

## STEEL STEAMER or MOTORSHIP.

Received at London Office

DEC 1927

State if Report has been sent on the Freeboard of the Vessel YESState if Report is sent on the Machinery of the Vessel YESDate of completion of report 9<sup>th</sup> December 1927 Port of Grunwick No. 18811Survey held at Port Glasgow Date First Survey 24<sup>th</sup> June 1927 Last Survey 9<sup>th</sup> December 1927On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Twin S. Ferry Steamer "MIMIE"State Type (Full scantling, Complete Superstructure with or without Tonnage Openings) ✓ State Type of Erections Open BridgeTONNAGE under Tonnage Deck... 430.32 CLASS AL. FERRY State if with freeboard as condition of Class ✓ Built at Port GlasgowDo. of space or spaces between Tonnage Dk. and Upper Dk. ✓ Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 145 Launched 29<sup>th</sup> Nov. 1927 Yard No. 286Total 430.32 Breadth (greatest moulded) B 19 Builders Argue Bros (Port Glasgow)Gross Tonnage 464.87 Depth at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 12 Owners London, Midland & Scottish Rail.Register Tonnage 184.84 1st Longitudinal Number (L x D) = 1740 Managers ✓ (Where necessary to be entered in Reg. Book.)REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See Sec. 3 (1d) 10.75 Residence London, N.W.1.Length 145.3 Proportions—Depth to Length—Uppermost continuous deck to top of keel 12.10 Port of Registry LondonBreadth 19.1 Draught Moulded (Actual) 6.06 If surveyed while building, afloat, or in dry dock while Building & afloat.Depth 11.25

## FRAMES, DOUBLE BOTTOM AND BEAMS.

|  | INCHES IN SHIP.                                | Any Departure from Approved Plans to be Noted. |  | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. |
|--|--|--|--|-----------------|--|
| FRAMES, Spacing amidships  | 21 1/2   | ✓  | Bracket Floors, Frame  |                 |  |
| " " from 1/4 length to Collision bulkhead                                | 21 1/2   | ✓  | " " Reversed Frame   |                 |  |
| " " in peaks   | 21 1/2   | ✓  | " " Vertical Struts  |                 |  |
| SIDE FRAMING.  |  |  | Centre Girder, depth and thickness amidships   |                 |  |
| Frame Amidships, Angle, <u>E or F</u>                                    | 4 1/2 3 28                                     | ✓  | " " top Angles   |                 |  |
| " " Extends up to  | DECK   | ✓  | " " bottom Angles  |                 |  |
| Reversed Frame Amidships, Angle  | 2 1/2 2 1/2 28                                 | ✓  | Side Girders, No. each side and thickness  |                 |  |
| " " Extends up to  | ACROSS FLOOR TOP ONLY                          | ✓  | Margin Plate depth (excl. of flange) and thickness   |                 |  |
| Depth of Framing Girder  |  |  | " " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem   |                 |  |
| Frames in Uppermost Continuous 'tween Decks, Angle, <u>E or F</u>        | 3 1/2 3 25                                     | ✓  | " " Vertical Angle to Tank side Bracket forward 1/4 len. from stem   |                 |  |
| " " Second 'tween Decks, Angle, <u>E or F</u>                            |  |  | " " Gussets, spacing and scantling abaft 1/4 len. from stem  |                 |  |
| " " Third " " " " "  |  |  | " " Gussets, spacing and scantling forward 1/4 len. from stem  |                 |  |
| Framing in Peaks, Angle <u>E or F</u>                                    | 4 2 1/2 30                                     | ✓  | Tank Side Brackets, height above base line at toe of Frame and thickness   |                 |  |
| Diameter and Spacing of Rivets through Frame and Shell Plating amidships | 3/4 @ 7 DIA.                                   | ✓  | INNER BOTTOM PLATING.  |                 |  |
| State if Frame Joggled   | YES  | ✓  | Breadth and thickness of Middle Line Strake  |                 |  |
| PANTING ARRANGEMENTS (Sec. 7), state system and particulars              | 1 SIDE STANCHION FORE & AFT. AS PER APP. PLAN. | ✓  | Thickness of remainder in Holds  |                 |  |
| STRENGTHENING OF BOTTOM FOR WARD. State Particulars                      | ✓  | ✓  | Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room? | YES             | ✓  |
| SINGLE BOTTOM.   |  |  | BEAMS.   |                 |  |
| Floors, Depth and thickness at mid-line in Holds                         | 15 32  | ✓  | Uppermost Continuous Deck, amidships in Wells, Angle, <u>E or F</u>  | 8 3 42          | ✓  |
| Height of Brackets at side above base line at toe of frame               | NONE FITTED                                    | ✓  | " " in way of Bridge, Angle, <u>E or F</u>   | 8 3 42          | ✓  |
| Middle Line Keelson, on Floors, Angles, <u>E or F</u>                    | 3 1/2 3 32                                     | ✓  | Spacing  | EVERY FRAME     | ✓  |
| " " Through Plate <u>E or F</u> Intercostal Plate                        | 19 36  | ✓  | Second Deck, amidships, Angle, <u>E or F</u>   |                 |  |
| " " Foundation Plate on Floors   | 12 36  | ✓  | Spacing  |                 |  |
| " " Flat Plate Keel Angles   |  | ✓  | Third Deck, amidships, Angle, <u>E or F</u>  |                 |  |
| Side Keelsons, No. each side   | ONE  | ✓  | Spacing  |                 |  |
| " " thickness of Intercostal Plate                                       |  | 30   | Fourth Deck, amidships, Angle, <u>E or F</u>   |                 |  |
| " " Angle  | 6 4 40   | ✓  | Spacing  |                 |  |
| DOUBLE BOTTOM.   |  |  | Poop Deck, Angle, <u>E or F</u>  |                 |  |
| Solid Floors, thickness and spacing                                      |  |  | Spacing  |                 |  |
| " " Are Frame and Reversed Frame joggled?                                |  |  | Bridge Deck, Angle, <u>E or F</u>  | 4 3 24          | ✓  |
| Bracket Floors, breadth and thickness at middle line                     |  |  | Spacing  | EVERY FRAME     | ✓  |
| " " breadth and thickness at margin plate                                |  |  | CHAIN Forecastle Deck, Angle, <u>E or F</u>  | 2 1/2 2 1/2 25  | ✓  |
|  |  |  | Spacing  | ALL FRAMES      | ✓  |



