

1 or 2 Dks., R. Q. Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 22180

State of Report is also sent on the Machinery of the Vessel *Yes*
Date of completion of Report *14th Oct 1904*
Date, First Survey *28th June*

Received at London Office, **TUES. 18 OCT 1904**
Port of *Glasgow*
Last Survey *7th October 1904*
Rig *One pole mast*

Survey held at *Paisley*
On the *Steel Screw Steamer*

"FOAM"
ONE OR TWO DECKED VESSEL.

Master *A Leeks*
Year of appointment *(1) As master in service of owner of present vessel 1904 (2) As master of this vessel 1904*

TONNAGE under Tonnage Deck... *79.45*
Do. of Poop
Do. of Raised Qr. *2.66*
Do. of Break...
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Deck
Do. of excess of Hatchways
Do. above Crown of Engine Room... *9.79*
Gross Tonnage *91.90*
Less Crew Space *8.44*
Net Tonnage *83.46*
Do. of Poop
Do. of Raised Qr. *2.66*
Do. of Break...
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Deck
Do. of excess of Hatchways
Do. above Crown of Engine Room... *9.79*
Gross Tonnage *91.90*
Less Crew Space *8.44*
Net Tonnage *83.46*

CLASS *+100A.1 for towing purposes*
Half Breadth (moulded) *8.50*
Depth from upper part of Keel to top of Main Deck Bms. *8.96*
Girth of Half Midship Frame (as per Rule) *15.37*
1st Number *32.83*
Length on deck from after part of stem to fore part of stern post *79.1*
2nd Number *2596*
Proportions—Breadths to Length *4.65*
Depths to Length—Main Deck to top of Keel *8.82*
Destined Voyage *Ipwich*

Built at *Paisley*
When built *1904* Launched *14th Sept 1904*
By whom built *Messrs Jullerton & Co*
Owners *R & W Paul Ltd*
Managers
Residence *Ipwich*
Port belonging to *Ipwich*

Length *80.0* breadth *17.1* depth *8.0* Moulded Depth *8 ft. 7 1/2 ins.* Round of Beam, Actual *4 ins.*

