

Sailing Vessel.

IRON OR STEEL SAILING SHIP.

(Received at London Office)

107489

Date of completion of Report 2nd March 1892 Port of GreenockNo. 10457 Survey held at Port Glasgow Date of First Survey 15th January 1891 Last Survey 24th February 1892

On the Sailing Vessel with Auxiliary Steam "Maria Rickmers" Five masted barque (Steel)

TONNAGE under Tonnage Deck 3164.92

TWO DECKED VESSEL.

Master J. G. Lennrich

Do. of Poop 62.65

CLASS 100 M. T. (Steel)

Year of Appointment 1892

Do. of Bridge House 2011.79

Half Breadth (moulded) 23.92

Built at Port Glasgow

Do. of Houses on Deck 20.28

Depth from upper part of Keel to top of Upper Deck Beams 29.34

When built 1891 Launched 18th Dec. 1891

excess of Hatchways

Girth of Half Midship Frame (as per Rule) 48.10

By whom built Messrs Russell & Co.

Forecastle 69.54

1st Number 101.39

Owners Rickmers, Reismühlen, Rheden & Schiffbau Act. Ges.

G Tonnage 3822.18

Length 360.0

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

Less Crew Space 129.43

2nd Number 365.00

Residence Bremerhaven

TONNAGE FOR FEES 3692.75

Proportions—Breadths to Length 7.52

Port belonging to Bremerhaven

Propelling Space 295.63

Depths to Length—Upper Deck to top of Keel 12.25

Destined Voyage Singapore via Cardiff

Less Navigation spaces 53.16

Surveyed while Building, Afloat, or in Dry Dock

Register Tonnage 3343.96

cut on Beam...

| DEPTH on deck per rule | Feet. | Inches. | BREADTH—Moulded | Feet. | Inches. | DEPTH—Top of Floors to Upper Deck Beams | Feet. | Inches. | No. of Decks with Flat laid | No. of Tiers of Beams |
|------------------------|-------|---------|-----------------|-------|---------|---|-------|---------|-----------------------------|-----------------------|
| | 360 | 0 | | 44 | 10 | | 25 | 8 | Two | 2 deck frames |

Dimensions of Ship per Register, Length 375.75 breadth 48.0 depth 25.43. Moulded depth, ft. 28 in. 4 1/2. Round up of Beam 11 1/2 ins.

FORGINGS AND CASTINGS.

| | Inches in Ship. | Inches per Rule Or as Approved. |
|---|----------------------|---------------------------------|
| EL, Bar or Side Plates, depth and thickness | 11 x 3 | 11 x 3 |
| STEM, moulding and thickness | 11 x 3 | 11 x 3 |
| POST, do. do. | 11 x 4 1/2 | 11 x 4 1/2 |
| MAIN-PIECE OF RUDDER, diameter at head | 9 | 9 |
| " " " at heel | 4 1/2 | 4 1/2 |
| RUDDER, how constructed | Iron forging, plated | |
| Can the Rudder be unshipped afloat? | Yes | |

FRAMING.

| | Inches in Ship. | Inches per Rule Or as Approved. |
|---|---------------------------------------|---------------------------------|
| AME, Angles, or 7 Bars, for 1/2 length amidships | 6 3 1/2 10 6 3 1/2 10 | |
| Do. for 1/2 at each end | 6 3 1/2 9 6 3 1/2 9 | |
| Do. in way of Double Bottoms | 3 1/2 3 1/2 10 4 9 3 1/2 3 1/2 10 4 9 | |
| Distance of Frames from moulding edge to moulding-edge, all fore and aft | 25 | 25 |
| REVERSED FRAME, Angles | 4 1/2 3 1/2 9 4 1/2 3 1/2 9 | |
| FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships | - | - |
| " thickness at the ends of vessel | 8 | 8 |
| " depth at 1/2 the half breadth, as per Rule | - | - |
| " height extended at the Bilges | - | - |
| FLOORS & BRACKETS, in Cell Dble Bottoms | 44 - 8 44 - 8 | |
| " distance apart | 25 - 25 - | |
| CENTRE GIRDER, in Dbl. Btm., dpth & thcknss | 44 - 10 44 - 10 | |
| " Angles, Top | 4 4 9 4 4 9 | |
| " Bottom | 4 4 9 4 4 9 | |
| EDGE GIRDERS, number and thickness | 3 1/2 3 1/2 8 3 1/2 3 1/2 8 | |
| " Angles | 3 1/2 3 1/2 8 3 1/2 3 1/2 8 | |
| MARGIN PLATE, depth (exclusive of flange and thickness) | 30 - 9 30 - 9 | |
| " Angles | 4 4 9 4 4 9 | |
| INNER BOTTOM PLATING, br'dth & thckn's of Middle Line Strake | 36 - 10 36 - 10 | |
| " Remainder | - 8 - 8 | |
| AMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | 11 1/2 - 10 11 1/2 - 10 | |
| " Angles on Upper Edge | 3 1/2 3 1/2 8 3 1/2 3 1/2 8 | |
| " Average space | 50 - 50 - | |
| BEAMS, Lower Deck, Plate or Tee Bulb | 9 3 12 9 3 12 | |
| " Angles on Upper Edge | 25 - 25 - | |
| " Average space | - - - | |
| BEAMS, Hold, Plate or Tee Bulb | - - - | |
| " Angles on Upper Edge | - - - | |
| " Average space | - - - | |
| BEAMS, Poop or Bridge Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | 8 3 12 8 3 12 | |
| " Angles on Upper Edge | 50 - 50 - | |
| " Average space | 9 - 8 9 - 8 | |
| BEAMS, Forecastle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | 3 1/2 3 1/2 7 3 1/2 3 1/2 7 | |
| " Angles on Upper Edge | 50 - 50 - | |
| " Average space | 50 - 50 - | |
| PILLARS, In 'tween Decks, at Centre line, Size | 2 1/8 - 2 1/8 - | |
| " " " " Spacing | 50 - 50 - | |
| " " " " Quarter | 2 1/8 - 2 1/8 - | |
| " " " " Spacing | 100 - 100 - | |
| " In Holds, at Centre line | Size 4 1/8 - 4 1/8 - | |
| " " " " Spacing | 50 - 50 - | |
| " " " " Quarter | Size 3 1/4 - 3 1/4 - | |
| " " " " Spacing | 100 - 100 - | |
| WEB-FRAMES, Breadth and thickness | 18 - 10 18 - 10 | |
| " Number and Spacing | 22 1/2 18 22 1/2 18 | |
| Number of Side Stringers, breadth and thickness | 18 - 10 18 - 10 | |
| Size of Angles or Tee Bars to Web-Frames | 4 1/2 3 1/2 9 4 1/2 3 1/2 9 | |

