

3 Decks.

## IRON OR STEEL STEAMER.

Received at London Office 6 AUG 1909

Date of completion of report 3<sup>rd</sup> August 1909  
Survey held at Belfast  
On the Steel Ship S. PAULO  
State if Report is also sent on the Machinery of the Vessel yes  
Port of Belfast  
Date, First Survey 5<sup>th</sup> November 1906 Last Survey 3<sup>rd</sup> August 1909  
Rig Schooner  
No. 6645  
Date of Build 12/07  
Master  
Year of appointment (1) As Master in service of owner of present vessel - 19 (2) As Master of this vessel - 19  
Built at Belfast  
When built 1907 Launched 14<sup>th</sup> June 1907  
By whom built Workman Clark & Co Ltd  
Owners Lloyd Brasileiro  
Managers (Where necessary to be entered in Reg. Book.)  
Residence  
Port belonging to Rio Janeiro

## THREE DECKED VESSEL.

CLASS 100 A. 1. FEET.  
Half Breadth (moulded) 22.40  
Depth from upper part of Keel to top of Upper Deck Beams 26.92  
(with the normal round up of beam)  
Girth of Half Midship Frame (as per Rule) 16.12  
95.44  
deduct 7 feet 7.00  
1st Number 88.44  
Length on deck from after part of stem to fore part of stern 338.16  
2nd Number 29906  
Proportions—Breadth to Length 7.54  
Depth to Length—Upper Deck to top of Keel 12.53  
Main Deck ditto Assumed 17.81  
If Surveyed while Building, Afloat, or in Dry Dock Building.

## Destined Voyage

Feet. Inches. BREADTH—Top of Floors to top of Upper Dk. Beams 24 9 3/4  
Feet. Inches. Do. do. Main Dk. Beams 16 0 3/4  
No. of Decks with flat laid 2  
No. of Tiers of Beams 2 Deep Framing  
Round of Upper Dk. Beam, Actual 11 ins.

Dimensions of Ship per Register, Length 340.3 breadth 45.15 depth 24.8 Moulded depth, ft. 26 ins. 0 To Upper Dk.