| FRAMING. | | | | | | FORGINGS AND CASTINGS. | | | | | | |
|--|-----------------|-----------------|----------------|-----------------------|--------------------------------|--|--------------------------|-----------------|----------------|-----------------------|--------------------------------|---|
| | Inches in Ship. | Inches in Ship. | 16ths in Ship. | Inches per Rule Or as | Inches per Rule 16ths per Rule | | Inches in Ship. | Inches in Ship. | 16ths in Ship. | Inches per Rule Or as | Inches per Rule 16ths per Rule | |
| NAME, Angles, L or Bars, for 1/2 length amidships | 2 1/2 | 2 1/2 | 5 | 2 1/2 | 2 1/2 | KEEL, Bar or Side Plates depth and thickness | 5 x 1 1/2 | | 5 x 1 1/2 | | 5 x 1 1/2 | |
| do. for 1/2 at each end | | | | | | STEM, moulding and thickness | 5 1/2 x 1 1/2 | | 5 1/2 x 1 1/2 | | 5 1/2 x 1 1/2 | |
| do. in way of Double Bottoms at Solid Floors. | | | | | | SERN-POST for Rudder do. do. | 5 1/2 x 2 1/2 | | 5 1/2 x 2 1/2 | | 5 1/2 x 2 1/2 | |
| ing of Frames from centre to centre | | | | | | MAIN PIECE of Rudder, diameter at head.... | 3 | | 3 | | 3 | |
| VERSED FRAME, Angles | 2 1/2 | 2 1/2 | 5 | 2 1/2 | 2 1/2 | do. at heel | | | 2 x 2 | | | |
| EP FRAMING, depth of girder | | | | | | RUDDER, how constructed | Forced from Frame Plated | | | | | |
| DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships | 12 | | 5 | 12 | 5 | Can the Rudder be unshipped afloat? | Yes | | | | | |
| do. in way of Engines and Boilers | E | | 6 | | 6 | | | | | | | |
| do. thickness at the ends of vessel | B | | 5 | | 5 | | | | | | | |
| do. depth at 1/2 the half breadth, as per Rule | Straight across | | | | | | | | | | | |
| do. height extended at the Bilges | Reduction | | | | | | | | | | | |
| DOORS & BRACKETS, in Cell Dble Bottoms | | | | | | KEELSONS AND STRINGERS. | | | | | | |
| do. state if flanged (top & bottom) | | | | | | CENTRE LINE KEELSON, Vertical Plate above | | | | | | |
| do. Spacing | | | | | | floors, Through Plate, or Intercoastal Plate | | | | | | |
| CENTRE GIRDER, in Double Bottom, depth and thickness | | | | | | do. Rider Plate | | | | | | |
| do. Angles, Top | | | | | | do. Bulb Plate to Intercoastal Keelson | | | | | | |
| do. Bottom | | | | | | do. Horizontal Plates on Floors | | | | | | |
| SIDE GIRDERS, number on each side & thickness | | | | | | do. Angles (2 in. 10 in.) | 5 | 3 | 9 | 5 | 3 | 9 |
| do. state if flanged (top & bottom) | | | | | | SIDE KEELSON, Angles | | | | | | |
| do. Angles | | | | | | do. Bulb or Plate above floors for | | | | | | |
| MARGIN PLATE, depth (exclusive of flange) and thickness | | | | | | do. Intercoastal Plate for | | | 5 | | 5 | |
| do. Angles to Outside Plating | | | | | | do. Attached to outside plating with Angle | 2 1/2 | 2 1/2 | 5 | 2 1/2 | 2 1/2 | 5 |
| do. Floors | | | | | | BILGE KEELSON, Angles | 5 | 3 | 7 | 5 | 3 | 7 |
| do. Height of Floors at the Bilges | | | | | | do. Bulb or Plate above floors for | | | | | | |
| INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake | | | | | | do. Intercoastal Plate for | | | | | | |
| do. thickness in Engine and Boiler space | | | | | | do. Attached to outside plating with Angle | | | | | | |
