

# Awning or Shelter Deck, or Pt. Awning Deck.

## STEEL STEAMER.

No. 61026

State if Report is also sent on the Machinery of the Vessel. *Yes*

Port of *Newcastle* Date of completion of Report *4 Oct. 1910* Received at London Office *FRISER 15.10.11*  
Survey held at *Newcastle* Date, First Survey *4 Oct. 1910* Last Survey *12 September 1911*  
On the *Steel Steamer "PANCRA"* Rig *Schooner*

TONNAGE under 3607.36  
Tonnage Deck...  
Do. between Tonnage Dk and 3rd, 4th, or Awning Dk.  
Total under Upper Dk. 177.55  
Do. of Poop 177.55  
Do. of R. Qr. Dk. 303.36  
Do. of Bridge House 84.92  
Do. of Forecastle 285.36  
Do. of Houses on Deck 57.28  
Do. of excess of Hatchways 4436.03  
Do. above Crown of Engine Room 141.43  
Gross Tonnage 4237.32  
Less Crew Space 141.43  
WAGE FOR FEES... 1419.53  
Navigation Spaces 65.95  
W. B. Spaces  
Register Tonnage 2809.12  
Cut on Beam...

CLASS 100A1 "SHELTER DK" FEET.  
Breadth (greatest moulded) 50.0  
Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 33.75  
Deduct height of 'tween deck when this does not exceed 8ft. 7.75  
Transverse Number 76.00  
Length on deck from fore part of stem to after part of sternpost 375.83  
Longitudinal Number 2838.1  
Depth "d" at middle of length. See Secs. 2 & 13 15.1  
Proportions, Depth to Length, Uppermost Continuous Deck at side to top of keel 11.13  
" " Upper Deck at side to top of keel 14.45  
Destined Voyage *Brasil*

Master *W. HARVEY*  
Year of Appointment (1) As Master in service of owner of present vessel: 1894 (2) As Master of this vessel: 10/1  
Built at *Salisbury-on-Tyne*  
When built 1911 Launched 27 April 1911  
By whom built *Hawthorn Leslie & Co.*  
Owners *North Steamship Co. Ltd.*  
Managers  
(Where necessary to be entered in Reg. Book.)  
Residence *Liverpool*  
Port belonging to *Liverpool*  
If Surveyed while Building, Afloat, or in Dry Dock *Special*

LENGTH on Ft. 375 Ins. 10 BREADTH — Ft. 50 Ins. 0 DEPTH, ACTUAL — Top of Floors to top of Awn or Shelter Dk. Beams Ft. 33 Ins. 9 No. of Decks with flat laid 3  
as per Rule Moulded 50 0 do. Upper Deck Beams 23 4 No. of Tiers of Beams 3  
Dimensions of Ship per Register, Awn or Shelter Dk. Moulded depth, ft 33 ins. 9 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 12 ins.  
Length 376.5 breadth 50.3 depth 23.6 Upper Deck. Moulded depth, ft 26 ins. 0 To Upper Dk.

