

Sailing Vessel. ~~IRON OR~~ STEEL SAILING SHIP.

(Received at London Office)

1054
10 JUNDate of completion of Report 9th June 1892 Port of Greenwich.
No. 10548 Survey held at 446 Date of First Survey 2nd Dec 1891 Last Survey 3rd June 1892
On the "Earl Cadogan" Rig 13R. 3 mastTONNAGE under
Tonnage Deck. 1329.25

ONE OR TWO DECKED VESSEL.

Master J. A. Bentley.

Do. of Poop 57.58
Do. of raised Or. 3.27
Do. of Bridge House

CLASS 100A.1. Steel

Year of Appointment (1) As master in service of
owner of present vessel: 1892
(2) As master of this
vessel: 1892

Do. of Houses on Deck 29.48

Half Breadth (moulded) 17.92

Built at Port Glasgow.

Do. of excess of Hatchways

Depth from upper part of Keel to top of Upper Deck Beams 23.93

When built 1891-2 Launched 19.4.92

Do. of Forecastle wings 3.27

BIRTH of Half Midship Frame (as per Rule) 37.90

By whom built Russell & Co.

Gross Tonnage 1433.76

1st Number 79.95

Owners Earl Cadogan Ship Co (Limited)

Less Crew Space 49.64

Length 225.5

Managers (J. W. Tucker.)

TONNAGE FOR FEES 1384.12

2nd Number 17983.

(Where necessary to be entered in Reg. Book.)

Less Navigation spaces 50.09

Proportions—Breadths to Length 6.29

Residence 7 East India Avenue

Register Tonnage 1334.03

Depths to Length—Upper Deck to top of Keel 9.42

Port belonging to London.

Destined Voyage Sydney via Gl. & Surveyed while Building, Afloat, or in Dry Dock

LENGTH on deck Feet. Inches. 225 6 BREADTH—Feet. Inches. 35 10 Moulded. DEPTH—Feet. Inches. 21 11 Top of Floors to Upper Deck Beams. No. of Decks with Flat laid out. No. of Tiers of Beams two.

Dimensions of Ship per Register, Length 227.3 breadth 36.1 depth 21.7 Moulded depth, ft. 23 in. 2 Round up of Beam 9 ins.

FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates, depth and thickness 9x2 1/2 9x2 1/2
STEM, moulding and thickness 8 1/2 x 2 1/2 8 1/2 x 2 1/2
STERN POST, do. do. 8 1/2 x 2 1/2 8 1/2 x 2 1/2
MAIN-PIECE of RUDDER, diameter at head 6 6
" " " at heel 3 3
RUDDER, how constructed Iron frame forging, plated.
Can the Rudder be unshipped afloat? yes

FRAMING.

FRAME, Angles, or Bars, for 1/2 length amids. 5 3 8 5 3 8
Do. for 1/2 at each end 7 7 7
Do. in way of Double Bottoms 7 7 7
Distance of Frames from moulding edge to moulding edge, all fore and aft 24 24 24
REVERSED FRAME, Angles 3 1/2 3 8 3 1/2 3 8
FLOORS, depth and thickness of Floor Plate at mid line for 1/2 length amids. 24 10 24 10
" thickness at the ends of vessel 8 8
" depth at 1/2 the half breadth, as per Rule 12 12
" height extended at the Bilges 48 48
FLOORS & BRACKETS, in Cell Dble Bottoms distance apart
CENTRE GIRDER, in Dbl. Btm., depth & thickness Angles Top Bottom
SIDE GIRDERS, number and thickness Angles
MARGIN PLATE, depth (exclusive of flange) and thickness Angles
INNER BOTTOM PLATING, breadth & thickness of Middle Line Strake Remainder
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb 9 3 10 9 3 10
" Angles on Upper Edge 48 48
" Average space 9 3 10 9 3 10
BEAMS, Lower Deck, Plate or Tee Bulb Angles 9 3 10 9 3 10
" Angles on Upper Edge 48 48
" Average space 48 48
BEAMS, Hold, Plate or Tee Bulb Angles on Upper Edge
" Average space
BEAMS, Poop or Bridge Deck, Single Angle, Bulb Angle, Plate or Tee Bulb 6 1/2 4 9 6 1/2 4 9
" Angles on Upper Edge 48 48
" Average space 48 48
BEAMS, Forecastle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb 8 3 10 8 3 10
" Angles on Upper Edge 48 48
" Average space 48 48
PILLARS, in 'tween Decks, at Centre line, Size 2 3/4 2 3/4
" " " Spacing 48 48
" " " Quarter Size Spacing
" " " In Holds, at Centre line Size 3 1/2 3 1/2
" " " Spacing 48 48
" " " Quarter Size Spacing
WEB FRAMES, Breadth and thickness
" Number and Spacing
Number of Side Stringers, breadth and thickness
Size of Angles or Tee Bars to Web Frames

KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate 17 12 17 12
" Rider Plate 11 12 11 12
" Bulb Plate to Intercoastal Keelson
" Horizontal Plates above floors 5 4 9 5 4 9
" Angles 5 4 9 5 4 9
SIDE KEELSON, Angles 5 4 9 5 4 9
" Bulb Plate for length
" Intercoastal Plate for length
" Attached to outside Plating with Angle 3 3 7 3 3 7
BILGE KEELSON, Angle 5 4 9 5 4 9
" Bulb Plate for length
" Intercoastal Plates for length
" Attached to outside Plating with Angle 5 4 9 5 4 9
BILGE STRINGER, Angles 5 4 9 5 4 9
" Bulb Plate for length
" Intercoastal Plates for length
" Attached to outside Plating with Angle 5 4 9 5 4 9
SIDE STRINGER, Angles 5 4 9 5 4 9
" Bulb Plate for length
" Intercoastal Plate for length
" Attached to outside Plating with Angle
Main Deck Stringer Plate, on end of Beams, breadth and thickness 44 10 44 10
" Angle on ditto 4 1/2 x 4 1/2 x 10 4 1/2 x 4 1/2 x 10
" Tie Plates fore and aft, outside Hatchways 13 10 13 10
" Diagonal Tie Plates on Bms., No. of Pcs. 3 13 10 13 10
" Flat of Deck*, material and thickness 4 PP. 4
" " Iron or Steel for length
" How fastened to Beams bolted
Lower Deck Stringer Plate, on ends of Beams, breadth and thickness 32 9 32 9
Is the Stringer Plate attached to the Outside Plating? yes
" Angles on ditto, No. 2 4 4 x 9 4 4 x 9
" Tie Plates, outside Hatchways 13 9 13 9
" Diagonal Tie Plates on Bms., No. of Pcs.
" Flat of Deck, material and thickness Small Plate at ends
" How fastened to Beams 2 1/2 PP. bolted.
Hold Stringer Plate, on end of Beams
Is the Stringer Plate attached to the Outside Plating?
" Angles on ditto, No.
" Tie Plate outside Hatchways
" Flat of Deck, material and thickness
Poop or Bridge Deck Stringer Plate, breadth and thickness Rounded gunwale 6
" Angle 3 1/2 x 3 1/2 x 6 3 1/2 x 3 1/2 x 6
" Tie Plates on Beams 10 6 10 6
" Flat of Deck, material and thickness 3 PP. 3
Forecastle Deck Stringer Plate, breadth & thickness 30 6 30 6
" Angle 3 1/2 x 3 1/2 x 6 3 1/2 x 3 1/2 x 6
" Tie Plates on Beams 10 6 10 6
" Flat of Deck, material and thickness 3 PP. 3
PLATING.
FLAT PLATE KEEL, breadth and thickness 36 12 36 12
PLATES in Garboard Strakes, breadth & thickness 36 12 36 12
" from Garboard to lower part of Bilges 10 10
" Bilges, number of Strakes, and thickness 570 11 570 11
" doubling at Bilge, or increased thickness, and length applied throughout 1 1
" from up. part of Bilge to lr. edge of Strake 10 10
" Strake in way of Lower Deck Beams 10 10
" Sheerstrake, breadth and thickness 42 13 42 13
" Poop or Bridge Sides 6 6
" Forecastle Sides 6 6
Lengths of Plating seven spaces

Form 1B: Hull and Deck Details. Includes sections for Bulkheads, Ribs, and Decking. Key entries include: Bulkheads (No. in Vessel, Thickness, Angles, Spacing), Ribs (No. in Vessel, Thickness, Angles, Spacing), and Decking (Ceiling betwixt Decks, thickness and material, in hold, do. do.).

