AWNING-DECKED VESSEL.	
Half Breadth (moulded)	16.5
Depth from upper part of Keel to top of Upper Deck Beams	21.16
Girth of Half Midship Frame (as per Rule)	33.25
1st Number	7091
1st Number, if a 3-Decked Vessel .. deduct 7 feet	—
Length	279.6
2nd Number	19826
Proportions— Breadths to Length	8.4
Depths to Length—Upper Deck to Keel	13.2
Main Deck ditto	—

Built at Clydebank near Glasgow
 When built 1883-84 Launched 26 June 1884
 By whom built J. & G. Thomson
 Owners Scrutton Lons & Co.
 Residence London
 Port belonging to London
 Destined Voyage West Indies
 If Surveyed while Building, Afloat, or in Dry Dock.
Built under Special Survey.

LENGTH on deck as per Rule	279.7	BREADTH—Moulded	33	DEPTH top of Floors to Upper Deck Beams	19.4	Power of Engines	120	N ^o . of Decks with flat laid	2
Dimensions of Ship per Register, length, breadth, depth	280	breadth, 33.15	depth, 19.2	Moulded depth	20.5				

	Inches in Ship.		Inches per Rule.	
	Inches.	Inches.	Inches.	Inches.
KEEL , depth and thickness	—	—	—	—
STEM , moulding and thickness	8.9	9 x 2 1/2	9 x 2 1/2	9 x 2 1/2
STERN-POST for Rudder do. do.	—	9 x 5 1/2	9 x 5 1/2	9 x 5 1/2
" " for Propeller	—	9 x 5 1/2	9 x 5 1/2	9 x 5 1/2
Distance of Frames from moulding edge to moulding edge, all fore and aft	—	24	24	24
FRAMES , Angle Iron, for 1/2 length amidships	4 1/2	3	12	4 1/2
Do. for 1/4 at each end	—	10	10	10
REVERSED FRAMES , Angle Iron	3	3	12	3
FLOORS , depth and thickness of Floor Plate at mid line for half length amidships	2 1/2	15	2 1/2	15
" thickness at the ends of vessel	—	13	13	13
" depth at 3/4 the half-bdth. as per Rule	11	11	11	11
" height extended at the Bilges	4.3	4.3	4.3	4.3
BEAMS, Upper, Spar, or Awning Deck	6 1/2	3	13	6 1/2
Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	—	—	—	—
Single or double Angle Iron on Upper edge	—	24	24	24
Average space	—	—	—	—
BEAMS, Main or Middle Deck	—	—	—	—
Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	—	—	—	—
Single or double Angle Iron on Upper Edge	—	—	—	—
Average space	—	—	—	—
BEAMS, Lower Deck	8	13	8	13
Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	—	—	—	—
Single or double Angle Iron on Upper Edge	3	3	10	3
Average space	4.8	4.8	4.8	4.8
BEAMS, Hold or Orlop	—	—	—	—
Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	—	—	—	—
Single or double Angle Iron on Upper Edge	—	—	—	—
Average space	—	—	—	—
KEELSONS Centre line, single or double plate, box, or intercostal, Plates	1 1/2	21	1 1/2	21
" Rider Plate	12	12	12	12
" Bulb Plate to Intercostal Keelson	—	—	—	—
" Angle Irons	5 1/2	4	15	5 1/2
" Double Angle Iron Side Keelson	—	—	—	—
" Side Intercostal Plate	—	13	13	13
" do. Angle Irons	5 1/2	4	15	5 1/2
" Attached to outside plating with angle iron	3	3	12	3
BILGE Angle Irons	5 1/2	4	15	5 1/2
" do. Bulb Irons	8	13	8	13
" do. Intercostal plates riveted to plating for length	—	—	—	—
BILGE STRINGER Angle Irons	5 1/2	4	15	5 1/2
Intercostal plates riveted to plating for length	—	—	—	—
SIDE STRINGER Angle Irons	—	—	—	—