| FRAMING.  |                |                |                |                 |                 | PILLARS.  |                |                |                 |                 |                 |
|---|----------------|----------------|----------------|-----------------|-----------------|---|----------------|----------------|-----------------|-----------------|-----------------|
| Plating, Angles, or E or L Bars, amidships  | Inches in Ship | Inches in Ship | Inches in Ship | Inches per Rule | Inches per Rule | PILLARS, in 'tween Deck, size and spacing   | Inches in Ship | Inches in Ship | Inches per Rule | Inches per Rule | Inches per Rule |
| Do. in peaks  | 9 3/2          | 50 9           | 3 1/2          | 50              | 3 1/2           | " " "Hold"  |                |                |                 |                 |                 |
| Do. in way of Double Bottoms at Solid Floors  | 6 1/2          | 3 1/2          | 42 6 1/2       | 3 1/2           | 42              | " " "Quarter, 'tween Dks., "  |                |                |                 |                 |                 |
| " " "at intermdt. Bkts.   | 3 1/2          | 3 1/2          | 38 3 1/2       | 3 1/2           | 38              | " " "in Hold"   |                |                |                 |                 |                 |
| Spacing of Frames from centre to centre amidships                                     | 25             |                | 25             |                 |                 | KEELSONS AND STRINGERS.   | Inches in Ship | Inches in Ship | Inches in Ship  | Inches in Ship  | Inches in Ship  |
| " " "length to collision bulkhead"  | 25             |                | 25             |                 |                 | CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate |                |                |                 |                 |                 |
| " " "of Frames from centre to centre in peaks"  | 24             |                | 24             |                 |                 | " Rider Plate   |                |                |                 |                 |                 |
| REVERSED FRAME, Angles  | 3 1/2          | 3 1/2          | 38 3 1/2       | 3 1/2           | 38              | " Flat Keel Plate Angles  |                |                |                 |                 |                 |
| Do. in way of Double bottoms at Solid Floors  | 3 1/2          | 3 1/2          | 38 3 1/2       | 3 1/2           | 38              | " Horizontal Plates on Floors   |                |                |                 |                 |                 |
| " " "at intermdt. Bkts.   | 9              |                | 9              |                 |                 | " Angles or Bulb Angles   |                |                |                 |                 |                 |
| AWNING, depth of girder   | 9              |                | 9              |                 |                 | SIDE KEELSONS, Number   |                |                |                 |                 |                 |
| ROCKERS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships      | 9              |                | 9              |                 |                 | " Angles or Bulb Angles   |                |                |                 |                 |                 |
| " " in way of Engine and Boiler spaces  | 9              |                | 9              |                 |                 | " Plate above floors, for length  |                |                |                 |                 |                 |
| " " thickness at the ends of vessel   | 9              |                | 9              |                 |                 | " Intercostal Plate, for length   |                |                |                 |                 |                 |
| " " depth at 1/2 the half-bdth. as per Rule   | 9              |                | 9              |                 |                 | " Attached to outside plating with Angle  |                |                |                 |                 |                 |
| " " height extended at the Bilges   | 9              |                | 9              |                 |                 | BILGE KEELSON, Angles   |                |                |                 |                 |                 |
| DOORS & BRACKETS, in Cell Dble Bottoms  | 38 3/6         |                | 38 3/6         |                 |                 | " Intercostal Plate, for length   |                |                |                 |                 |                 |
| " " state if flanged (top & bottom)   | Not flanged    |                | Not flanged    |                 |                 | " Attached to outside plating with Angle  |                |                |                 |                 |                 |
| " " spacing   | 25             |                | 25             |                 |                 | SIDE STRINGERS, Number  |                |                |                 |                 |                 |
| CENTRE GIRDER, in Dbl. bottom, dpth & thcknss   | 41             | 50 41          | 50 41          |                 |                 | " " Angle   |                |                |                 |                 |                 |
| " " Angles, Top   | 3 1/2          | 3 1/2          | 48 3 1/2       | 3 1/2           | 48              | " " Intercostal Plate, for full lng.  |                |                |                 |                 |                 |
| " " "Bottom   | 4 1/2          | 4 1/2          | 58 4 1/2       | 4 1/2           | 58              | " Attached to outside plating with Angle  |                |                |                 |                 |                 |
| " " "to Floors  | 3 1/2          | 3 1/2          | 38 3 1/2       | 3 1/2           | 38              | AWNING or Shelter Deck Stringer Plates, breadth and thickness                         |                |                |                 |                 |                 |
| EDGE GIRDERS, number and thickness  | 200 3/4        |                | 200 3/4        |                 |                 | " Angle on ditto  |                |                |                 |                 |                 |
| " " state if flanged (top & bottom)   | Not flanged    |                | Not flanged    |                 |                 | " Tie Plates, fore and aft, outside Hatchways   |                |                |                 |                 |                 |
| Angles  | 3              | 3              | 38 3           | 3               | 38              | " Deck * Iron or Steel, for full lng.   |                |                |                 |                 |                 |
| MARGIN PLATE, depth (exclusive of flange) and thickness                               | 31             |                | 44 31          |                 | 44              | " Wood Deck, Material & thickness   |                |                |                 |                 |                 |
| " Angles to outside plating   | 3 1/2          | 3 1/2          | 44 3 1/2       | 3 1/2           | 44              | Upper Deck Stringer Plate, breadth and thickness                                      |                |                |                 |                 |                 |
| " " to floors   | 6              | 3 1/2          | 38 6           | 3 1/2           | 38              | " Angles on ditto, No. 2  |                |                |                 |                 |                 |
| Height of Brackets above at bilge   | 23             |                | 23             |                 |                 | " Tie Plates, outside Hatchways   |                |                |                 |                 |                 |
| DECK BOTTOM PLATING, breadth and thickness of Middle Line Strake                      | 41             |                | 48 41          |                 | 48              | " Deck * Material and thickness   |                |                |                 |                 |                 |
| " " thickness in Engine and Boiler space  | 1 1/2          |                | 1 1/2          |                 |                 | Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness                      |                |                |                 |                 |                 |
| " " Remainder in Holds  | 38 3/4         |                | 38 3/4         |                 |                 | " Angles on ditto, No.  |                |                |                 |                 |                 |
| MS, Awn or Shlt'r Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel            | 7              | 3              | 40 7           | 3               | 40              | " Tie Plates outside Hatchways  |                |                |                 |                 |                 |
| " Angles on upper edge  | 25             |                | 25             |                 |                 | " Deck, Material and thickness  |                |                |                 |                 |                 |
| " Spacing   | 9 1/2          | 3 1/2          | 52 9 1/2       | 3 1/2           | 52              | POOP DECK Stringer Plate, breadth & thickness   |                |                |                 |                 |                 |
| MS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel                  | 10             | 3 1/2          | 60 10          | 3 1/2           | 60              | " Angles on ditto   |                |                |                 |                 |                 |
| " Angles on upper edge  | 50             |                | 50             |                 |                 | " Tie Plates  |                |                |                 |                 |                 |
| " Spacing   | 50             |                | 50             |                 |                 | " Deck, Material and thickness  |                |                |                 |                 |                 |
| MS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel | 10             | 3 1/2          | 60 10          | 3 1/2           | 60              | BRIDGE DECK Stringer Plate, br'dth & thickness  |                |                |                 |                 |                 |
| " Angles on upper edge  | 50             |                | 50             |                 |                 | " Angle on ditto  |                |                |                 |                 |                 |
| " Spacing   | 50             |                | 50             |                 |                 | " Tie Plates  |                |                |                 |                 |                 |
| MS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel                          | 7              | 3              | 40 7           | 3               | 40              | " Deck, Material and thickness  |                |                |                 |                 |                 |
| " Angles on upper edge  | 25             |                | 25             |                 |                 | Forecastle Deck Stringer Plate, br'dth & thickness                                    |                |                |                 |                 |                 |
| " Spacing   | 9 1/2          | 3 1/2          | 52 9 1/2       | 3 1/2           | 52              | " Angle on ditto  |                |                |                 |                 |                 |
| BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel                     | 8 1/2          | 3              | 48 8 1/2       | 3               | 48              | " Tie Plates  |                |                |                 |                 |                 |
| " Angles on upper edge  | 50             |                | 50             |                 |                 | " Deck, Material and thickness  |                |                |                 |                 |                 |
| " Spacing   | 50             |                | 50             |                 |                 | Forecastle Deck Stringer Plate, br'dth & thickness                                    |                |                |                 |                 |                 |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel                 | 8 1/2          | 3              | 48 8 1/2       | 3               | 48              | " Angle on ditto  |                |                |                 |                 |                 |
| " Angles on upper edge  | 50             |                | 50             |                 |                 | " Tie Plates  |                |                |                 |                 |                 |
| " Spacing   | 50             |                | 50             |                 |                 | " Deck, Material and thickness  |                |                |                 |                 |                 |



