

With or Without

STEEL STEAMER.

Received at London Office 21 MAR 1917

Disconnected Erections.

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

Date of completion of report 19th March 1917 Port of Glasgow
Survey held at Dumbarton Date, First Survey 12th November 1914 Last Survey 13th March 1917

On the (State if Single, Twin, or Triple Screw)

S.S. CLAN RANALD

Rig Schooner

TONNAGE under

CLASS 100 A.1.

FEET.

Master

L. Openshaw

Year of appointment

(1) As Master in service of
owner of present vessel—191
(2) As Master of this
vessel—191

Do. between Tonnage Dk. and 3rd and 4th Dk.

Breadth (greatest moulded) 58.85

Total under Upper Dk. 5093.28

Depth, at middle of length from top of keel to top of upper deck beams at side 31.40

Do. of Poop 182.64

Transverse Number 85.25

Do. of Bridge House 128.48

Length on deck from fore part of stem to after part of stern post 408.2

Do. of Forecastle 71.98

Longitudinal Number 34799

Do. of excess of Hatchways 34.22

Depth "d," at middle of length (See Secs. 2 & 13) 18.99

Do. above Crown of Engine Room 22.95

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.0

Gross Tonnage 5508.40

" " Long Bridge Deck Beam at side to top of keel 10.5

Less Crew Space 222.68

Less above Crown of Engine Room 22.95

TONNAGE FOR FEES 5254.44

Less Engine Room 1761.09

Less Navigation Spaces 74.04

Register Tonnage 3445.59

Destined Voyage

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

| LENGTH on Deck as per Rule | Feet. | Inches. | BREADTH—Moulded | Feet. | Inches. | DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams | Feet. | Inches. | No. of Decks with flat laid |
|---|-------|---------|-----------------|--------|---------|--|---------------|---------|-----------------------------|
| 408 | 2 1/2 | | 58 | 10 1/2 | | 28 | 10 1/2 | | 2 |
| | | | | | | Do. | Do. | | No. of Tiers of Beams |
| | | | | | | | | | 2 |
| Moulded depth, ft. 38 ins. 11 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 1/2 ins. | | | | | | | | | |
| Moulded depth, ft. 31 ins. 5 To Upper Dk. | | | | | | | | | |
| Dimensions of Ship per Register, Length 409.1 breadth 54.0 depth 28.9 | | | | | | | | | |
| FRAMING. | | | | | | PILLARS. | | | |
| FRAME, Angles, or E or L Bars amidships | | | | | | PILLARS, In 'tween Deck, size and spacing | | | |
| Do. in peaks | 11 | 3 1/2 | 66 | 11 | 3 1/2 | " " | " " | " " | " " |
| Do. in way of Double Bottoms at Solid Floors | 8 | 3 1/2 | 44 | 8 | 3 1/2 | " " | " " | " " | " " |
| " " " " at intermdt. Bkts. | 8 | 3 1/2 | 44 | 8 | 3 1/2 | " " | " " | " " | " " |
| Spacing of Frames from centre to centre amidships | | 36 | | | 36 | " " | " " | " " | " " |
| " " " " from 1/2 length to Collision bulkhead | | 24 | | | 24 | " " | " " | " " | " " |
| " " " " in peaks | | 24 | | | 24 | " " | " " | " " | " " |
| REVERSED FRAME, Angles | | | | | | KEELSONS & STRINGERS. | | | |
| Do. in way of Double Bottoms at Solid Floors | 3 1/2 | 3 1/2 | 46 | 3 1/2 | 3 1/2 | CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate | | | |
| " " " " at intermdt. Bkts. | 8 | 3 | 40 | 8 | 3 | " Rider Plate | | | |
| FRAMING, depth of girder | | 11 | | | 11 | " Flat Plate Keel Angles | | | |
| FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships | | | | | | " Horizontal Plates on Floors | | | |
| " in way of Engine and Boiler Spaces | | | | | | " Angles or Bulb Angles | | | |
| " thickness at the ends of vessel | | | | | | SIDE KEELSONS, Number | | | |
| " depth at 1/2 the half breadth, as per Rule | | | | | | " Angles or Bulb Angles | | | |
| " height extended at the Bilges | | | | | | " Plate above floors for length | | | |
| FLOORS in Cell. Double Bottoms | | | | | | " Intercoastal Plate, for length | | | |
| " state if flanged (top & bottom) | | | | | | " Attached to outside Plating with Angle | | | |
| " Spacing of Solid floors | | 72 | | | 72 | BILGE KEELSON, Angles | | | |
| CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss. | | 44 | 52 | | 44 | " Intercoastal Plate for length | | | |
| " " Angles, Top | 4 1/2 | 4 1/2 | 60 | 4 1/2 | 4 1/2 | " Attached to outside Plating with Angle | | | |
| " " " Bottom | 4 1/2 | 4 1/2 | 60 | 4 1/2 | 4 1/2 | SIDE STRINGERS, Number | | | |
| " " " to Floors | 6 | 6 | 48 | 6 | 6 | " " Angle | | | |
| " Brackets at intermdt. frmg., wdth & thcknss | | 30 | 44 | | 30 | " Intercoastal Plate, for length | | | |
| SIDE GIRDERS, number on each side & thickness | | 2 | 40 | | 2 | " Attached to outside plating with Angle | | | |
| " " state if flanged (top and bottom) | | 70 | | | 70 | Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge) | 60 | 62 | 60 |
| " " Angles (top and bottom) | 3 1/2 | 3 1/2 | 42 | 3 1/2 | 3 1/2 | " " " " br'dth & thickness (in way of Bridge) | 60 | 48 | 60 |
| " " " to Floors | 3 | 3 | 40 | 3 | 3 | " " " " Angle (clear of Bridge) | 5 x 5 | 68 | 5 x 5 |
| MARGIN PLATE, depth (exclusive of flange) and thickness | | 40 1/2 | 52 | | 40 1/2 | " " " " Tie Plate at sides of Hatchways | | | |
| " " Angle to Outside Plating | 4 | 4 | 48 | 4 | 4 | " Deck, * Iron or Steel, for full lng. | | | |
| " " " Floors | 6 | 6 | 48 | 6 | 6 | " " Thickness (clear of Bridge) | | 50 | |
| " Brackets at intermdt. frmg., wdth & thcknss | | 80 | 44 | | 80 | " " (in way of Bridge) | | 42 | |
| INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake | | 45 | 52 | | 44 | " Wood Deck, Material & thickness | | | |
| " " " in Engine and Boiler space | | 46 | 40 | | 46 | Second Deck Stringer Plate, br'dth & thickness | 66 | 46 | 66 |
| " " " Remainder in Holds | | 46 | 40 | | 46 | " Angles on ditto, No. | 3 1/2 x 3 1/2 | 48 | 3 1/2 x 3 1/2 |
| BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel | 9 | 3 | 44 | 9 | 3 | " Tie Plates outside Hatchways | | | |
| " " In way of Long Bridge | | 36 | | | 36 | " Deck, * Material and thickness | | | |
| " " Spacing | | 36 | | | 36 | Fourth and Fifth Deck Stringer Plate, breadth & thickness | | | |
| BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel | 9 1/2 | 3 1/2 | 50 | 9 1/2 | 3 1/2 | " " Angles on ditto, No. | | | |
| " " Spacing | | 36 | | | 36 | " " Tie Plates outside Hatchways | | | |
| BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel | | | | | | " " Deck, Material & thickness | | | |
| " " Angles on upper edge | | | | | | Poop Deck Stringer Plate, breadth & thickness | 35 | 36 | 35 |
| " " Spacing | | | | | | " Angle on ditto | 3 1/2 x 3 1/2 | 36 | 3 1/2 x 3 1/2 |
| BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | 7 | 3 | 40 | 7 | 3 | " Tie Plates | | | |
| " " Angles on upper edge | | | | | | " Deck, Material and thickness | | 26 | |
| " " Spacing | | 36 | | | 36 | Bridge Deck Stringer Plate, br'dth & thickness | 56 | 56 | 56 |
| BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | 8 | 3 | 46 | 8 | 3 | " Angle on ditto | 5 x 5 | 60 | 5 x 5 |
| " " Angles on upper edge | | | | | | " Tie Plates | | | |
| " " Spacing | | 36 | | | 36 | " Deck, Material and thickness | | 44 | |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | 9 1/2 | 3 1/2 | 56 | 9 1/2 | 3 1/2 | Forecastle Deck Stringer Plate, br'dth & th'kns | 35 | 36 | 35 |
| " " Angles on upper edge | | | | | | " Angle on ditto | 3 1/2 x 3 1/2 | 36 | 3 1/2 x 3 1/2 |
| " " Spacing | | 36 | | | 36 | " Tie Plates | | | |
| " " " " " " | | 24 x 24 | | | 24 x 24 | " Deck, Material and thickness | P. Pl. | 3 | 3 |