Table with 12 columns: Material, Total length, Diameter and Thickness (At Partners, Heel, Hounds, Head), Number of Plates in Round, Angles (Number, Size), Riveting (Seams, Butts). Rows include: Lower Masts, Bowsprit, Topmasts, Yards, Fore Topmast Yards, Main, Mizzen, Jigger.

Remainder of Spars: Fore & main top gallant masts, mizzen topmast, top gallant & Royal masts. Rigging: Material and Size, Shrouds, Stays. Sails: One complete suit of working sails, and the following spare sails.

Table with 12 columns: Number of Certificate, Weight, Ex. Stock, Weight of Stock, Test per Certificate, Weight Req. per Rule, Description of Anchor, Makers, Where and when tested and Superintendent. Rows include: 20291 1st Bower, 20290 2nd, 20289 3rd, 20288 4th, 22812 Stream, 22808 Kedge, 22777 2nd Kedge.

Form 1B: Chain Cables and Hawsers and Warps. Includes sections for Chain Cables (Number of Certificate, Fathoms, Size, Weight of Chain Cable, Fathoms & Size, Description, Makers of Cables, Where and when tested, and Superintendent) and Hawsers and Warps (Material, Fathoms, Size, Fathoms & Size, Description, Makers of Cables, Where and when tested, and Superintendent).

Approved sketch of midship section forwarded by 11 May 1892

Order for Special Survey No. 1557
Date 1st April 1891
Order for Ordinary Survey No. 286
Date 1st April 1891
No. 286 in builder's yard.

DATES OF SURVEYS
held while building
as per Section 18.

- 1st. On the several parts of the frame, when in place, and before the plating was wrought
- 2nd. On the plating during the process of riveting
- 3rd. When the beams were in and fastened, and before the decks were laid
- 4th. When the ship was complete, and before the plating was finally coated or cemented
- 5th. After the ship was launched and equipped

1891. Dec. 2, 4, 15, 18, 21, 24, 30.
1892. Jan. 6, 12, 16, 19, 25, 27.
July 1, 8, 9, 11, 15, 19, 22, 27, 28, 48, 15.
18. 27. 29. April 1. 6. 11. 13.
19. 21. 23. 27. May 3. 5. 9. 11. 16. 18. 20. 21. 24. 28. 30. June 3. Total No. of Visits 49.

State dates and initials of letters respecting this case 1891: 6th 25th April; 7th 12th June; 9th July.

General Remarks (State quality of workmanship, &c.) The workmanship is good; and the vessel has been constructed in accordance with the approved plans; (three in number) which together with the Report on the forging; and the certificate of tests of the steel wire rigging, are attached hereto.

This is a similar vessel to the Amurel: See Gnr. Rpt. no 10489.

PARTICULARS FOR RECORD IN THE REGISTER BOOK.

Length of Poop 20 ft., R.Q.D. or Break ft., Bridge Dk. ft., Forecastle 34 ft. (in feet and tenths).
No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 100A. (wood) 2 to B.
Official No. Signal Letters.

PARTICULARS OF WATER BALLAST.

Double bottom, aft, length and water capacity in tons Double bottom, amidships, length and water capacity in tons
Double bottom, forward, length and water capacity in tons
Double bottom, constructed on the cellular system, length and water capacity in tons
Fore peak tank, water capacity in tons After peak tank, water capacity in tons
Midship deep tank, length and water capacity in tons Other tanks, if fitted, length and water capacity in tons
The above have fore peak has been tested as required by the Rules.
(If necessary, furnish further information by sketch.)
How are the surfaces preserved from oxidation? Inside Portland Cement & Paint Outside Paint.

FREEBOARD assigned by the Committee, as per Secretary's Letter, dated 11 May 1892.
State if marked on Vessel's sides in accordance with Notice No. 572.
The amount of Entry Fee £ 4 : - : - is received by me, 6th June 1892.
Special... £ 59 : 12 : -
Certificate* £ Gratia.
Travelling Expenses, if any £ Nil.
I am of opinion this Vessel should be Classed 100A.1.
Certificate to be sent to Greenwich Office.
CR Burney, Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute
Character assigned

TUES. 14 JUN 1892
100A1 Steel
100A2 2 to B

This vessel appears to have been built in accordance with the Rules and the approved plans, and it is submitted that she is eligible to be classed 100A1 (Steel) as recommended.
100A1 (Steel)
100A2 2 to B

(The Surveyors are requested not to write on or below the space for Committee's Minute.)