



| Ceiling betwixt Decks, thickness and material<br>in hold do. do. | BULKHEADS.      |         | No. in Vessel                       |            | No. Reqd. by Rule           |  |
|------------------------------------------------------------------|-----------------|---------|-------------------------------------|------------|-----------------------------|--|
|                                                                  | Thickness       | Angles. | Spacing.                            | Height up. | Sngl. or Dbl. Frames.       |  |
| 2 1/2 in                                                         | W. T. BULKHEADS | 7.6/20  | Vrtcl. 5.3.8/4<br>Hrzncl. 5.3.8/4   | 30<br>48   | all to upper deck<br>double |  |
| Number of Breasthooks                                            | PARTITIONS      | Peak    | Vrtcl. 5.3.8/4<br>Hrzncl. 7.2.3.8/4 | 30<br>48   |                             |  |
| Crutches                                                         | LONGITUDINAL    | 5/16    | Vrtcl. 7.3.8/4                      | 48         |                             |  |

Are the outside Plates doubled two spaces of Frames in length? **Yes**  
 The FRAMES extend in one length from **Middle line to tank side, thence to gunwale** riveted through Plates with **7/8** in. Rivets, about **6 1/2** apart  
 The REVERSED ANGLE on floors and frames extend from **2 frames all to upper deck**

**RIVETING OF EDGES AND BUTTS OF SHELL PLATING AND BUTTS OF STRINGER PLATES, TIE PLATES, KEELSONS, &c.**

**Garboard**, double riveted to Box Keel or Flat Plate Keel, with rivets **1** in. diameter, averaging **4** ins. from centre to centre.  
**Edges of Garboards** and to upper part of Bilge, worked clencher, **all** double riveted; with rivets **7/8** in. diameter, averaging **3 3/8** ins. from centre to centre.  
**Butts from Keel to turn of Bilge**, worked carvel, treble or double riveted; treble for **whole** length; with rivets **7/8** in. dia., averaging **3 3/8** ins. from cr. to cr.  
 " " " " overlapped for **whole** length, treble riveted for **whole** length; with rivets **7/8** in. dia., averaging **3 3/8** ins. from cr. to cr.  
**Butts of** Strakes at Bilge for **whole** length, treble riveted with Butt Strap **thicker than the plates they connect.**  
**Edges from Bilge to Main Sheerstrake**, worked clencher, double or single riveted; with rivets **7/8** in. diameter, averaging **3 3/8** ins. from centre to centre.  
**Butts from Bilge to Main Sheerstrake**, worked carvel, treble or double riveted; treble for **whole** length; with rivets **7/8** in. dia., averaging **3 3/8** ins. from cr. to cr.  
 " " " " overlapped for **whole** length, treble riveted for **whole** length; with rivets **7/8** in. dia., averaging **3 3/8** ins. from cr. to cr.  
**Edges of Main Sheerstrake**, double or single riveted. **Spar or Awning Sheerstrake**, double or single riveted.  
**Butts of Main Sheerstrake**, treble riveted for **whole** length amidships. **Butts of Spar or Awning Sheerstrake**, treble riveted **whole** length amidships.  
**Butts of Main Stringer Plate**, treble riveted for **half** length amidships. **Butts of Spar or Awning Stringer Plate**, treble riveted for **whole** length.  
 " " " " Single or Double Straps for **whole** length.  
**Butts of Inner Bottom Plating** **double** riveted for **half** length. **Butts of Centre Girder** **treble** riveted.  
**Breadth of edge laps of Shell Plating** in double riveting **6.5/8 x 4 1/2** Breadth of edge laps of Shell Plating in single riveting **4**  
**Butt Straps of Shell Plating**, breadth and thickness **19 x 19/20** **Butts, if Lapped**, breadth of laps **11 1/2 x 9**  
**Butt Straps of Keelsons, Stringer and Tie Plates**, treble or double, riveted **treble and double**