| FRAMING.  |                          |                 |                                | FORGINGS or CASTINGS.   |                                   |                                     |           |
|---|--------------------------|-----------------|--------------------------------|---|-----------------------------------|-------------------------------------|-----------|
| ME, Angles, or Bars for 1/2 length                                | Inches in Ship.          | Inches in Ship. | 20ths per Rule Or as Approved. | KEEL, Bar or Side Plates, depth and thickness                           | Inches in Ship.                   | Inches per Rule Or as Approved.     |           |
| amidships   | 9 3/2                    | 10              | 9 3/2                          | STEM, moulding and thickness  | 9 x 1 1/4                         | 9 x 1 1/4                           |           |
| for 1/2 at each end   | 6 3/2                    | 8.7             | 6 3/2                          | STERN-POST for Rudder do. do.   | 12 x 3 1/4                        | 11 x 2 3/4                          |           |
| in way of Double Bottoms at Solid Floors                          | 3 1/2                    | 8.7             | 3 1/2                          | for Propeller   | 10 x 9                            | 10 x 9                              |           |
| at intermdt. Bkts.  | 24                       | 24              | 24                             | MAIN PIECE of Rudder, diameter at head                                  | 8 1/2                             |                                     |           |
| ing of Frames from centre to centre                               | 6 3/2                    | 8.7             | 6 3/2                          | do. at heel   | 6 1/2                             |                                     |           |
| VERSED FRAME, Angles  | 9                        | 9               | 9                              | RUDDER, how constructed   | Single plate                      |                                     |           |
| EP FRAMING, depth of girder                                       | 26                       | 12              | 26                             | Can the Rudder be unshipped afloat?                                     | Yes                               |                                     |           |
| DOORS, depth and thickness of Floor Plate                         | 23                       | 23              | 23                             | KEELSONS & STRINGERS.   |                                   |                                     |           |
| at mid-line for 1/2 length amidships                              | 5.2                      | 5.2             | 5.2                            | CENTRE LINE KEELSON, Vertical Plate above                               | 34                                | 12                                  | 34        |
| in way of Engines and Boilers                                     | 24                       | 24              | 24                             | Floors, Through Plate, or Intercoastal Plate                            | 8                                 | 15                                  | 8         |
| thickness at the ends of vessel                                   | 23                       | 23              | 23                             | Rider Plate   | 8 3/2                             | 15                                  | 8 3/2     |
| depth at 1/2 the half breadth, as per Rule                        | 5.2                      | 5.2             | 5.2                            | Bulb Plate to Intercoastal Keelson                                      | 12                                | 12                                  | 12        |
| height extended at the Bilges                                     | 8                        | 8               | 8                              | Horizontal Plates on Floors   | 4                                 | 4                                   | 4         |
| DOORS & BRACKETS in Cell Dble Bottoms                             | 41                       | 41              | 41                             | Angles to Keel  | 6 1/2                             | 4                                   | 9         |
| state if flanged (top & bottom)                                   | 4                        | 4               | 4                              | 2 SIDE KEELSONS Angles 2 in. dia.                                       | 6 1/2                             | 4                                   | 9         |
| Spacing   | 4                        | 4               | 4                              | Bulb or Plate above floors, for   | 9                                 | 9                                   | 9         |
| CENTRE GIRDER, in Double bottom, depth                            | 4                        | 4               | 4                              | Intercoastal Plate, for full length                                     | 3 1/2                             | 3 1/2                               | 8         |
| and thickness   | 4                        | 4               | 4                              | Attached to outside Plating with Angle                                  | 6 1/2                             | 4                                   | 9         |
| Angles, Top   | 4                        | 4               | 4                              | BILGE KEELSON, Angles 2 in. dia.  | 6 1/2                             | 4                                   | 9         |
| Bottom  | 4                        | 4               | 4                              | Bulb or Plate above floors, for   | 9                                 | 9                                   | 9         |
| DE GIRDERS, number on each side & thickness                       | 8                        | 8               | 8                              | Intercoastal Plate, for full length                                     | 3 1/2                             | 3 1/2                               | 8         |
| state if flanged (top and bottom)                                 | 3 1/2                    | 3 1/2           | 3 1/2                          | Attached to outside Plating with Angle                                  | 6 1/2                             | 4                                   | 9         |
| Angles  | 3 1/2                    | 3 1/2           | 3 1/2                          | BILGE STRINGER Angles   | 3 1/2                             | 3 1/2                               | 8         |
| MARGIN PLATE, depth (exclusive of flange)                         | 4                        | 4               | 4                              | Bulb Plate for  | length                            |                                     |           |
| and thickness   | 3 1/2                    | 3 1/2           | 3 1/2                          | Intercoastal Plate for  | length                            |                                     |           |
| Angles to Outside Plating   | 4                        | 4               | 4                              | Attached to outside Plating with Angle                                  | 6                                 | 4                                   | 12.10     |
| Floors  | 3 1/2                    | 3 1/2           | 3 1/2                          | 2 SIDE STRINGERS Angles   | 6                                 | 4                                   | 12.10     |
| Height of Floors at the Bilges                                    | 65                       | 65              | 65                             | Bulb or Intercoastal Plate, for full lng.                               | 3 1/2                             | 3 1/2                               | 8.7       |
| INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake | 41                       | 41              | 41                             | Attached to outside plating with Angle                                  | 3 1/2                             | 3 1/2                               | 8.7       |