## PILLARS AND DECKS.

|   |                             | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. |   |               | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. |
|---|-----------------------------|-----------------|--|---|---------------|-----------------|--|
| <b>PILLARS</b> , No. of Rows.....                                 | THREE                       |                 |  | Stringer Plate, breadth and thickness in way of Bridge .....      |               |                 |  |
| " in 'tween Decks, Size and Spacing.....                          |                             |                 |  | Thickness of Plating abreast Deck openings in way of Wells .....  |               |                 |  |
| " .....   |                             |                 |  | Thickness of Plating abreast Deck openings in way of Bridge ..... |               |                 |  |
| " in Holds .....  | 4" x 8" TUBE EVERY 3" IRON. |                 |  | Thickness of Plating within line of openings.....                 |               |                 |  |
| " .....   |                             |                 |  | If Sheathed, material and thickness .....                         |               |                 |  |
| <b>Centre Line Bulkhead.</b>                                      |                             |                 |  | <b>Third Deck.</b>  |               |                 |  |
| Stiffeners and Spacing.....                                       |                             |                 |  | Stringer Plate, breadth and thickness.....                        |               |                 |  |
| Plating, thickness of .....                                       |                             |                 |  | If Plated, state thickness.....                                   |               |                 |  |
| <b>STRINGERS AND DECKS.</b>                                       |                             |                 |  | <b>Fourth Deck.</b>   |               |                 |  |
| <b>Uppermost Continuous Deck.</b>                                 |                             |                 |  | Stringer Plate, breadth and thickness.....                        |               |                 |  |
| Stringer Plate, breadth and thickness in Wells .....              | 31                          | 26              |  | If Plated, state thickness .....                                  |               |                 |  |
| " " " " " in way of Bridge .....                                  |                             | 26              |  | <b>Poop Deck.</b>   |               |                 |  |
| " Angle in Wells .....  | 3                           | 26              |  | Stringer Plate, breadth and thickness .....                       |               |                 |  |
| Thickness of Plating abreast Deck openings in way of Wells .....  |                             | 26              |  | Plating, Sheathing, material and thickness .....                  |               |                 |  |
| Thickness of Plating abreast Deck openings in way of Bridge ..... |                             | 26              |  | <b>Bridge Deck.</b>   |               |                 |  |
| Thickness of Plating within line of openings.....                 |                             |                 |  | Stringer Plate, breadth and thickness.....                        | 31            | 26              |  |
| If Sheathed, material and thickness .....                         | PITCH PINE 3"               |                 |  | Plating, Sheathing, material and thickness .....                  | 20 9          | 26              |  |
| <b>Second Deck.</b>   |                             |                 |  | Plating, Sheathing, material and thickness .....                  | 20 9          | 26              |  |
| Stringer Plate, breadth and thickness in Wells.....               |                             |                 |  | <b>Forecastle Deck.</b>   |               |                 |  |
|   |                             |                 |  | Stringer Plate, breadth and thickness.....                        | WHITE PINE 2" |                 |  |
|   |                             |                 |  | Stringer Plate (No. 1 Well Connect.) .....                        | 15            | 25              |  |
|   |                             |                 |  | Plating, Sheathing, material and thickness .....                  |               |                 |  |