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? **Steel plate, Corus, Steel angles, Palmers, Borman & Long, Iron plates Hill & Co, Stockton Malleable, Iron angles, Pygack**  
**Workmanship.** Are the butts of plating planed or otherwise fitted? **Planed**  
 Is the riveted work properly closed? **Yes**  
 Are 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**  
 from the faying surfaces? **Yes** Are the rivet holes well and sufficiently countersunk in the plate and punched  
 Are the butts of Plating, Stringers, &c., properly shifted and strapped? **Yes** Do any rivets break into or through the seams or butts of plating? **Yes**

**MASTS, SPARS, &c.**

| LOWER MASTS.... | Material. | Total length. | DIAMETER AND THICKNESS. |        |            |            | No. of Plates in round. | ANGLES. |        | RIVETING. |        |
|-----------------|-----------|---------------|-------------------------|--------|------------|------------|-------------------------|---------|--------|-----------|--------|
|                 |           |               | At Partners.            | Heel.  | Hounds.    | Head.      |                         | Number. | Size.  | Seams.    | Butts. |
| Fore Mast       | 53-9      | -             | 20 x 7/16               | 16 x 6 | 16 1/2 x 6 | 13 1/2 x 6 | Two                     | -       | Single | Lapped    |        |
| Main Mast       | 56.3      | -             | 20 x 7/16               | 16 x 6 | 16 1/2 x 6 | 13 1/2 x 6 | Two                     | -       | Single | Lapped    |        |
| Mizen Mast      |           |               |                         |        |            |            |                         |         |        |           |        |

Bowsprit **4**  
 Topmasts, Yards and Remainder of Spars **pitch pine**  
**Rigging**, Material and Size, **Shrouds** **Sailed wire 3/4**  
**Sails**, **One complete** Suit of **Schooner**  
 Sails and the following spare sails **Stays 4**

**EQUIPMENT No. 27137 LETTER S ANCHORS.**

| Number of Certificate. | Description of Anchor. | WEIGHT, EX STOCK |      |      | WEIGHT OF STOCK |      |      | TEST, PER CERTIFICATE. |       |      | WEIGHT REQ. P'R RULE |       |      | Makers. | Where and when tested and Superintendent. |                                  |
|------------------------|------------------------|------------------|------|------|-----------------|------|------|------------------------|-------|------|----------------------|-------|------|---------|-------------------------------------------|----------------------------------|
|                        |                        | Cwts.            | qrs. | lbs. | Cwts.           | qrs. | lbs. | Tons.                  | Cwts. | qrs. | lbs.                 | Cwts. | qrs. |         |                                           | lbs.                             |
| 25766                  | 1st Bower              | 32               | 0    | 0    | 8               | 1    | 14   | 30                     | 2     | 2    | 0                    | 32    | 0    | 0       | Rodgers                                   | London & Co R. War. Con 9.1.94   |
| 25765                  | 2nd "                  | 31               | 0    | 14   | 8               | 0    | 0    | 29                     | 9     | 1    | 14                   | 31    | 0    | 0       | Rodgers                                   | " " " 9.1.94                     |
| 25767                  | 3rd "                  | 28               | 3    | 14   | 7               | 1    | 7    | 27                     | 15    | 2    | 14                   | 28    | 1    | 0       | Rodgers                                   | " " " 9.1.94                     |
|                        | 4th "                  |                  |      |      |                 |      |      |                        |       |      |                      | 91    | 1    | 0       |                                           |                                  |
|                        | Collective weight      | 92               | 0    | 0    |                 |      |      |                        |       |      |                      |       |      |         |                                           |                                  |
| 24320                  | Stream                 | 10               | 2    | 0    | 3               | 0    | 0    | 12                     | 8     | 3    | 0                    | 10    | 2    | 0       | Rodgers                                   | London & Co R. War. Con 29.10.92 |
| 25601                  | Kedge                  | 5                | 1    | 21   | 1               | 1    | 21   | 7                      | 16    | 1    | 0                    | 5     | 1    | 0       | Rodgers                                   | London & Co " " " 24.11.93       |
|                        | 2nd Kedge              |                  |      |      |                 |      |      |                        |       |      |                      |       |      |         |                                           |                                  |

