

Steel IRON SHIP.

(Received at London Office,

FRIDAY 13

JAN 1885

No. 684 Survey held at Glasgow Date, First Survey 15th Aug. 1884 Last Survey 10th March 1885

On the S.S. "Electra"

TONNAGE under Tonnage Deck 786.55 ONE, OR TWO DECKED, THREE DECKED VESSEL, SPAR, OR AWNING-DECKED VESSEL.

Ditto of Main Deck 41.84 Half Breadth (moulded) 16.0

Ditto of Upper Deck 1144.95 Depth from upper part of Keel to top of Upper Deck Beams 18.29

Ditto of Lower Deck 428.38 Girth of Half Midship Frame (as per Rule) 29.25

Ditto of Houses on Deck 419.54 1st Number 63.54

Gross Tonnage 1818.97 1st Number, if a 3-Decked Vessel, deduct 7 feet

Less Crew Space 41.84 Length 224.83

Less Engine Room 428.38 2nd Number 14476.31

Register Tonnage as cut on Beam 419.54 Proportions— Breadths to Length 4.12

Depths to Length— Upper Deck to Keel 12.45

Main Deck ditto 12.45

Master Peterdon Pattison

Built at Glasgow

When built 1885 Launched 19th Jan.

By whom built R. Napier & Sons

Owners Eastern Telegraph Co.

Residence 66 Old Broad St. London

Port belonging to London

Destined Voyage London

Surveyed while Building Afloat, or in Dry Dock.

LENGTH on deck as per Rule 224 10 BREADTH Moulded 32 0 DEPTH top of Floors to Upper Deck Beams 16 9 Power of Engines 200 N° of Decks with flat laid 3 N° of Tiers of Beams 3

Dimensions of Ship per Register, length, 234.4 breadth, 32.1 depth, 16.6

KEEL, depth and thickness 4 1/2 x 2 1/2

STEM, moulding and thickness 4 1/2 x 2 3/8

STERN-POST for Rudder do. do. 8 x 5

" " for Propeller 4 1/2 x 4 3/4

Distance of Frames from moulding edge to moulding edge, all fore and aft 23

FRAMES, Angle Iron, for 1/2 length amidships 4 3 13

Do. for 1/4 at each end 4 3 11

REVERSED FRAMES, Angle Iron Steel 3 3 11

FLOORS, depth and thickness of Floor Plate at mid line for half length amidships 18 1/2

" thickness at the ends of vessel 13

" depth at 1/2 the half-bdth. as per Rule 34

" height extended at the Bilges 34

BEAMS, Upper, Spar, or Awning Deck Single or double Angle Iron, Plate or Tee Bulb Iron 5 1/2 3 14

Angle or double Angle Iron on Upper edge 46

Average space 4 5 14

BEAMS, Main, or Middle Deck Single or double Angle Iron, Plate or Tee Bulb Iron 4 5 14

Angle or double Angle Iron on Upper edge 46

Average space 4 5 12

BEAMS, Lower Deck Single or double Angle Iron, Plate or Tee Bulb Iron 4 5 12

Angle or double Angle Iron on Upper edge 46

Average space 4 5 12

BEAMS, Hold, or Orlop Single or double Angle Iron, Plate or Tee Bulb Iron 15

Angle or double Angle Iron on Upper edge 20

Average space 10 1/2 20

KEELSONS Centre line, single or double plate, box, or intercostal, plates 10 1/2 20 10 1/2 20

Rider Plate 5 3 1/2 14 5 3 1/2 14

Bulb Plate to Intercostal Keelson 5 3 1/2 14 5 3 1/2 14

Angle Irons 5 3 1/2 14 5 3 1/2 14

Double Angle Iron Side Keelson 5 3 1/2 14 5 3 1/2 14

Side Intercostal Plate wash plates 12

do. Angle Irons 12

Attached to outside plating with angle iron 5 3 1/2 14 5 3 1/2 14

BILGE Angle Irons 4 3 1/2 14 4 3 1/2 14

do. Bulb Iron 4 3 1/2 14 4 3 1/2 14

do. Intercostal plates riveted to plating for length 5 3 1/2 14 5 3 1/2 14

BILGE STRINGER Angle Irons 5 3 1/2 14 5 3 1/2 14

Intercostal plates riveted to plating for length 5 3 1/2 14 5 3 1/2 14

SIDE STRINGER Angle Irons 5 3 1/2 14 5 3 1/2 14

The FRAMES extend in one length from keel to awning deck

The REVERSED ANGLE IRONS on floors and frames extend from middle line to main deck

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 1/8 in. diameter, averaging 5 5/8 ins. from centre to centre.

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

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

" Butts of all 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 clencher, double or single riveted; with rivets 1/8 in. diameter, averaging 3 1/2 ins. from cr. to cr.

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

" Breadth of laps of plating in double riveting 6 Dins Breadth of laps of plating in single riveting

Butt Straps of Keelsons, Stringer and Tie Plates, treble or double Riveted? No. of Breasthooks, Five Crutches, Three

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

Manufacturer's name or trade mark, W. Cumberland Iron & Steel Co., and Dalzell.

The above is a correct description. Builder's Signature, M. Napier & Sons. Surveyor's Signature, J. Thomson. Surveyor to Lloyd's Register of British and Foreign Shipping.