## SHELL PLATING.

| SCANTLINGS.                                    |               |            |            |            |  | RIVETING.                                      |                        |                    |                                       |                        |                         |                                    |
|--|---------------|------------|------------|------------|--|--|------------------------|--------------------|---------------------------------------|------------------------|-------------------------|------------------------------------|
| STRAKES.                                       | AS IN VESSEL. |            |            |            | ANY DEPARTURE FROM<br>APPROVED PLANS<br>TO BE NOTED. | EDGES.<br><small>State if joggled? NO.</small> |                        |                    | BUTTS.                                |                        |                         |                                    |
|  | AMIDSHIPS.    |            | FORWARD.   | AFT.       |  | <small>SINGLE OR DOUBLE.</small>               | <small>RIVETS.</small> |                    | <small>No. OF ROWS OF RIVETS.</small> | <small>RIVETS.</small> |                         | <small>STRAPPED OR LAPPED.</small> |
|  | Breadth.      | Thickness. | Thickness. | Thickness. |  |  | Diam.                  | Spacing cr. to cr. |                                       | Diam.                  | Spacing cr. to cr.      |                                    |
| Inches.  | Inches.       | Inches.    | Inches.    |            |  | Inches.  | Inches.                |                    | Inches.                               | Inches.                |                         |                                    |
| H.P.R.<br>PLATE KEEL .....                     |               | /          |            |            |  | 2 ROWS REEFER                                  | $\frac{3}{8}$          | $\frac{9}{16}$     |                                       |                        |                         |                                    |
| GIRTHBOARD.<br>"<br>Dble. (if any)             | .40           | .36 /      | .32 ✓      | .36 ✓      | /  | SINGLE   | $\frac{3}{4}$          | 3                  | 2                                     | $\frac{3}{4}$          | $2\frac{5}{8}$ STRAPPED |                                    |
| BOTTOM PLATING, No. }<br>of Strakes ..... }    | /             | .30        | .26        | .26        | /  | "  | "                      | "                  | .                                     | "                      | LAPPED                  |                                    |
| BILGE PLATING, No. of }<br>Strakes ..... }     | /             | .30        | .26        | .26        | /  | "  | "                      | "                  | "                                     | "                      | "                       |                                    |
| SIDE PLATING, No. of }<br>Strakes ..... }      | /             | .30        | .26        | .26        | /  | "  | "                      | "                  | "                                     | "                      | "                       |                                    |
| UPPER DECK, Sheer- }<br>strake in Wells..... } | .30           | .40        | .26        | .34        | /  | "  | "                      | "                  | "                                     | "                      | STRAPPED                |                                    |
| UPPER DECK, Sheer- }<br>strake in Bridge ... } | .30           | .40        |            |            | /  | "  | "                      | "                  | "                                     | "                      | "                       |                                    |
| STAKE BELOW Sheer- }<br>strake in Wells..... } | .53           | .32        | .26        | .26        |  | "  | "                      | "                  | "                                     | "                      | LAPPED                  |                                    |
| STAKE BELOW Sheer- }<br>strake in Bridge ... } | .53           | .32        |            |            |  | "  | "                      | "                  | "                                     | "                      | "                       |                                    |
| POOR SIDE PLATING.....                         | /             | /          | /          | /          | /  |  |                        |                    |                                       |                        |                         |                                    |
| BRIDGE SIDE PLATING...                         | /             | .26        | /          | /          | /  |  |                        |                    |                                       |                        |                         |                                    |
| FLOORING SIDE PLATING                          | /             | /          | /          | /          | /  |  |                        |                    |                                       |                        |                         |                                    |

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— FIVE.