**HAWSERS AND WARPS.**

| Number of Certificate. | Fathoms | Size. | Test per Certificate Tons. | Weight of Chain Cable. | Fathoms & Size. Per Rule. | Description. | Makers of Cables.       | Where and when tested, and Superintendent. | Material.     | Fathoms. | Size. | Fathoms & Size. Per Rule. |       |
|------------------------|---------|-------|----------------------------|------------------------|---------------------------|--------------|-------------------------|--------------------------------------------|---------------|----------|-------|---------------------------|-------|
|                        |         |       |                            |                        |                           |              |                         |                                            |               |          |       | Fathoms.                  | Size. |
| 10554                  | 240     | 1 1/2 | 578.823                    | 398.0.22               | 240.1 1/2                 | Steel link   | London & Co R. War. Con | 16.12.93                                   | Towline Steel | 90       | 4.33  | 90.4.33                   |       |
| 10692                  | 75      | 1 1/2 | 224.348                    | 49.2.8                 | 75.1 1/2                  | Steel link   | " " "                   | " " "                                      | Hawser Steel  | 90       | 3 1/2 | 90.9 1/2                  |       |
|                        |         |       |                            |                        |                           |              |                         |                                            | Steel         | 90       | 2 1/2 | 90.7 1/2                  |       |
|                        |         |       |                            |                        |                           |              |                         |                                            | Steel         | 90       | 2 1/2 | 90.7 1/2                  |       |

**Boats** **Two life and two others** Diameter of Barrel and Tail Pipe **5 and 2 1/2**  
**Pumps**, Number **Nine hand pumps**  
 The Windlass is **Cumson & Walker Thompson & Co** Capstan **4**  
**Engine Room Skylights**.—How constructed? **Iron**  
 What arrangements for deadlights in bad weather? **Solid shutters & hole eyes**  
**Coal Bunker Openings**.—How constructed? **Iron casings** How are lids secured? **Hatch bars** Height above deck? **16"**  
 Number of Scuppers, and number and dimensions of Freeing Ports, &c. **Five scuppers on each side and four freeing ports 2.11 x 1.11 each side**  
**Cargo Hatchways**.—How formed? **Iron casings as usual** Hatches.—If strong and efficient? **Yes Solid**  
 State size No. 1 Hatch (Forward) **20 x 14.0** No. 2 Hatch **22.0 x 14.0** No. 3 Hatch **20.0 x 14.0** No. 4 Hatch **20.0 x 14.0**  
 Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch **One web plate Nos. 3 & 4. Two webs in No. 2 hatch**  
**Bulwarks**, height above deck and description **3.9 plating** Main Rail, material and size **Ball angle & half round**

The above is a correct description  
 Builder's Signature (here only) **Wm. D. Sharp** Surveyor's Signature **William D. Sharp**  
 Surveyor to Lloyd's Register of British and Foreign Shipping.

Form No. 1 C.

The Surveyors are requested not to write on



Order for Special Survey No. 3859  
 Date 3 July 93.  
 Order for Ordinary Survey No. -  
 Date -  
 in builder's yard. 230

DATES of Surveys held while building as per Section 18.

|                                                                                           |                                                           |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| 1st. On the several parts of the frame, when in place, and before the plating was wrought | 1893 Jan 12, 14, 16 July 3, 5, 7, 17, 26, 31 August 4     |
| 2nd. On the plating during the process of riveting                                        | 8, 9, 15, 22, 25 Sept. 4, 9, 18, 21, 26, Oct. 2, 3, 6, 10 |
| 3rd. When the beams were in and fastened, and before the decks were laid                  | 19, 20, 24, 26, 30, Nov. 1, 4, 6, 7, 8, 10, 12, 15, 22    |
| 4th. When the ship was complete, and before the plating was finally coated or cemented    | 24, 27, 28 December 2, 6, 8, 13, 14, 15, 22, 28           |
| 5th. After the ship was launched and equipped                                             | 1894 Jan 2, 4, 6, 8, 9, 11, 13, 15                        |