	Inches.	Inches.	Inches.	Inches.
Flat Keel Plates, breadth and thickness	36	26	36	26
PLATES in Garboard Strakes, br'dth & thickness	32	19	32	19
" From Garboard to upper part of Bilges	—	—	—	—
" Of d'bling at Bilge, or increased thickness, and length applied	38 1/2	16	38 1/2	16
" From up. prt of Bilge to lr. edge of Sh'rstrake	46	26	46	26
" Main Sheerstrake , breadth and thickness	46	26	46	26
" Of d'bling at Sh'rstrake & lgs. applied	—	—	—	—
" From Main to Up. or Spar Dk. Sh'rstrake	—	—	—	—
" Up. or Spar Dk. Sh'rstrake, br'dth & thickness	—	—	—	—
Butt Straps to outside plating, breadth & thickness	20 1/2	10	28 1/2	13
Lengths of Plating	7	—	5	—
Shifts of Plating, and Stringers	2	—	2	—
Gunwale Plate on ends of Awning, Spar, or Upper Deck Beams, breadth and thickness	56	16	56	16
Angle Iron on ditto	5 1/2	4	15	5 1/2
Tie Plates fore and aft, outside Hatchways	—	—	—	—
Diagonal Tie Plates on Beams No. of Pairs	—	—	—	—
Flat of Up., Spar, or Awning Dk. under poop only	—	—	—	—
How fastened to Beams	—	—	—	—
Stringer Plate on ends of Main or Middle Deck Beams, breadth and thickness	—	—	—	—
Is the Stringer Plate attached to the outside plating?	—	—	—	—
Angle Irons on ditto, No.	—	—	—	—
Tie Plates, outside Hatchways	—	—	—	—
Diagonal Tie Plates on Beams, No. of pairs	—	—	—	—
Flat of Middle Deck do.	—	—	—	—
How fastened to Beams	—	—	—	—
Stringer Plates on ends of Lower Deck, Hold or Orlop Beams	34	15	34	15
Is the Stringer Plate attached to the outside plating?	—	—	—	—
Angle Irons on ditto, No. 2	4	4	15	4
Stringer or Tie Plates, outside Hatchways	13	16	13	16
Flat of Lower Deck	2 1/2	—	—	—
Ceiling betwixt Decks, thickness and material	2 1/2	—	—	—
" in hold do. do.	2 1/2	—	—	—
Main piece of Rudder, diameter at head	—	—	—	—
do. at heel	7	—	—	—
Can the Rudder be unshipped afloat?	Yes	—	—	—
Bulkheads No. 4	—	—	—	—
No. per Rule	4	—	—	—
Thickness of	6	—	—	—
Height up	16	—	—	—
How secured to sides of ship	Double frames	—	—	—
Size of Vertical Angle Irons	4 1/2 x 3 x 9/16	—	—	—
and distance apart	30	—	—	—
ins.	—	—	—	—
Are the outside Plates doubled two spaces of Frames in length?	Yes	—	—	—

The **FRAMES** extend in one length from middle line 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 upper deck and to lower deck 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 4 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, treble riveted; with rivets 7/8 in. diameter averaging 3 1/2 ins. from centre to centre.
 " Butts of 4 Strakes at Bilge for 1/2 length, treble riveted with Butt Straps 1/16 thicker than the plates they connect.
 " Edges from Bilge to **Main Sheerstrake**, worked clencher, double treble riveted; with rivets 7/8 in. diameter, averaging 3 1/2 ins. from cr. to cr.
 " Butts from Bilge to **Main Sheerstrake**, worked carvel, treble riveted; with rivets 7/8 in. diameter, averaging 3 1/2 ins. from cr. to cr.
 " Edges of **Main Sheerstrake**, double 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 6 1/2 Breadth of laps of plating in single riveting
 Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? Treble & double No. of Breasthooks, 4 Crutches, deep floors
 What description of Steel is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? Siemens's mild steel
 Rivets, of steel
 Manufacturer's name or trade mark, Plates from Dalkoll, angles from Messrs. Iron plates, Stockton.
 The above is a correct description.
 Builder's Signature, J. James & G. Thomson Surveyor's Signature, G. Stanbury
G. Grant Surveyor to Lloyd's Register of British and Foreign Shipping.

Form No. 1 for Iron Ships—4000—16/11/82.

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