[illegible]



| EQUIPMENT. No. 31393. LETTER X. ANCHORS. |                   |                   |      |      |                 |      |      |                       |       |      |                          |       |       |                        |                   |   |
|--|-------------------|-------------------|------|------|-----------------|------|------|-----------------------|-------|------|--------------------------|-------|-------|------------------------|-------------------|---|
| Number of Certificate.                   | Anchors.          | WEIGHT, EX. STOCK |      |      | WEIGHT OF STOCK |      |      | TEST, PER CERTIFICATE |       |      | WEIGHT REQ. BY TABLE 31. |       |       | Description of Anchor. | Makers.           | Where and when tested and Superintendent. |
|  |                   | Cwts.             | qrs. | lbs. | Cwts.           | qrs. | lbs. | Tons.                 | cwts. | qrs. | lbs.                     | Cwts. | qrs.  |                        |                   |   |
| 64937                                    | 1st Bower         | 60                | 2    | 21   | Stockless       | 48   | 15   | 0                     | 0     | 56   | 1                        | 0     | Halls | H. Huxley & Son        | Wetherton 18/4/10 |   |
| 64938                                    | 2nd "             | 60                | 1    | 5    | "               | 48   | 12   | 2                     | 0     | 56   | 1                        | 0     | "     | "                      | "                 |   |
| 64936                                    | 3rd "             | 50                | 3    | 14   | "               | 42   | 18   | 1                     | 21    | 47   | 2                        | 0     | "     | "                      | "                 |   |
|  | Collective weight | 171               | 3    | 12   |                 |      |      |                       |       | 160  | 0                        | 0     |       |                        |                   |   |
| 64970                                    | Stream            | 16                | 1    | 22   | 4               | 10   | 17   | 16                    | 1     | 0    | 15                       | 0     | 0     | Ordinary               | H. Huxley & Son   | Wetherton 1/12/10                         |
| 64968                                    | Kedge             | 7                 | 0    | 7    | 1               | 3    | 9    | 7                     | 0     | 21   | 6                        | 2     | 0     | "                      | "                 | "   |

