

1 or 2 Decks.

STEEL STEAMER.

Received at London Office.

MON. 8 FEB 1892

State of Report is also sent on the Machinery of the Vessel.

Date of completion of Report

6th February 1892 Port of Glasgow

No. 11280 Survey held at Paisley

Date, First Survey 31st July 1891

Last Survey 2nd February 1892

On the

Screw Steamer "Ralston"

Rig

Schooner

TONNAGE under Tonnage Deck... 180.28

ONE DECKED VESSEL.

Master Kenneth Stewart

Do. of Poop 20.49

CLASS 100 A.1

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

Do. of Raised Gr. 14.89

FEET.

Built at Paisley

Do. of Bridge House 1.36

Half Breadth (moulded) 11.00

When built 1891-892 Launched 13th January 1892

Do. of Houses on Deck 4.40

Depth from upper part of Keel to top of Main Deck Bms. 10.48

By whom built Messrs J. & M. Arthur & Co

Do. of excess of Hatchways 10.16

Girth of Half Midship Frame (as per Rule) 19.25

Owners P. D. Hendry & Co

Do. of Forecastle 231.78

1st Number 40.70

Managers

Do. of Crown of Engine Room 31.99

Length 119

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

Less Crew Space 10.16

2nd Number 4843.3

Residence 88 Great Clyde St. Glasgow

TONNAGE FOR FEES 189.63

Proportions—Breadths to Length 5.4

Port belonging to Glasgow

Less Engine Room 95.39

Depths to Length—Main Deck to top of Keel 11.38

Less Navigation Spaces 4.70

Destined Voyage Coasting

If Surveyed while Building, Afloat, or in Dry Dock while building Afloat

Table with columns: LENGTH on Deck as per Rule, BREADTH—Moulded, DEPTH—Top of Floors to Main Deck Beams, Power of Engines, Horse, No. of Decks with Flat laid, No. of Tiers of Beams.

Dimensions of Ship per Register, Length, 120 breadth, 22 depth, 9.1

Moulded Depth, ft. 10 ins. 0 Round of Beam 5 inches.

FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

MAIN PIECE of Rudder, diameter at head.

RUDDER, how constructed

Can the Rudder be unshipped afloat?

FRAMING.

FRAME, Angles, on 7 Base, for 1/2 length amidships

Do. for 1/2 at each end

Do. in way of Double Bottoms

Do. of Frames from moulding edge to

BASED FRAME, Angles

STRINGS, depth and thickness of Floor Plate

Do. in way of Engines and Boilers

Do. thickness at the ends of vessel

Do. depth at 1/2 the half breadth, as per Rule

Do. height extended at the Bilges

STRINGS & BRACKETS, in Cell Dble Bottoms

Do. Distance apart

Do. GIBBER, in Double Bottom, depth

Do. Angles, Top

Do. Bottom

Do. PLATES, number and thickness

Do. PLATE, depth (exclusive of flange)

Do. Bottom PLATING, breadth and

Do. thickness of Middle Line Strake

Do. thickness in Engine and Boiler space

Do. Remainder in Hold

Do. ANGLES, Main and Raised Quarter Deck,

Do. Single Angle, Bulb Angle, Plate or Tee Bulb

Do. Angles on Upper Edge

Do. Average space

Do. Lower Deck, Single Angle, Bulb

Do. Angle, Plate or Tee Bulb

Do. Angles on Upper Edge

Do. Average space

Do. Hold, Plate or Tee Bulb

Do. Angles on Upper Edge

Do. Average space

Do. ANGLES, Bridge Deck, Angle, Bulb Angle,

Do. Plate or Tee Bulb

Do. Angles on Upper Edge

Do. Average space

Do. ANGLES, Forecastle Deck, Angle, Bulb Angle,

Do. Plate or Tee Bulb

Do. Angles on Upper Edge

Do. Average space

Do. ANGLES, In 'tween Decks, Size and Spacing

Do. Hold

Do. FRAMES, In Fore Body, No. and Spacing

Do. No. of Side Stringers

Do. WEB FRAMES, In After Body, No. and Spacing

Do. No. of Side Stringers

Do. Size of Angles on Top Bars to Web Frames

Do. BRACKET PLATES to Stringers between

Do. Web Frames, Depth and Thickness

KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

Do. Rider Plate

Do. Bulb Plate to Intercoastal Keelson

Do. Horizontal Plates on Floors

Do. Angles

SIDE KEELSON, Angles

Do. Bulb or Plate above floors for

Do. Intercoastal Plate for

Do. Attached to outside plating with Angle

BILGE KEELSON, Angles

Do. Bulb or Plate above floors for

Do. Intercoastal Plate for

Do. Attached to outside plating with Angle

BILGE STRINGER Angles

Do. Bulb Plate for

Do. Intercoastal Plate for

Do. Attached to outside plating with Angle

SIDE STRINGER Angles in way of R.A.D.S.

