

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office. 10 DEC. 1920

Date of completion of report 21st Dec. 1920. Port of GLASGOW.  
Survey held at Ayr and Troon. Date, First Survey 16.1.20. Last Survey 16th Dec. 1920

On the (State if Single, Twin, or Triple Screw) Single Sc. 3 Mast. Steamer. "CLARA MONKS". Rig 74. A. Schooner.

TONNAGE under 404.72 CLASS +100A1. Master R. HUGHES.

Tonnage Deck 404.72 Breadth (greatest moulded) 26.00 Year of appointment (1) As Master in service of owner of present vessel: 1920 (2) As Master of this vessel: 1920

Do. between Tonnage Dk. and 3rd and 4th Dk. 404.72 Depth, at middle of length from top of keel to top of upper deck beams at side 13.00

Total under Upper Dk. 404.72 Transverse Number 39.00

Do. of Poop 73.81 Length on deck from fore part of stem to after part of stern post 170.00

Do. of P.Q. Dk. 13.10 Longitudinal Number 6630

Do. of Bridge House 14.31 Depth "d," at middle of length (See Secs. 2 & 13) 11.54

Do. of Houses on Dk. 22.56 Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.07

Do. of excess of Hatchways 25.55 Gross Tonnage 577.44

Do. above Crown of Engine Room 265.18 Less Crew Space 38.45

Do. of Forecastle 19.39 Less above Crown of Engine Room 25.55

Do. of Houses on Dk. 14.31 Tonnage for Fees 513.44

Do. of excess of Hatchways 22.56 Less Engine Room 265.18

Do. above Crown of Engine Room 25.55 Less Navigation Spaces 42.06

Register Tonnage (as cut on Beam) 231.80 Destined Voyage Coaching. If Surveyed while Building, Afloat, or in Dry Dock Yes.

LENGTH on Deck as per Rule 170 0 BREADTH Moulded 26 0 DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 12 0 Do. do. do. do. 13 0 No. of Decks with flat laid 6 No. of Tiers of Beams 6

Dimensions of Ship per Register, Length 170.2 breadth 26.18 depth 12.0 Moulded depth, ft. 16 ins. 7 To 2nd Dk. Round of Upper Dk. Beam, Actual 6 1/2 ins. Moulded depth, ft. 13 ins. 0 To Upper Dk.