| do. Remainder in Holds | | | | | | BILGE STRINGER Angles | | | | | | |
| BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | 3 | 3 | 1/2 | 3 1/2 | 2 1/2 | do. Bulb Plate for | | | | | | |
| do. Angles on Upper Edge | | | | | | do. Intercoastal Plate for | | | | | | |
| do. Spacing | | | | | | do. Attached to outside plating with Angle | | | | | | |
| BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | 4 1/2 | 3 | 1/2 | 4 1/2 | 3 | SIDE STRINGER Angles | 5 | 3 | 7 | 5 | 3 | 7 |
| do. Angles on Upper Edge | | | | | | do. Bulb or Intercoastal Plate for | | | | | | |
| do. Spacing | | | | | | do. Attached to outside plating with Angle | | | | | | |
| BEAMS, Hold, Plate or Tee Bulb | | | | | | Main and Raised Quarter Deck Stringer | | | 5 | | 5 | |
| do. Angles on Upper Edge | | | | | | Plate, breadth and thickness | | | | | | |
| do. Spacing | | | | | | do. Angle on ditto | 3 x 3 | 6 | 3 x 3 | 6 | | |
| BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb | | | | | | do. Tie Plates, outside Hatchways | | | | | | |
| do. Angles on Upper Edge | | | | | | do. Diagonal Tie Plates on Bms., No. of Pairs | | | | | | |
| do. Spacing | | | | | | do. Main Dk* Iron or Steel for | | | 5 | | 5 | |
| BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle Plate, or Tee Bulb | | | | | | do. R. Q. Dk* Iron or Steel for | | | | | | |
| do. Angles on Upper Edge | | | | | | do. Wood Deck, Material & thickness | | | 2 1/2 | | 2 1/2 | |
| do. Spacing | | | | | | Lower Deck Stringer Plate, breadth and thickness | | | | | | |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb | | | | | | do. Angles on ditto, No. | | | | | | |
| do. Angles on Upper Edge | | | | | | do. Tie Plates, outside Hatchways | | | | | | |
| do. Spacing | | | | | | do. Deck* Material and thickness | | | | | | |
| PILLARS, In 'tween Decks, Size and Spacing | 2 1/2 | 4 | 40 | 2 1/2 | 40 | Hold Stringer Plate | | | | | | |
| do. Hold | | | | | | do. Angles on ditto, No. | | | | | | |
| do. Quarter, 'tween Dks., | | | | | | Poop Deck Stringer Plate, breadth & thickness | | | | | | |
| do. in Hold | | | | | | do. Angle on ditto | | | | | | |
| WEB FRAMES, In Fore Body, No. and Spacing | | | | | | do. Tie Plates | | | | | | |
| do. Brdth. & Thickness | | | | | | do. Deck, Material and thickness | | | | | | |
| do. No. of Side Stringers | | | | | | Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness | | | | | | |
| WEB FRAMES, In E. & B. Space, No. & Spacing | | | | | | do. Angle on ditto | | | | | | |
| do. Brdth. & Thickness | | | | | | do. Tie Plates | | | | | | |
| do. No. of Side Stringers | | | | | | do. Deck, Material and thickness | | | | | | |
| WEB FRAMES, In After Body, No. and Spacing | | | | | | Forecastle Deck Stringer Plate, brdth & thcknss | | | | | | |
| do. Brdth. & Thickness | | | | | | do. Angle on ditto | | | | | | |
| do. No. of Side Stringers | | | | | | do. Tie Plates | | | | | | |
| do. Size of Angles or Tee Bars to Web Frames | | | | | | do. Deck, Material and thickness | | | | | | |
| BRACKET PLATES to Stringers between | | | | | | | | | | | | |
| Web Frames, Depth and Thickness | | | | | | | | | | | | |

