

# With or Without Disconnected Erections.

## STEEL STEAMER.

TUE. 6 DEC. 1921

Received at London Office

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

yes

Date of completion of report

Port of **NEWCASTLE ON TYNE**

No. **75010**

Survey held at **South Shields**

Date, First Survey **28<sup>th</sup> Nov 1919**

Last Survey **26<sup>th</sup> Nov 1921**

1921

On the (State if Single, Twin, or Triple Screw) **Motor Driven Steel & ARRAN FIRTH**

Rig **Schooner**

TONNAGE under 242.18

CLASS **100 A.1**

FEET.

Master

Year of appointment

(1) As Master in service of owner of present vessel: 19  
(2) As Master of this vessel: 19

Built at **South Shields**

When built **1921** Launched Aug 4<sup>th</sup> 1921

By whom built **Hepple (1919) Ltd**

Owners **Kerrum & Sh 6<sup>th</sup> St**

Managers **J. T. Gillie & Co**

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

Residence **68 of Clyde St Glasgow**

Port belonging to **Glasgow**

|                                 |        |
|---------------------------------|--------|
| Do. of Poop                     | 26.35  |
| Do. of R.Q.Dk.                  | 10.96  |
| Do. of Forecastle               | 13.85  |
| Do. of Houses on Dk.            | 10.74  |
| Do. of excess of Hatchways      | 23.22  |
| Do. above Crown of Engine Room  | 18.23  |
| Gross Tonnage                   | 345.53 |
| Less Crew Space                 | 29.41  |
| Less above Crown of Engine Room | ✓      |
| TONNAGE FOR FEES..              |        |
| Eng. Room                       | 141.47 |
| Navigation Spaces               | 27.44  |
| Ballast                         |        |
| Register Tonnage                | 147.21 |
| Net on Beam                     |        |

|  |   |
|--|---|
| Breadth (greatest moulded)   | 23.25                                     |
| Depth, at middle of length from top of keel to top of upper deck beams at side | 10.50                                     |
| Transverse Number  | 33.75                                     |
| Length on deck from fore part of stem to after part of stern post              | 138.50                                    |
| Longitudinal Number  | 4674.37                                   |
| Depth "d," at middle of length (See Secs. 2 & 13)                              | 9.5 + 12.7 = 22.2                         |
| Proportions—Depths to Length—Upper Deck Beam at side to top of keel            | 13.19 M <sup>2</sup> 10.16 R <sup>2</sup> |
| Long Bridge Deck Beam at side to top of keel                                   | ✓   |

Destined Voyage **coasting** If Surveyed while Building, Afloat, or in Dry Dock

Building afloat & in drydock

|                                    |  |              |              |                          |  |             |              |   |  |  |  |             |              |  |
|------------------------------------|--|--------------|--------------|--------------------------|--|-------------|--------------|---|--|--|--|-------------|--------------|--|
| LENGTH on Deck<br>as per Rule .... |  | Feet.<br>138 | Inches.<br>6 | BREADTH—<br>Moulded .... |  | Feet.<br>23 | Inches.<br>3 | DEPTH, ACTUAL—Top of Floors to top of <sup>Main</sup> Upper Dk. Beams<br>Do. do. do. do. Second Dk. Beams |  |  |  | Feet.<br>10 | Inches.<br>0 | No. of Decks with flat laid <u>one</u><br>No. of Tiers of Beams <u>one</u> |
|------------------------------------|--|--------------|--------------|--------------------------|--|-------------|--------------|---|--|--|--|-------------|--------------|--|