| CHAIN CABLES.          |                           |        |                       |            |                        |           |                                |       |              | HAWERS AND WARPS. |  |                |                           |       |                                      |                                |       |  |  |
|------------------------|---------------------------|--------|-----------------------|------------|------------------------|-----------|--------------------------------|-------|--------------|-------------------|--|----------------|---------------------------|-------|--------------------------------------|--------------------------------|-------|--|--|
| Number of Certificate. | Length and Size supplied. |        | Test per Certificate. |            | WEIGHT OF CHAIN CABLE. |           | Fathoms and Size Per Table 31. |       | Description. | Makers of Cables. | Where and when tested, and Superintendent. | Material.      | Length and Size supplied. |       | Breaking Test of Steel Wire Towline. | Fathoms and size per Table 31. |       |  |  |
|                        | Length.                   | Diam.  | Stato-ry.             | Break-ing. | Supplied.              | Per Rule. | Length.                        | Diam. |              |                   |  |                | Length.                   | Cir.  |                                      | Length.                        | Cir.  |  |  |
| 2921                   | 135                       | 2 3/16 | 86                    | 18         | 20                     | 2324      | 0.14                           |       | Stud         | H. Huxley & Son   | Wetherton 1/1/10                           | TOWLINE        | 190                       | 5 1/2 | 71                                   | 120                            | 4 1/2 |  |  |
| 226                    | 135                       | 2 3/16 |                       |            |                        | 323       | 0.11                           |       |              |                   |  | HAWERS & WARPS | 190                       | 3     | 18                                   |                                |       |  |  |
|                        | 270                       | 2 3/16 |                       |            |                        | 647       | 0.25                           | 608   | 2.14         | 270               | 2 3/16                                     |                | 190                       | 2 1/2 | 12 1/2                               | 4/10                           | 7     |  |  |
| Stream                 | 120                       | 4 1/2  | 39                    |            |                        |           |                                | 90    | 4 1/2        | S.S.W.            | Warrington 29/8/11                         |                | 190                       | 8     |                                      |                                |       |  |  |
| el Wire                |                           |        |                       |            |                        |           |                                |       |              |                   |  |                |                           |       |                                      |                                |       |  |  |

ats 5 Posts Steering Gear, Steam *Charn Moss Co.* Steering Gear, Hand *Charn Moss Co.*

mps, Number *Sourton Pump to hold.* Diameter of Barrel *5* State whether they are in efficient working order *Yes.*

adlass is *Clarke, Chapman & Co. patent steam* Capstan *direct action*

ine Room Skylights.—How constructed? *Steel plates & angle* What arrangements for deadlights in bad weather? *Rolls' eyes*

al Bunker Openings.—How constructed? *Hatchways in bulkheads* Are lids secured? *Safely* Height above deck? *7ft.*

number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *6 Scuppers each side*

ling in Holds, thickness and material *2 1/2" culvert plate* Cargo Batts, thickness and material *7 x 2 1/2" culvert plate*

go Hatchways.—How formed? *Cosmoline plate & angle* Hatches, If strong and efficient? *Yes*

e size No. 1 Hatch (Forward) *20'0" x 16'0"* No. 2 Hatch *24'11" x 16'0"* No. 3 Hatch *22'4" x 16'0"* No. 4 Hatch *20'0" x 16'0"*

number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *4 webs in No. 1 & 4 hatchways, 5 in No. 2 & 3.*