| FRAMING.   |                 |                 |                                 | PILLARS.                                      |                 |                 |                                 |
|--|-----------------|-----------------|---------------------------------|---|-----------------|-----------------|---------------------------------|
| FRAME, Angles, or C or L Bars amidships                                | Inches in Ship. | Inches in Ship. | Inches per Rule Or as Approved. | PILLARS In Deck, size and spacing             | Inches in Ship. | Inches in Ship. | Inches per Rule Or as Approved. |
| Do. in peaks   | 4 1/2           | 3               | 46                              | " Hold (cr. line hds. amid.)                  | 2 1/8 dia.      | 4 3/8           | 43                              |
| Do. in way of Double Bottoms at Solid Floors                           | 4 1/2           | 3               | 36                              | " Quarter 'tween Dks.,                        | Deep 3 1/2      | Deep 3 1/2      | Deep 3 1/2                      |
| " at intermdt. Bkts.   | 4 1/2           | 3               | 36                              | " in Hold                                     | Deep 3 1/2      | Deep 3 1/2      | Deep 3 1/2                      |
| Spacing of Frames from centre to centre amidships                      | 2 1/2           | 2 1/2           | 2 1/2                           | KEELSONS & STRINGERS.                         |                 |                 |                                 |
| " length to Collision bulkhead   | 2 1/2           | 2 1/2           | 2 1/2                           | CENTRE LINE KEELSON, Vertical Plate above     | 23 1/2          | 34              | 30                              |
| " in peaks   | 2 1/2           | 2 1/2           | 2 1/2                           | do. Through Plate, or Intercoastal Plate      | 23 1/2          | 34              | 30                              |
| REVERSED FRAME, Angles, or L Bars                                      | 3               | 3               | 30                              | " Rider Plate                                 | ✓               | ✓               | ✓                               |
| Do. in way of Double Bottoms at Solid Floors                           | 3               | 3               | 28                              | " Flat Plate Keel Angles                      | ✓               | ✓               | ✓                               |
| " at intermdt. Bkts.   | 3               | 3               | 28                              | " Horizontal Plates on Floors                 | ✓               | ✓               | ✓                               |
| FRAMING, depth of girder   | 4 1/2           | 4 1/2           | 4 1/2                           | " Angle Bulb Angles                           | 6               | 3               | 40                              |
| FLOORS, depth and thickness of Floor Plate                             | 17 1/2          | 34              | 17 1/2                          | SIDE KEELSONS, Number                         | 5               | 3               | 40                              |
| at mid-line for 1/2 length amidships                                   | E-40 B-44       | E-34 B-40       | ✓                               | " Angles or Bulb Angles                       | Single          | 5               | 3                               |
| in way of Engine and Boiler Spaces                                     | A-26 F-30       | A-26 F-30       | ✓                               | " Plate above floors, for                     | whole           | ✓               | ✓                               |
| thickness at the ends of vessel  | Shraight across | Shraight across | ✓                               | " Intercoastal Plate, for                     | whole           | ✓               | ✓                               |
| depth at 1/2 the half breadth, as per Rule                             | ✓               | ✓               | ✓                               | " Attached to outside Plating with Angle      | Flanged         | 3               | 30                              |
| height extended at the Bilges  | ✓               | ✓               | ✓                               | BILGE KEELSON, Angles                         | 3               | 3               | 30                              |
| FLOORS in Cell. Double Bottoms   | ✓               | ✓               | ✓                               | " Intercoastal Plate for                      | length          | ✓               | ✓                               |
| state if flanged (top & bottom)  | ✓               | ✓               | ✓                               | " Attached to outside Plating with Angle      | ✓               | ✓               | ✓                               |
| Spacing of Solid floors  | ✓               | ✓               | ✓                               | SIDE STRINGERS, Number                        | ✓               | ✓               | ✓                               |
| CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.                        | ✓               | ✓               | ✓                               | " Angle                                       | ✓               | ✓               | ✓                               |
| Angles, Top  | ✓               | ✓               | ✓                               | " Intercoastal Plate, for                     | length          | ✓               | ✓                               |
| " Bottom   | ✓               | ✓               | ✓                               | " Attached to outside plating with Angle      | ✓               | ✓               | ✓                               |
| " to Floors  | ✓               | ✓               | ✓                               | Upper Deck Stringer Plate, br'dth & thickness | 54" x 40" x 3/8 | 54" x 40" x 3/8 | 30                              |
| Brackets at intermdt. frmg., wdth & thcknss                            | ✓               | ✓               | ✓                               | " " " " " " " "                               | 3 1/2 x 3 1/2   | 3 1/2 x 3 1/2   | 42                              |
| SIDE GIRDERS, number on each side & thickness                          | 5               | 3               | 30                              | " " " " " " " "                               | 40              | 40              | 30                              |
| state if flanged (top and bottom)                                      | ✓               | ✓               | ✓                               | " " " " " " " "                               | 40              | 40              | 30                              |
| Angles (top and bottom)  | ✓               | ✓               | ✓                               | " " " " " " " "                               | 40              | 40              | 30                              |
| " to Floors  | ✓               | ✓               | ✓                               | " " " " " " " "                               | 40              | 40              | 30                              |
| MARGIN PLATE, depth (exclusive of flange)                              | ✓               | ✓               | ✓                               | " " " " " " " "                               | 40              | 40              | 30                              |
| and thickness  | ✓               | ✓               | ✓                               | " " " " " " " "                               | 40              | 40              | 30                              |
| Angle to Outside Plating   | ✓               | ✓               | ✓                               | " " " " " " " "                               | 40              | 40              | 30                              |
| " Floors   | ✓               | ✓               | ✓                               | " " " " " " " "                               | 40              | 40              | 30                              |
| Brackets at intermdt. frmg., wdth & thcknss                            | ✓               | ✓               | ✓                               | " " " " " " " "                               | 40              | 40              | 30                              |
| Height of Outside Brackets above at bilge                              | ✓               | ✓               | ✓                               | " " " " " " " "                               | 40              | 40              | 30                              |
| INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake      | ✓               | ✓               | ✓                               | " " " " " " " "                               | 40              | 40              | 30                              |
| in Engine and Boiler space   | ✓               | ✓               | ✓                               | " " " " " " " "                               | 40              | 40              | 30                              |
| Remainder in Holds   | ✓               | ✓               | ✓                               | " " " " " " " "                               | 40              | 40              | 30                              |
| BEAMS, Upper Deck, Single Angle, Bulb                                  | 5               | 3               | 30                              | " " " " " " " "                               | 40              | 40              | 30                              |
| Angle, Plate, Tee Bulb, or Channel                                     | 5               | 3               | 30                              | " " " " " " " "                               | 40              | 40              | 30                              |
| In way of Long Bridge  | 5               | 3               | 30                              | " " " " " " " "                               | 40              | 40              | 30                              |
| Spacing  | 2 1/2           | 2 1/2           | 2 1/2                           | " " " " " " " "                               | 40              | 40              | 30                              |
| BEAMS, Second Deck, Single Angle, Bulb                                 | 5               | 3               | 30                              | " " " " " " " "                               | 40              | 40              | 30                              |
| Angle, Plate, Tee Bulb, or Channel                                     | 5               | 3               | 30                              | " " " " " " " "                               | 40              | 40              | 30                              |
| Spacing  | 2 1/2           | 2 1/2           | 2 1/2                           | " " " " " " " "                               | 40              | 40              | 30                              |
| BEAMS, Third and Fourth Deck, Single Angle, Bulb                       | 5               | 3               | 30                              | " " " " " " " "                               | 40              | 40              | 30                              |
| Angle, Plate, Tee Bulb, or Channel                                     | 5               | 3               | 30                              | " " " " " " " "                               | 40              | 40              | 30                              |
| Angles on upper edge   | 5               | 3               | 30                              | " " " " " " " "                               | 40              | 40              | 30                              |
| Spacing  | 2 1/2           | 2 1/2           | 2 1/2                           | " " " " " " " "                               | 40              | 40              | 30                              |
| BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel       | 5               | 3               | 30                              | " " " " " " " "                               | 40              | 40              | 30                              |
| Angles on upper edge   | 5               | 3               | 30                              | " " " " " " " "                               | 40              | 40              | 30                              |
| Spacing  | 2 1/2           | 2 1/2           | 2 1/2                           | " " " " " " " "                               | 40              | 40              | 30                              |
| BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel     | 5               | 3               | 30                              | " " " " " " " "                               | 40              | 40              | 30                              |
| Angles on upper edge   | 5               | 3               | 30                              | " " " " " " " "                               | 40              | 40              | 30                              |
| Spacing  | 2 1/2           | 2 1/2           | 2 1/2                           | " " " " " " " "                               | 40              | 40              | 30                              |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | 5               | 3               | 30                              | " " " " " " " "                               | 40              | 40              | 30                              |
| Angles on upper edge   | 5               | 3               | 30                              | " " " " " " " "                               | 40              | 40              | 30                              |
| Spacing  | 2 1/2           | 2 1/2           | 2 1/2                           | " " " " " " " "                               | 40              | 40              | 30                              |