KEELSONS AND STRINGERS.

| | Inches in Ship. | Inches per Rule Or as Approved. |
|--|-------------------------------|---------------------------------|
| CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate | | |
| " Rider Plate | | |
| " Bulb Plate to Intercoastal Keelson | | |
| " Horizontal Plates above floors | | |
| " Angles | | |
| SIDE KEELSON, Angles | | |
| " Bulb Plate for length | | |
| " Intercoastal Plate for length | | |
| " Attached to outside Plating with Angle | | |
| BILGE KEELSON, Angle | | |
| " Bulb Plate for length | | |
| " Intercoastal Plates for len. | | |
| " Attached to outside Plating with Angle | | |
| BILGE STRINGER, Angles | | |
| " Bulb Plate for length | | |
| " Intercoastal Plates for len. | | |
| " Attached to outside Plating with Angle | | |
| SIDE STRINGER, Angles | | |
| " Bulb Plate for length | | |
| " Intercoastal Plate for len. | | |
| " Attached to outside Plating with Angle | | |
| Main Deck Stringer Plate, on end of Beams, breadth and thickness | 59 13 59 13 | |
| " Angle on ditto | 4 1/2 4 1/2 11 4 1/2 4 1/2 11 | |
| " Tie Plates fore and aft, outside Hatchways | | |
| " Diagonal Tie Plates on Bms., No. of Prs. | | |
| " Flat of Deck*, material and thickness | 3 1/2 4 P 3 1/2 | |
| " How fastened to Beams | 8 - 8 | |
| Lower Deck Stringer Plate, on end of Beams, breadth and thickness | 50 9 50 9 | |
| Is the Stringer Plate attached to the Outside Plating? | Yes | |
| " Angles on ditto, No. 2 | 4 1/2 4 1/2 9 4 1/2 4 1/2 9 | |
| " Tie Plates, outside Hatchways | | |
| " Diagonal Tie Plates on Bms., No. of prs. | | |
| " Flat of Deck, material and thickness | Steel 4 - 4 | |
| " How fastened to Beams | Pinched | |
| Hold Stringer Plate, on end of Beams | | |
| Is the Stringer Plate attached to the Outside Plating? | | |
| " Angles on ditto, No. | | |
| " Tie Plate outside Hatchways | | |
| " Flat of Deck, material and thickness | | |
| Poop or Bridge Deck Stringer Plate, breadth and thickness | 46 7 46 7 | |
| " Angle | 3 x 3 x 9 3 x 3 x 9 | |
| " Tie Plates on Beams | 13 4 13 4 | |
| " Flat of Deck, material and thickness | 3 4 P 3 4 | |
| Forecastle Deck Stringer Plate, br'dth & thcknss | 40 7 40 7 | |
| " Angle | 3 x 3 x 7 3 x 3 x 7 | |
| " Tie Plates on Beams | 13 6 13 6 | |
| " Flat of Deck, material and thickness | 3 4 P 3 4 | |
| PLATING. | | |
| CENTRE LINE KEEL, breadth and thickness | | |
| PLATES in Garboard Strakes, br'dth & thckn's from Garboard to lower part of Bilges | 36 14 36 14 | |
| " State Thickness of Plating in way of Double Bottom | 11 1/2 11 1/2 | |
| " Bilges, number of Strakes, and thickness | | |
| " Of doubling at Bilge, or increased thickness, and length applied | 3 Strakes increased to 5 1/2 | |
| " from up. part of Bilge to edge of Sh. strake | Alternately 12 & 11 1/2 | |
| " Strake in way of Lower Deck Beams | 15 13 15 13 | |
| Sheerstrake, breadth and thickness | 44 17 44 17 | |
| Poop or Bridge Sides | 4 - 4 | |
| Forecastle Sides | 4 - 4 | |
| Lengths of Plating | | |