| PLATING. | | | | | | | | | | RIVETING. | | | | | | | | | |
|--|--|--|--|--|--------------------------|--|--|--|--|---|--|--|--|--|------------|--|--|--|--|
| AS IN SHIP. | | | | | PER RULE OR AS APPROVED. | | | | | EDGES. | | | | | BUTTS. | | | | |
| STRAKES. | | | | | | | | | | Ordinary or Lapped? | | | | | | | | | |
| | | | | | | | | | | Single or Double. | | | | | If Lapped. | | | | |
| | | | | | | | | | | Diam. | | | | | Diam. | | | | |
| | | | | | | | | | | Inches. | | | | | Inches. | | | | |
| FLAT PLATE KEEL (If Bar Keel, state Riveting) | | | | | | | | | | Rivets | | | | | | | | | |
| GABBOARD OR A Strake | | | | | | | | | | Butts | | | | | | | | | |
| State actual thickness in way of Double Bottom. | | | | | | | | | | Do the holes for riveting plate to frames, butt straps, or plate to plate, &c, conform well to each other? | | | | | | | | | |
| Sheer | | | | | | | | | | Do any rivets break into or through the seams or butts of the plating? | | | | | | | | | |
| F | | | | | | | | | | Are the butts of Plating, Stringers, &c., properly shifted and strapped? | | | | | | | | | |
| G | | | | | | | | | | Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? | | | | | | | | | |
| H | | | | | | | | | | Have all the gutterways been tested as required by the Rules (Sec. 23, par 25)? | | | | | | | | | |
| I | | | | | | | | | | General Remarks (State quality of workmanship, &c.) | | | | | | | | | |
| J | | | | | | | | | | This vessel has been built in accordance with the approved plans, the Secretary's letters of above dates and in general conformity to the Rules for the class contemplated. | | | | | | | | | |
| K | | | | | | | | | | 3 Plans | | | | | | | | | |
| L | | | | | | | | | | | | | | | | | | | |
| M | | | | | | | | | | | | | | | | | | | |
| N | | | | | | | | | | | | | | | | | | | |
| O | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | |
| DOUBLING OF Flat Plate Keel | | | | | | | | | | | | | | | | | | | |
| Length and thickness of Bilges | | | | | | | | | | | | | | | | | | | |
| Length and thickness of Sheerstrakes | | | | | | | | | | | | | | | | | | | |
| Length and thickness of Strake below | | | | | | | | | | | | | | | | | | | |
| POOP SIDES | | | | | | | | | | | | | | | | | | | |
| RAISED QUARTER DECK SIDES | | | | | | | | | | | | | | | | | | | |
| BRIDGE SIDES | | | | | | | | | | | | | | | | | | | |
| FORECASTLE SIDES | | | | | | | | | | | | | | | | | | | |
| LENGTHS OF PLATING | | | | | | | | | | | | | | | | | | | |
| Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c. | | | | | | | | | | Main Stringer Plate Butts, treble riveted for full length amidship. | | | | | | | | | |
| Steel of Scotland | | | | | | | | | | Straps, single, double or overlapped for full length amidship. | | | | | | | | | |
| Has the Steel been tested as required by the Rules | | | | | | | | | | Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? | | | | | | | | | |
| | | | | | | | | | | Inner Bottom Plating, riveting of Edges | | | | | | | | | |
| | | | | | | | | | | Centre Girder Butts, riveted. Keelson Butts, treble riveted. | | | | | | | | | |
| | | | | | | | | | | Frames, riveted through Plates with 3/4 in. Rivets, about 5/4 apart. | | | | | | | | | |
| | | | | | | | | | | Rivets, state whether of Iron or Steel | | | | | | | | | |
| FRAMES extend in one length from Middle line to deck | | | | | | | | | | state if ordinary or joggled Ordinary | | | | | | | | | |
| REVERSED FRAMES on floors and frames extend from Bilge to Bilge | | | | | | | | | | state if ordinary or joggled Ordinary | | | | | | | | | |
| MASTS, SPARS, &c. | | | | | | | | | | | | | | | | | | | |
| LOWER MASTS | | | | | | | | | | | | | | | | | | | |
| Fore | | | | | | | | | | | | | | | | | | | |
| Main | | | | | | | | | | | | | | | | | | | |
| Mizen | | | | | | | | | | | | | | | | | | | |
| Bowsprit | | | | | | | | | | | | | | | | | | | |
| Topmasts, Yards and Remainder of Spars | | | | | | | | | | | | | | | | | | | |