Extending to Upper Deck (Sec. 3 c) FIVE

„ — Deck next below —

As per Rule FOUR

|   |   | Plating Thickness. | STIFFENERS. |          |                 |          |                           |
|---|---|--------------------|-------------|----------|-----------------|----------|---------------------------|
|   |   |                    | VERTICAL.   |          | HORIZONTAL.     |          |                           |
|   |   |                    | Scantlings. | Spacing. | Scantlings.     | Spacing. |                           |
| <b>MIDSHIP BULKH'D,</b> Upper tween decks |   |                    |             |          |                 |          |                           |
| "   | " | Second             |             |          |                 |          |                           |
| "   | " | Third              |             |          |                 |          |                           |
| "   | " | Holds .....        | ✓           | 32/26    | B.P.<br>52-2-30 | 29 1/2   |                           |
| <b>COLLISION</b>                          | " | (in Hold) .....    | ✓           | 32/30    | B.P.<br>62-2-40 | 24       | avg. 180<br>22-28-28 3000 |
| <b>AFTER PEAK</b>                         | " | .....              | ✓           | 32/30    | B.P.<br>62-2-40 | 24       | " "                       |

~~FORGINGS and CASTINGS.~~

|  | Casting or Forging. | Scantlings. | Maker's Name.      | Any departure from approved plans to be noted. |
|--|---------------------|-------------|--------------------|--|
| <b>KEEL, Bar</b> .....                   | ROLLED              | 6" x 18"    |                    |  |
| <b>STEM</b> .....                        | "                   | 6" x 18"    |                    |  |
| <b>STERN FRAME</b> {                     |                     |             |                    |  |
| <del>Propeller Post</del> .....          |                     |             |                    |  |
| Rudder " .....                           | FORGING             | 6" x 18"    | EMERSON<br>WALKER. |  |
| <b>RUDDER—A x D</b> .....                |                     | 70 x 32     |                    |  |
| <b>Speed of Vessel</b> .....             |                     | 9 KNOTS.    |                    |  |
| <b>RUDDER</b> mainpiece at head ...      | FORGING             | 1 1/2" DIA. | EMERSON<br>WALKER. |  |
| "                " heel ...              | "                   | 3 1/2"      |                    |  |
| " how constructed .....                  | FORGED & BUILT.     |             |                    |  |
| " double or single plate .....           | SINGLE              | 70          |                    |  |
| " coupling, vertical or horizontal ..... | NO COUPLING.        |             |                    |  |

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH.  
THE LANARKSHIRE STEEL CO. LD., THE SCOTTISH IRON & STEEL CO., SKINNINGGROVE IRON WORKS,  
ARCH. BAIRD & SON LD., CONSETT IRON CO. LD.  
 Has the Steel been tested as required by the Rules? YES.



| EQUIPMENT No. 7653     |                    |                    |      |      |                  |      |      |                        |       |      |      | LETTER                       | ANCHORS.               |                 |   |
|------------------------|--------------------|--------------------|------|------|------------------|------|------|------------------------|-------|------|------|------------------------------|------------------------|-----------------|---|
| Number of Certificate. | Anchor.            | WEIGHT, EX. STOCK. |      |      | WEIGHT OF STOCK. |      |      | TEST, PER CERTIFICATE. |       |      |      | WEIGHT REQUIRED BY TABLE 53. | Description of Anchor. | Makers.         | Where and when tested and Superintendent. |
| 60517                  | 1st Bower          | Cwts.              | qrs. | lbs. | Cwts.            | qrs. | lbs. | Tons.                  | cwts. | qrs. | lbs. | 8                            | TAYLORS TROTAN         | S. TAYLOR & SON | TIPTON 5-10-27 DRYDALE.                   |
| 60516                  | 2nd "              | 5                  | 0    | 0    | "                | "    | "    | 7                      | 7     | 2    | 0    | 5                            | "                      | "               | "   |
|                        | 3rd "              |                    |      |      |                  |      |      |                        |       |      |      |                              |                        |                 |   |
|                        | Collective weight. | 13                 | 0    | 4    |                  |      |      |                        |       |      |      | 13                           |                        |                 |   |
|                        | Stream             |                    |      |      |                  |      |      |                        |       |      |      |                              |                        |                 |   |