No. of Breasthooks *5* No. of Crutches *2*

lworks, height above deck and description *4 in rails* Main Rail and Stays, material and size *1/2" x 1/2"*

foregoing is a correct description.

ider's Signature (here only) *John Bates* Surveyor's Signature *M. S. S. S.* Surveyor to Lloyd's Register of British and Foreign Shipping.

responde.—State date and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)

*24/2/10 - 24/2/10 - 3/3/10 - 3/3/10 - 3/3/10 - 8/4/10 - 19/5/10 - 7/6/10 - 15/6/10 - 27/8/11 - 19/4/11*

orkmanship. Are the butts of plating planed or otherwise fitted? *Planed*

he riveted work properly closed? *Yes*

the liners between the frames and plates solid single pieces? *Yes* Do the holes for riveting plate to frames, butt straps, or plate

to plate, &c., conform well to each other? *Yes* Are the rivet holes well and sufficiently countersunk in the plate and punched

from the faying surfaces? *Yes* Do any rivets break into or through the seams or butts of the plating? *A few*

the butts of Plating, Stringers, &c. properly shifted and strapped? *Yes*

ve all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? *Yes* State results of tests *Satisfactory*

ve all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *Yes* State results of tests *Satisfactory*

eneral Remarks (State quality of workmanship, &c.)

*This vessel has been built in accordance with the approved plans, the Secretary's letter & in general conformity with the Rules for the 100 H.P. Class "Steel Deck".*

*The material & workmanship are satisfactory & of good quality.*

*The freeboards assigned by the Committee have been marked on the vessel's sides & verified.*

*The decks & tunnel have been tested by hoseing & found satisfactory.*

*This vessel was built as a motor ship to the value of £10,000.*

*P.S. Stephen, Nicos. First Entry Report No. 57533, & to this S. Denis' First Entry Report No. 60417 and was afterwards placed in Dry Dock & strengthened forward of bridge by 20'0"*

The Surveyor should state the Number of Report and Name of any Sister Vessel.

Amount of Entry Fee ..... £ 5 : 0 : 0 Fees applied for, *SEP 14 1911*

Special Survey Fee .... £ 10 : 18 : 6 Received by me, *25.9.19*

Travelling Expenses, if any £ 1 : 0 : 0

State whether the Vessel has been built under Special Survey

I am of opinion this Vessel should be Classed *+ 100 H.P. Steel Deck*

With, or without Freeboard, as condition of Class *with*

Committee's Minute *TUE. SEP 19 1911*

Character assigned *100 H.P. steel dk. with fwd*

*Lloyd's at 8.11*





GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ✓ ft., Bridge 116 ft. Forecastle ✓ ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated Complete Structure on top.

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) 2 Dks (etc) + Slutta D (etc)

Official No. \_\_\_\_\_; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft No.

How are the surfaces preserved from oxidation? Inside Pittsford cement paint. Outside Paint.

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

| Where Fitted.                             | *Length.<br>Feet. | Water Capacity.<br>Tons. | Where Fitted.  | *Length.<br>Feet. | Water Capacity.<br>Tons. |
|---|-------------------|--------------------------|--|-------------------|--------------------------|
| Double bottom, aft,                       | <u>108</u>        | <u>265</u>               | Fore peak tank,  |                   | <u>60</u>                |
| Double bottom, under Engines and Boilers, |                   |                          | After peak tank,                                       |                   | <u>32</u>                |
| Double bottom, if under Engines only,     | <u>23</u>         | <u>74</u>                | Deep tank, aft,  | <u>33</u>         | <u>625</u>               |
| Double bottom, if under Boilers only,     |                   |                          | Deep tank, forward,                                    |                   |                          |
| Double bottom, forward,                   | <u>171</u>        | <u>465</u>               | Other tanks, if fitted,                                |                   |                          |
| Total capacity of double bottom           |                   | <u>804</u>               | (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. 4205

Date 11.8.10.

No. 442, in builder's yard.

Dates of Surveys held while building

1910  
Oct. 4. 6. 18. 27. 31. Dec. 20. 21. 30. Jan. 4. 10. 13. 16. 20. 25. Feb. 3. 6. 20. 22. 24. 28.  
Mar. 2. 9. 15. 22. Apr. 3. 10. 13. 19. 21. 25. May 8. 9. 13. 15. Jul. 6. Aug. 3. 4. 9. 22. 25. Sep. 1.

Surveyor's Signature



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Total No. of Visits 41

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