| Rigging, Material and Size, Shrouds | | | | | | | | | | | | | | | | | | | |
| Sails | | | | | | | | | | | | | | | | | | | |
| Equipment No. 2596 Letter | | | | | | | | | | Tonnage U.D.K. or Plating No. for Travellers | | | | | | | | | |
| ANCHORS. | | | | | | | | | | | | | | | | | | | |
| Number of Certificate | | | | | | | | | | | | | | | | | | | |
| 1st Bower | | | | | | | | | | | | | | | | | | | |
| 2nd " | | | | | | | | | | | | | | | | | | | |
| 3rd " | | | | | | | | | | | | | | | | | | | |
| Collective weight | | | | | | | | | | | | | | | | | | | |
| Stream | | | | | | | | | | | | | | | | | | | |
| Kedge | | | | | | | | | | | | | | | | | | | |
| CHAIN CABLES. | | | | | | | | | | HAWERS AND WARPS. | | | | | | | | | |
| Number of Certificate | | | | | | | | | | | | | | | | | | | |
| Length and size supplied | | | | | | | | | | | | | | | | | | | |
| Test per Certificate | | | | | | | | | | | | | | | | | | | |
| Weight of Chain Cable | | | | | | | | | | | | | | | | | | | |
| Length and size per Table 22 | | | | | | | | | | | | | | | | | | | |
| Description | | | | | | | | | | | | | | | | | | | |
| Makers of Cables | | | | | | | | | | | | | | | | | | | |
| Where and when tested and Superintendent | | | | | | | | | | | | | | | | | | | |
| Material | | | | | | | | | | | | | | | | | | | |
| Length and size supplied | | | | | | | | | | | | | | | | | | | |
| Breaking Test of Steel Wire | | | | | | | | | | | | | | | | | | | |
| Length and size per Table 22 | | | | | | | | | | | | | | | | | | | |
| Description | | | | | | | | | | | | | | | | | | | |
| Makers of Cables | | | | | | | | | | | | | | | | | | | |
| Where and when tested and Superintendent | | | | | | | | | | | | | | | | | | | |
| Material | | | | | | | | | | | | | | | | | | | |
| Length and size supplied | | | | | | | | | | | | | | | | | | | |
| Breaking Test of Steel Wire | | | | | | | | | | | | | | | | | | | |
| Length and size per Table 22 | | | | | | | | | | | | | | | | | | | |
| Description | | | | | | | | | | | | | | | | | | | |
| Makers of Cables | | | | | | | | | | | | | | | | | | | |
| Where and when tested and Superintendent | | | | | | | | | | | | | | | | | | | |
| Material | | | | | | | | | | | | | | | | | | | |
| Length and size supplied | | | | | | | | | | | | | | | | | | | |
| Breaking Test of Steel Wire | | | | | | | | | | | | | | | | | | | |
| Length and size per Table 22 | | | | | | | | | | | | | | | | | | | |
| Description | | | | | | | | | | | | | | | | | | | |
| Makers of Cables | | | | | | | | | | | | | | | | | | | |
| Where and when tested and Superintendent | | | | | | | | | | | | | | | | | | | |
| Material | | | | | | | | | | | | | | | | | | | |
| Length and size supplied | | | | | | | | | | | | | | | | | | | |
| Breaking Test of Steel Wire | | | | | | | | | | | | | | | | | | | |
| Length and size per Table 22 | | | | | | | | | | | | | | | | | | | |
| Description | | | | | | | | | | | | | | | | | | | |
| Makers of Cables | | | | | | | | | | | | | | | | | | | |
| Where and when tested and Superintendent | | | | | | | | | | | | | | | | | | | |
| Material | | | | | | | | | | | | | | | | | | | |
| Length and size supplied | | | | | | | | | | | | | | | | | | | |
| Breaking Test of Steel Wire | | | | | | | | | | | | | | | | | | | |
| Length and size per Table 22 | | | | | | | | | | | | | | | | | | | |
| Description | | | | | | | | | | | | | | | | | | | |
| Makers of Cables | | | | | | | | | | | | | | | | | | | |
| Where and when tested and Superintendent | | | | | | | | | | | | | | | | | | | |
| Material | | | | | | | | | | | | | | | | | | | |
| Length and size supplied | | | | | | | | | | | | | | | | | | | |
| Breaking Test of Steel Wire | | | | | | | | | | | | | | | | | | | |
| Length and size per Table 22 | | | | | | | | | | | | | | | | | | | |
| Description | | | | | | | | | | | | | | | | | | | |
| Makers of Cables | | | | | | | | | | | | | | | | | | | |