| in Engine and Boiler space  | 10                       | 10              | 10                             | Upper Deck Stringer Plates, br'dth & thickness                          | 11.9                              | 12                                  | 11.9      |
| Remainder in Holds  | 8.7                      | 8.7             | 8.7                            | Angle on ditto  | 4 x 4 x 9.8                       | 4 x 4 x 9.8                         | 10.9      |
| BEAMS, Upper Deck, Single Angle, Bulb                             | 10 3/2                   | 14              | 10 3/2                         | Tie Plates, outside Hatchways   | 8.7                               | 8.7                                 | 8.7       |
| Angle, Plate or Tee Bulb  | 48                       | 48              | 48                             | Deck * Iron or Steel, for full lng.                                     | 7.2                               | 10                                  | 7.2       |
| Angles on upper edge  | 12                       | 12              | 12                             | Wood Deck, Material & thickness   | Teak 3                            | where exposed 2 1/2 P.P. cutlasses. |           |
| Spacing   | 48                       | 48              | 48                             | Middle Deck Stringer Plate, br'dth & thickness                          | 4 x 4                             | 9.8                                 | 4 x 4 9.8 |
| BEAMS, Middle Deck, Single Angle, Bulb                            | 12 3/2                   | 14              | 12 3/2                         | Angles on ditto, No. 2  | 17                                | 10.9                                | 17        |
| Angle, Plate or Tee Bulb  | 48                       | 48              | 48                             | Tie Plates outside Hatchways  | Diagonal Tie Plates, No. of pairs |                                     |           |
| Angles on upper edge  | 48                       | 48              | 48                             | Deck * Iron or Steel, for lng.  | 3" V 2 1/2                        |                                     |           |
| Spacing   | 48                       | 48              | 48                             | Wood Deck, Material & thickness   | P.P. 3" V 2 1/2                   |                                     |           |
| BEAMS, Lower Deck, Single Angle, Bulb                             | 7 3/2                    | 10              | 7 3/2                          | Lower Deck Stringer Plate, br'dth & thickness                           | Angles on ditto, No.              |                                     |           |
| Angle, Plate or Tee Bulb  | 48                       | 48              | 48                             | Tie Plates, outside Hatchways   | Deck * Material and thickness     |                                     |           |
| Angles on upper edge  | 48                       | 48              | 48                             | Hold, or Orlop Stringer Plate, br'dth & thckn's                         | Angles on ditto, No.              |                                     |           |
| Spacing   | 48                       | 48              | 48                             | Tie Plates outside Hatchways  | Deck, Material and thickness      |                                     |           |
| BEAMS, Hold, or Orlop, Plate or Tee Bulb                          | 8 3/2                    | 11              | 8 3/2                          | Poop Deck Stringer Plate, breadth & thickness                           | Angle on ditto                    |                                     |           |
| Angles on upper edge  | 48                       | 48              | 48                             | Tie Plates  | Deck, Material and thickness      | Teak where exposed 2 1/2 P.P.       |           |
| Spacing   | 48                       | 48              | 48                             | Bridge Deck Stringer Plate, br'dth & thickness                          | Angle on ditto                    |                                     |           |
| BEAMS, Bridge Deck, Angle, Bulb Angle, Plate                      | 8 3/2                    | 12              | 8 3/2                          | Tie Plates  | Deck, Material and thickness      | Teak where exposed 2 1/2 P.P.       |           |
| Angle, Plate or Tee Bulb  | 48                       | 48              | 48                             | Forecastle Deck Stringer Plate, br'dth & th'kns                         | Angle on ditto                    |                                     |           |
| Angles on upper edge  | 48                       | 48              | 48                             | Tie Plates  | Deck, Material and thickness      | Teak 3                              |           |
| Spacing   | 48                       | 48              | 48                             | Are the outside Plates doubled two spaces of Frames in length?          | App'd liners                      |                                     |           |
| PILLARS, In 'tween Deck, size and spacing                         | 2 1/2 x 2 1/2            | 3 1/2           | 4 1/2                          | Are the Stowage Valves and Watertight Doors in efficient working order? | Yes                               |                                     |           |
| Hold  | 3 1/2 x 4 1/2            | 5               | 1 1/2                          |   |                                   |                                     |           |
| Quarter 'tween Dks.   |                          |                 |                                |   |                                   |                                     |           |
| In Hold   |                          |                 |                                |   |                                   |                                     |           |
| WEB-FRAMES, In Fore Body, No. and spacing                         | 1 24 8                   | 1 24 8          | 1 24 8                         |   |                                   |                                     |           |
| br'dth. & thickness   | with additional reverses |                 |                                |   |                                   |                                     |           |
| WEB-FRAMES, In E. & B. Space, No. & spacing                       | and partition bulk       |                 |                                |   |                                   |                                     |           |
| br'dth. & thickness   |                          |                 |                                |   |                                   |                                     |           |
| WEB-FRAMES, In After Body, No. and spacing                        |                          |                 |                                |   |                                   |                                     |           |
| br'dth. & thickness   |                          |                 |                                |   |                                   |                                     |           |
| No. of Side Stringers   |                          |                 |                                |   |                                   |                                     |           |
| Size of Angles or Tee Bars to Web-Frames                          |                          |                 |                                |   |                                   |                                     |           |
| BRACKET PLATES to Stringers between                               |                          |                 |                                |   |                                   |                                     |           |
| Web Frames, depth and thickness                                   |                          |                 |                                |   |                                   |                                     |           |