Moulded depth, ft. 17 ins. 6 To Bridge Dk. Round of Upper } 6 ins.  
To Upper Dk. Dk. Beam, Actual }

| FRAMING.  |       |       |    |                       |       | PILLARS.                                 |    |       |    |  |  |
|---|-------|-------|----|-----------------------|-------|--|----|-------|----|--|--|
| NAME, Angles, Bars amidships  |       |       |    |                       |       | PILLARS In 'tween Deck, size and spacing |    |       |    |  |  |
| Do. in peaks  | 4     | 2 1/2 | 30 | 4                     | 2 1/2 | 2 1/2                                    | 42 | 2 1/2 | 42 |  |  |
| Do. in way of Double Bottoms at Solid Floors  | 4     | 2 1/2 | 32 | 4                     | 2 1/2 | 2 1/2                                    | 42 | 2 1/2 | 63 |  |  |
| at intermdt. Bkts.  |       |       |    |                       |       |  |    |       |    |  |  |
| Spacing of Frames from centre to centre amidships                                   | 21    |       |    | 21                    |       |  |    |       |    |  |  |
| length to Collision bulkhead  | 21    |       |    | 21                    |       |  |    |       |    |  |  |
| in peaks  | 21    |       |    | 21                    |       |  |    |       |    |  |  |
| REVERSED FRAME, Angles  | 5     | 3     | 40 | 5                     | 3     |  |    |       |    |  |  |
| Do. in way of Double Bottoms at Solid Floors  | 23    | 2 1/2 | 24 | 2 1/2                 | 24    |  |    |       |    |  |  |
| at intermdt. Bkts.  |       |       |    |                       |       |  |    |       |    |  |  |
| FRAMING, depth of girder  | 4     | BA    |    | 4                     | BA    |  |    |       |    |  |  |
| FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships     | 12    | 28    | 26 | 12                    | 28    |  |    |       |    |  |  |
| in way of Engine and Boiler Spaces  |       | 34    |    | Engines               | 34    |  |    |       |    |  |  |
| thickness at the ends of vessel   |       | 26    |    |                       | 26    |  |    |       |    |  |  |
| depth at 1/2 the half breadth, as per Rule  |       |       |    | beam                  |       |  |    |       |    |  |  |
| height extended at the Bilges   |       |       |    | 5 R <sup>2</sup> ucts |       |  |    |       |    |  |  |
| FLOORS in Cell, Double Bottoms  |       |       |    |                       |       |  |    |       |    |  |  |
| state if flanged (top & bottom)   |       |       |    |                       |       |  |    |       |    |  |  |
| Spacing of Solid floors   |       |       |    |                       |       |  |    |       |    |  |  |
| CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.                                     |       |       |    |                       |       |  |    |       |    |  |  |
| Angles, Top   |       |       |    |                       |       |  |    |       |    |  |  |
| Bottom  |       |       |    |                       |       |  |    |       |    |  |  |
| to Floors   |       |       |    |                       |       |  |    |       |    |  |  |
| Brackets at intermdt. frmg., wdth & thkns   |       |       |    |                       |       |  |    |       |    |  |  |
| SIDE GIRDERS, number on each side & thickness                                       |       |       |    |                       |       |  |    |       |    |  |  |
| state if flanged (top and bottom)   |       |       |    |                       |       |  |    |       |    |  |  |
| Angles (top and bottom)   |       |       |    |                       |       |  |    |       |    |  |  |
| to Floors   |       |       |    |                       |       |  |    |       |    |  |  |
| MARGIN PLATE, depth (exclusive of flange) and thickness                             |       |       |    |                       |       |  |    |       |    |  |  |
| Angle to Outside Plating  |       |       |    |                       |       |  |    |       |    |  |  |
| Floors  |       |       |    |                       |       |  |    |       |    |  |  |
| Brackets at intermdt. frmg., wdth & thkns   |       |       |    |                       |       |  |    |       |    |  |  |
| Height of Outside Brackets above at bilge   |       |       |    |                       |       |  |    |       |    |  |  |
| INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake                   |       |       |    |                       |       |  |    |       |    |  |  |
| in Engine and Boiler space  |       |       |    |                       |       |  |    |       |    |  |  |
| Remainder in Holds  |       |       |    |                       |       |  |    |       |    |  |  |
| BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel            | 4 1/2 | 3     | 30 | 4 1/2                 | 3     | 30                                       |    |       |    |  |  |
| In way of Long Bridge   | 3 1/2 | 2 1/2 | 30 | 3 1/2                 | 2 1/2 | 30                                       |    |       |    |  |  |
| Spacing   | 21    |       |    | 21                    |       |  |    |       |    |  |  |
| BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel           | 4 1/2 | 3     | 30 | 4 1/2                 | 3     | 30                                       |    |       |    |  |  |
| Spacing   | 21    |       |    | 21                    |       |  |    |       |    |  |  |
| BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel |       |       |    |                       |       |  |    |       |    |  |  |