| Where and when tested and Superintendent | | | | | | | | | | | | | | | | | | | |
| Material | | | | | | | | | | | | | | | | | | | |
| Length and size supplied | | | | | | | | | | | | | | | | | | | |
| Breaking Test of Steel Wire | | | | | | | | | | | | | | | | | | | |
| Length and size per Table 22 | | | | | | | | | | | | | | | | | | | |
| Description | | | | | | | | | | | | | | | | | | | |
| Makers of Cables | | | | | | | | | | | | | | | | | | | |
| Where and when tested and Superintendent | | | | | | | | | | | | | | | | | | | |
| Material | | | | | | | | | | | | | | | | | | | |
| Length and size supplied | | | | | | | | | | | | | | | | | | | |
| Breaking Test of Steel Wire | | | | | | | | | | | | | | | | | | | |
| Length and size per Table 22 | | | | | | | | | | | | | | | | | | | |
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| Makers of Cables | | | | | | | | | | | | | | | | | | | |
| Where and when tested and Superintendent | | | | | | | | | | | | | | | | | | | |
| Material | | | | | | | | | | | | | | | | | | | |
| Length and size supplied | | | | | | | | | | | | | | | | | | | |
| Breaking Test of Steel Wire | | | | | | | | | | | | | | | | | | | |
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| Makers of Cables | | | | | | | | | | | | | | | | | | | |
| Where and when tested and Superintendent | | | | | | | | | | | | | | | | | | | |
| Material | | | | | | | | | | | | | | | | | | | |
| Length and size supplied | | | | | | | | | | | | | | | | | | | |
| Breaking Test of Steel Wire | | | | | | | | | | | | | | | | | | | |
| Length and size per Table 22 | | | | | | | | | | | | | | | | | | | |
| Description | | | | | | | | | | | | | | | | | | | |
| Makers of Cables | | | | | | | | | | | | | | | | | | | |
| Where and when tested and Superintendent | | | | | | | | | | | | | | | | | | | |
| Material | | | | | | | | | | | | | | | | | | | |
| Length and size supplied | | | | | | | | | | | | | | | | | | | |
| Breaking Test of Steel Wire | | | | | | | | | | | | | | | | | | | |
| Length and size per Table 22 | | | | | | | | | | | | | | | | | | | |
| Description | | | | | | | | | | | | | | | | | | | |
| Makers of Cables | | | | | | | | | | | | | | | | | | | |
| Where and when tested and Superintendent | | | | | | | | | | | | | | | | | | | |
| Material | | | | | | | | | | | | | | | | | | | |
| Length and size supplied | | | | | | | | | | | | | | | | | | | |
| Breaking Test of Steel Wire | | | | | | | | | | | | | | | | | | | |
| Length and size per Table 22 | | | | | | | | | | | | | | | | | | | |
| Description | | | | | | | | | | | | | | | | | | | |
| Makers of Cables | | | | | | | | | | | | | | | | | | | |
| Where and when tested and Superintendent | | | | | | | | | | | | | | | | | | | |
| Material | | | | | | | | | | | | | | | | | | | |
| Length and size supplied | | | | | | | | | | | | | | | | | | | |
| Breaking Test of Steel Wire | | | | | | | | | | | | | | | | | | | |
| Length and size per Table 22 | | | | | | | | | | | | | | | | | | | |
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| Makers of Cables | | | | | | | | | | | | | | | | | | | |
| Where and when tested and Superintendent | | | | | | | | | | | | | | | | | | | |
| Material | | | | | | | | | | | | | | | | | | | |
| Length and size supplied | | | | | | | | | | | | | | | | | | | |
| Breaking Test of Steel Wire | | | | | | | | | | | | | | | | | | | |
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| Description | | | | | | | | | | | | | | | | | | | |
| Makers of Cables | | | | | | | | | | | | | | | | | | | |
| Where and when tested and Superintendent | | | | | | | | | | | | | | | | | | | |
| Material | | | | | | | | | | | | | | | | | | | |
| Length and size supplied | | | | | | | | | | | | | | | | | | | |
| Breaking Test of Steel Wire | | | | | | | | | | | | | | | | | | | |
| Length and size per Table 22 | | | | | | | | | | | | | | | | | | | |
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