1800-003012-0081







GENERAL REMARKS—(continued).

In my opinion this vessel is eligible for classification as recommended in this report, Subject to a Power Anchor of not less weight than stated, being supplied, and verified with the certificate of test.

*Pb*

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 93.66 ft., Bridge 11.5 ft., Forecastle 28.6 ft. (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) 1. Sk. (sk.)

Official No. 143703; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft *Machy. aft.*  
How are the surfaces preserved from oxidation? Inside *Cement and paint.* Outside *Paint.*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *Ordinary floors.*

| Where Fitted.                             | Length.                             | Water Capacity.                     | Where Fitted.  | Length.                             | Water Capacity.                     |
|---|-------------------------------------|-------------------------------------|--|-------------------------------------|-------------------------------------|
|   | Feet.                               | Tons.                               |  | Feet.                               | Tons.                               |
| Double bottom, aft,                       | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Fore peak tank,  | 27-9"                               | 65                                  |
| Double bottom, under Engines and Boilers, | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | After peak tank,                                       | 10-9                                | 30                                  |
| Double bottom, if under Engines only,     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Deep tank, aft,  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Double bottom, if under Boilers only,     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Deep tank, forward,                                    | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Double bottom, forward,                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Other tanks, if fitted,                                | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Total capacity of double bottom           |                                     | <input checked="" type="checkbox"/> | (If necessary, furnish further information by sketch.) |                                     | <input checked="" type="checkbox"/> |

\* The wells are not to be included in the lengths of the tanks.

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

Order for Special Survey No. *5358*

Date *24.3.20.*

No. *376.* in builder's yard.

DAYS OF SURVEYS held while building

*1920. Jan 16. 20. 27. Feb 7. 19. Mar 1. 8. 24. 29. Apr 2. 14. 20. 30. May 5. 12. 14. 17. 21. 25. June 4. 8. 16. 22. 29. July 7. 12. Aug 2. 16. 23. Sept 1. 13. 22. 29. Oct 1. 5. 8. 12. 18. 27. 29. Nov 5. 9. 17. 26. 30. Dec 7. 10. 14. 16.*

Total No. of Visits *50.*

Surveyor's Signature

*Robt. Cheetham.*

Lloyd's Register Foundation