Total No. of Visits 57

ates and initials of letters respecting this case 1893. Jan 10, 15, 17, 26 July 21

**Remarks** (State quality of workmanship, &c.)  
 This is a Steel Part Awning deck Steamer, built in accordance with the plans as approved by the Committee, Secretary's letters of above dates and in general conformity with the Rules for the \*100 A.1 Grade.  
 The workmanship and materials are good throughout. Decks flooded, Pumps and watertight doors in working order. This vessel is a duplicate of George Hoyle and William Middleton excepting that this vessel is fitted with 2 frames less difference in size of web frames, and length of cellular bottom, and deck board up instead of sunk poop.

**REGULATIONS FOR RECORD in the REGISTER BOOK.**—Length of Poop ft., R.Q.D. or Break 120 ft., Bridge Dk. 120 ft., F'castle 29.8 ft., and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated The mid quarter deck & raised fore deck are joined  
 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 appears in the Register Book) 1 Deck steel, 4th frames, Part awning deck with freeboard  
 No. -; Signal Letters -

**REGULATIONS OF WATER BALLAST—**  
 Bottom, aft, length - and water capacity in tons -. Double bottom, forward, length - and water capacity in tons -  
 Bottom, under engines and boilers, length - and water capacity in tons -. If under Engines only, or Boilers only, state which -  
 Bottom, constructed on the cellular system, length 230 and water capacity in tons 629  
 Tank, water capacity in tons -. After peak tank, water capacity in tons 71  
 Deep tank, length - and water capacity in tons -. Other tanks, if fitted, length - and water capacity in tons -  
 Above have all been tested as required by the Rules.  
 Surveyors, furnish further information by sketches  
 The surfaces preserved from oxidation? Inside Portland Cement & Paint Outside Paint

**DEPTH** assigned by the Committee, as per Secretary's letter, dated 1<sup>st</sup> December 1893  
 In Summer 8 ft. 8 1/2 ins.  
 In Winter 9 ft. 0 ins.  
 For Winter in North Atlantic 9 ft. 4 ins.  
 Fresh Water above the centre of disc 4 1/2 ins.  
 To top of Wood, Iron or Steel Upper, Span, Awning, or Part Awning Deck.  
Statutory Deck line 1 1/2  
 of Entry Fee £ 5 - - is received by me, W. L. S. \* Certificate to be sent to -  
 Special £ 88: 3 - - 20. 1. 1894  
 Certificate £ - - -  
 Travelling Expenses, if any £ - - -  
 on this Vessel should be Classed \* 100-A.1 Part Awning Deck Steel with freeboard William L. Sharpe  
 Surveyor to Lloyd's Register of British & Foreign Shipping.

Secretary's Minute FRI 19 JAN 1894  
 assigned 100A1 Steel pt. Awning deck with freeboard 58 1/2  
 This vessel appears to have been built in accordance with the Rules and the approved plans, and it is submitted also is eligible to be classed 100 A1 ("Steel") Part Awning Deck with freeboard, as recommended. The dimensions foreboard of 8-8 1/2 from centre of disc to top of statutory deck line at part awning deck, any mark on the vessel's side to be inserted in the Classification Certificate and recorded in the Register Book, and further the remaining particulars as shown in the accompanying specification form to be inserted in the Certificate of Classification.  
100 A1 ("Steel") Part Awning Deck with freeboard (St) & web frames & pt. awning deck  
N.B. = Cell 28.2 (particulars above)  
F.K.

Hull Certificate Written.  
 Lloyd's Register Foundation

See also Ramsey  
 Apr 11 94

W. L. S.  
 attached