| Angles on upper edge  |       |       |    |                       |       |  |    |       |    |  |  |
| Spacing   |       |       |    |                       |       |  |    |       |    |  |  |
| BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel                    | 5 1/2 | 3     | 32 | 5 1/2                 | 3     | 32                                       |    |       |    |  |  |
| Angles on upper edge  |       |       |    |                       |       |  |    |       |    |  |  |
| Spacing   |       |       |    |                       |       |  |    |       |    |  |  |
| BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel                  | 4     | 3     | 30 | 4                     | 3     | 30                                       |    |       |    |  |  |
| Angles on upper edge  |       |       |    |                       |       |  |    |       |    |  |  |
| Spacing   |       |       |    |                       |       |  |    |       |    |  |  |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel              | 5 1/2 | 3     | 34 | 5 1/2                 | 3     | 34                                       |    |       |    |  |  |
| Angles on upper edge  |       |       |    |                       |       |  |    |       |    |  |  |
| Spacing   |       |       |    |                       |       |  |    |       |    |  |  |
| Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)                     | 47    | 46    | 28 | 47                    | 46    | 28                                       |    |       |    |  |  |
| br'dth & thickness (in way of Bridge)   | 3     | 3     | 28 | 3                     | 3     | 28                                       |    |       |    |  |  |
| Angle (clear of Bridge)   | 30    |       |    | 30                    |       |  |    |       |    |  |  |
| Tie Plate at sides of Hatchways   | 30    |       |    | 30                    |       |  |    |       |    |  |  |
| Deck, Iron or Steel, for lng.   | 30    |       |    | 30                    |       |  |    |       |    |  |  |
| Thickness (clear of Bridge)   |       |       |    |                       |       |  |    |       |    |  |  |
| (in way of Bridge)  |       |       |    |                       |       |  |    |       |    |  |  |
| Wood Deck, Material & thickness   | 56    | 32    | 28 | 56                    | 32    | 28                                       |    |       |    |  |  |
| Second Deck Stringer Plate, br'dth & thickness                                      | 3     | 3     | 34 | 3                     | 3     | 34                                       |    |       |    |  |  |
| Angles on ditto, No.  |       |       |    |                       |       |  |    |       |    |  |  |
| Tie Plates outside Hatchways  |       |       |    |                       |       |  |    |       |    |  |  |
| Deck, Iron or Steel, for lng.   |       |       |    |                       |       |  |    |       |    |  |  |
| Wood Deck, Material & thickness   |       |       |    |                       |       |  |    |       |    |  |  |
| Third Deck Stringer Plate, br'dth & thickness                                       |       |       |    |                       |       |  |    |       |    |  |  |
| Angles on ditto, No.  |       |       |    |                       |       |  |    |       |    |  |  |
| Tie Plates, outside Hatchways   |       |       |    |                       |       |  |    |       |    |  |  |
| Deck, Material and thickness  |       |       |    |                       |       |  |    |       |    |  |  |
| Fourth and Fifth Deck Stringer Plate, breadth & thickness                           |       |       |    |                       |       |  |    |       |    |  |  |
| Angles on ditto, No.  |       |       |    |                       |       |  |    |       |    |  |  |
| Tie Plates outside Hatchways  |       |       |    |                       |       |  |    |       |    |  |  |
| Deck, Material & thickness  |       |       |    |                       |       |  |    |       |    |  |  |
| Poop Deck Stringer Plate, breadth & thickness                                       |       |       |    |                       |       |  |    |       |    |  |  |
| Angle on ditto  |       |       |    |                       |       |  |    |       |    |  |  |
| Tie Plates  |       |       |    |                       |       |  |    |       |    |  |  |
| Deck, Material and thickness  |       |       |    |                       |       |  |    |       |    |  |  |
| Bridge Deck Stringer Plate, br'dth & thickness                                      | 25    | 25    |    | 25                    | 25    |  |    |       |    |  |  |
| Angle on ditto  | 3     | 3     | 30 | 3                     | 3     | 30                                       |    |       |    |  |  |
| Tie Plates  | 9     | 25    |    | 9                     | 25    |  |    |       |    |  |  |
| Deck, Material and thickness  | 2 1/2 | P.P.  |    | 2 1/2                 | P.P.  |  |    |       |    |  |  |
| Forecastle Deck Stringer Plate, br'dth & th'kns                                     | 14    | 25    |    | 14                    | 24    |  |    |       |    |  |  |
| Angle on ditto  | 3     | 3     | 30 | 3                     | 3     | 30                                       |    |       |    |  |  |
| Tie Plates  | 9     | 30    |    | 9                     | 30    |  |    |       |    |  |  |
| Deck, Material and thickness  | 2 1/2 | P.P.  |    | 2 1/2                 | P.P.  |  |    |       |    |  |  |