| CHAIN CABLES.          |                           |        |                       |            |                        |           |      |                 |          |              |                   | HAWSERS AND WARPS.                         |                 |                           |      |                              |                 |
|------------------------|---------------------------|--------|-----------------------|------------|------------------------|-----------|------|-----------------|----------|--------------|-------------------|--|-----------------|---------------------------|------|------------------------------|-----------------|
| Number of Certificate. | Length and size supplied. |        | Test per Certificate. |            | WEIGHT OF CHAIN CABLE. |           |      | Length and Size |          | Description. | Makers of Cables. | Where and when tested, and Superintendent. | Material.       | Length and Size supplied. |      | Breaking Test of Steel Wire. | Length and Size |
|                        | Length.                   | Diam.  | Statu-tory.           | Break-ing. | Supplied.              | Per Rule. |      | Length.         | Diam.    |              |                   |  |                 | Length.                   | Cir. | Tons.                        | Length.         |
|                        | Fathoms.                  | Ins.   | Tons.                 | Tons.      | Cwts.                  | qrs.      | lbs. | Cwts.           | Fathoms. | Ins.         |                   |  |                 | Fathoms.                  | Ins. |                              | Ins.            |
| 62546                  | 90 1/2                    | 1 3/16 | 11 1/2                | 17 1/2     | 33-0-14                | 30-2-18   |      | 90              | 1 1/2    | STEEL.       | S. TAYLOR & SONS. | TIPTON 21-9-27 DRYDALE.                    | HAWSERS & WARPS | 120                       | 5    | 11 1/2                       | 120 5           |
|                        |                           |        |                       |            |                        |           |      |                 |          |              |                   |  |                 | 120                       | 5    |                              | 120 5           |

Steering Gear, Steam BY J. WIGHAM & SONS.
Steering Gear, Hand BY J. WIGHAM & SONS.

Boats 1 LIFE. 14'0"
Steering Chains, Size and Test.
Windlass STEAM BY G. & J. McONIE

Ceiling in Holds, thickness and material.
Cargo Battens, thickness, material and spacing.

Cargo Hatchways.-(Upper Deck).
Thickness of Hatches.

Size of No. 1 Hatchway (Forward)
No. 2
No. 3
No. 4
No. 5
No. 6

Number of Shifting Beams and/or Fore and Afters

FERGUSON BROTHERS (PORT GLASGOW) LTD.

Builder's Signature
DIRECTOR.

GENERAL DECLARATION
This vessel has been built in accordance with the approved plans, instructions, & printed Rules of this Society. The materials & workmanship are of good quality. The freeboard (for voyage Clyde to Thames only) has been verified & the marks cut in on the vessel's sides. The peak tank, weather deck, w.t. Bulkheads & Downton pump have been tested as required by the Rules & found satisfactory.

The amount of Entry Fee ..... £ 3 : 0 : 0
Special Survey Fee.... £ 46 : 8 : 0
FREEBOARD. 2 : 15 : 0
Travelling Expenses, if any £

Fees applied for, 9th December 1927
Received by me, 4.1.28

I am of opinion the Vessel should be Classed + A1. "FERRY SERVICE TILBURY & GRAVESEND"

State whether the Vessel has been built under Special Survey YES.
Signature H. L. Swinton
Surveyor to Lloyd's Register of Shipping.

H.M. via Gls. Certificate to be sent to GREENOCK. Date of issue 5/1/28

Committee's Minute GLASGOW 13 DEC 1927

Character assigned + A1. 12.27
Ferry Service - Tilbury & Gravesend.
Lloyd's Assoc
+ LMC 1227



GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

List of Plans:

Midship Section.

Profile & deck plans, & bulkheads.

Stempost & rudder, propeller brackets, & stem.

Camping arrangement.

Laying Reports (3).

Midship Section as Built.

Profile & deck plans as Built.

Particulars of Drop Test of Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials,  
Number of Certificate, Date  
of Test.

1st Bower

2nd "

3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop \_\_\_\_\_ ft., R.Q.D. \_\_\_\_\_ ft., Bridge 28.6 ft., Forecastle \_\_\_\_\_ ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 PL. (S.W.) w.s.

Official No. 149962 ; Signal Letters

Is bottom of Vessel coated with cement ☒ if not give

PARTICULARS OF WATER BALLAST.—

| Where Fitted.                             | *Length.<br>Feet. | Water Capacity.<br>Tons. | Where Fitted.  | *Length.<br>Feet. | Water Capacity.<br>Tons. |
|---|-------------------|--------------------------|--|-------------------|--------------------------|
| Double bottom, aft,                       |                   |                          | Fore peak tank,  |                   | 22                       |
| Double bottom, under Engines and Boilers, |                   |                          | After peak tank,                                       |                   | 16                       |
| 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,                                |                   |                          |
| 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.

Order for Special Survey No. 2230

Date 29-6-27.

Dates of Surveys held while building

(1927) June 24 July 15 Aug 3 10 12 16 18 24 26 30 Sept 1 6 8 9 12 16 20 23 28 Oct 3 6 10 13 18 21 26 28 Nov 2 4 9 15 18 25 28 Dec 1 5 6 8 9

Total No. of Visits

39