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

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 48.8 ft., R.Q.D. ☒ ft., Bridge 120.0 ft., Forecastle 41.25 (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

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 should appear in the Register Book) 3 Steel

Official No. 134833

; Signal Letters

State if Machinery is fitted aft

No

How are the surfaces preserved from oxidation? Inside

Paint & Cement

Outside Paint & Composition

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system with girders on floor Yes

| Where Fitted. | *Length. Feet. | Water Capacity. Tons. | Where Fitted. | *Length. Feet. | Water Capacity. Tons. |
|---|-------------------------------------|-------------------------------------|--|-------------------------------------|-------------------------------------|
| Double bottom, aft, | <u>132.0</u> | <u>415</u> | Fore peak tank, | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Double bottom, under Engines and Boilers, | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | After peak tank, | <u>10.0</u> | <u>45</u> |
| Double bottom, if under Engines only, | <u>21.0</u> | <u>90</u> | Deep tank, aft, | <u>36.0</u> | <u>1075</u> |
| Double bottom, if under Boilers only, <u>By Lark</u> | <u>18</u> | <input checked="" type="checkbox"/> | Deep tank, forward, | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Double bottom, forward, | <u>183.8</u> | <u>555</u> | Other tanks, if fitted, | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Total capacity of double bottom | | <u>1060</u> | (If necessary, furnish further information by sketch.) | | |

N.Y. Dry Dock under Boilers tested as per Rule

State whether the above have been tested as required by the Rules. Yes

Order for Special Survey No. 4881

Date 17/12/14.

No. 199 in builder's yard.

DATES of Surveys held while building

1914 Nov 2, 24, 30. Dec 2, 7, 9, 16, 18, 21, 1915 Jan 6, 11, 15, 18, 20, 25 Feb 1, 3, 8, 10, 13, 22, 24, 26. Feb 1, 3, 5, 8, 11, 16, 22, 26, 29. Apr 2, 7, 9, 19, 23, 25 July 13. Oct 5, 1916 Apr 26. May 22. June 4, 8. July 6, 14, 20, 26. Aug 6, 1, 9, 14, 17, 30. Sept 14, 21, 24, 27, 29. Nov 7, 9, 10, 11, 15, 17, 20, 22, 24, 25, 27, 28. 1917 Jan 31. Feb 2, 5, 7, 14, 16, 19, 20, 21, 23, 26, 28. Feb 2, 3, 12, 13.

Total No. of Visits 105

Surveyor's Signature

for N. Watt & self