Do. Bulb or Intercoastal Plate for

Main and Raised Quarter Deck Stringer

Do. Plate, on ends of Beams, breadth & thknss

Do. Angle on ditto

Do. Tie Plates fore & aft, outside Hatchways

Do. Diagonal Tie Plates on Bms. No. of Pairs

Do. Flat of Dk* Iron or Steel for

Do. Wood Material & thickness

Do. How fastened to Beams

Do. Lower Deck Stringer Plate, on ends of

Do. Beams, breadth and thickness

Do. Angle on ditto, No.

Do. Tie Plates, outside Hatchways

Do. Flat of Deck, Material and thickness

Do. How fastened to Beams

Do. Hold Stringer Plate, on ends of Beams

Do. Angle on ditto, No.

Do. Peep Deck Stringer Plate, breadth & thickness

Do. Angle on ditto

Do. Tie Plates

Do. Flat of Deck, Material and thickness

Do. Forecastle Deck Stringer Plate, brdth & thknss

Do. Angle on ditto

Do. Tie Plates

Do. Flat of Deck, Material and thickness

PLATING.

FLAT PLATE KEEL, breadth and thickness

Do. Jilling or inched thickness, & length appl.

PLATES in Garboard-Strakes, brd'th & thickness

Do. From Garboard to lower part of Bilges

Do. State Thickness of Plating in way of Double Bottom

Do. Bilges, number of Strakes and thickness

Do. On moulding at Bilge, or increased thickness,

Do. and length applied

Do. from up. part of Bilge to lr. edge of Sh'rstrake

Do. Sheerstrake, breadth and thickness

Do. On d'bling at Sh'stk. & lng. applied

Do. Peep Sides

Do. Raised Quarter Deck Sides

Do. Bridge Sides

Do. Forecastle Sides

Lengths of Plating

Inches in Ship, Inches in Ship, 20ths in Ship, Inches per Rule, Inches per Rule, 20ths per Rule

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* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

11280 gls

1st. On the several parts of the frame, when in place, and before the plating was wrought	1891. July 31, Aug 7, 25, 31, Sep 7, 3, 7, 15, 21
2nd. On the plating during the process of riveting	23, 24, 29, Oct 5, 9, 14, 19, 21, 29, Nov 3, 6, 9
3rd. When the beams were in and fastened, and before the decks were laid	12, 18, 25, 26, Dec 7, 10, 17, 21, 22, 29, 1892 Jan
4th. When the ship was complete, and before the plating was finally coated or cemented	11, 14, 19, 28, Feb 2
5th. After the ship was launched and equipped	

Date 30th June 1891 (M) 11th Nov 1891 (E) Total No. of Visits 35

State dates and initials of letters respecting this case 30th June 1891 (M) 11th Nov 1891 (E).

General Remarks (State quality of workmanship, &c.) Workmanship and materials good throughout.

This is a screw steamer built of steel in accordance with the approved midship section forwarded to London on the 23rd Jan last, the Secretary's letters of the above dates and sketches enclosed with this report. She has a raised quarter deck, shot bridge house and top gallant fore-castle.

The fore peak ballast tank was tested by water pressure prior to launching and proved satisfactory. The after peak compartment was filled with water and proved satisfactory.

Through damage the mizzen mast renewed and the after companion renewed.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. or Break 37.5 ft., Bridge Dk. 12.5 ft., F'castle 24.75 ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated the

Raised quarter deck and bridge house are combined.

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) one deck steel, not wood covered; one tier of beams.

Official No. 98694; Signal Letters

PARTICULARS OF WATER BALLAST.—

Double bottom, aft, length and water capacity in tons Double bottom, forward, length and water capacity in tons

Double bottom, under engines and boilers, length and water capacity in tons If under Engines only, or Boilers only, state which

Double bottom, constructed on the cellular system, length and water capacity in tons

Fore peak tank, water capacity in tons 13 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 has been tested as required by the Rules. (If necessary, furnish further information by sketch.)

How are the surfaces preserved from oxidation? Inside Cement (portland) and Paint Outside Paint

FREEBOARD assigned by the Committee, as per Secretary's Letter, dated 26th January 1892

In Summer	ft. <u>10 1/2</u> ins.	To top of Wood, Iron or Steel Upper Deck.
In Winter	ft. <u>11 1/2</u> ins.	
For Winter in North Atlantic	ft. <u>—</u> ins.	
Fresh Water above the centre of disc	<u>2</u> ins.	

State if marked on Vessel's sides in accordance with Notice No. 572 yes

The amount of Entry Fee..... £ 1 : : : is received by me, J.H.

Special ... £ 9 : 10 : : : 10/2/92 Certificate to be sent to Glasgow

Damage Certificate* £ — : : : 5/2/92

Travelling Expenses, if any £ : : : —

I am of opinion this Vessel should be Classed 100A.1 steel

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

Committee's Minute TUES 9 FEB 1892

Character assigned 100A.1 Steel

+ LMB 1/92

Larch

10k Steel

70% ve

well sh

It is submitted that this vessel appears eligible to be classed 100A.1 (Steel) as recommended.

10k (steel)

F.P.T. 13 tons

Well Deck

Hull Certificate Written.