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



Form No. 1A.

*The Survivors are requested not to write on or*



GENERAL REMARKS—(continued).

note Web frame in Engine Room omitted as per Secretary letter dated Feb 11th 1921.  
as compensation reversed angles 5x3x.38" fitted on frames 11, 14 + 18 with a strong beam on frame 14.—

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 42'-0" ft., Bridge 8'-9" ft., Forecastle 21'-3" ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated yes RAD joined to bridge

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 One tier of beams

Official No. 146262; Signal Letters K.L.C.S. State if Machinery is fitted aft yes

How are the surfaces preserved from oxidation? Inside paint Outside paint

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

| Where Fitted.                             | *Length.<br>Feet.               | Water Capacity.<br>Tons. | Where Fitted.  | *Length.<br>Feet. | Water Capacity.<br>Tons. |
|---|---------------------------------|--------------------------|--|-------------------|--------------------------|
| Double bottom, aft,                       |                                 |                          | Fore peak tank,  | <del>118</del>    | 45-9.                    |
| Double bottom, under Engines and Boilers, |                                 |                          | After peak tank,                                       |                   | 12-T.                    |
| Double bottom, if under Engines only,     |                                 |                          | Deep tank, aft,  |                   |                          |
| Double bottom, if under Boilers only,     |                                 |                          | Deep tank, forward,                                    |                   |                          |
| Double bottom, forward,                   |                                 |                          | Other tanks, if fitted,                                |                   | 57 T.                    |
|   | Total capacity of double bottom |                          | (If necessary, furnish further information by sketch.) |                   |                          |

\* 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

Order for Special Survey No. 4882

Date 19.2.20

No. 657 in builder's yard.

DATES of Surveys held while building

1919 Nov. 28. Dec. 12. Jan. 27. 28. 29. Feb. 4. 8. 15. Mar. 5. 17. 21. 23. 30. Apr. 7. 14. 15. 18. 20. 27. 29. May 4. 11. 13. Jun. 3. 6. 28. Jul. 1. 5. 6. 12. 21. Aug. 3. 8. 10. 12. 18. 19. 26. 31. Sep. 6. 16. 18. 20. 21. 25. Oct. 18. 20. 25. 31. Nov. 1. 28. 26.

Total No. of Visits 52

Surveyor's Signature Norman Kirkley