

Sailing Vessel. ~~IRON OR~~ STEEL SAILING SHIP.Port of *Greenock* Date of completion of Report *28<sup>th</sup> September 1894* Received at London Office  
Survey held at *Port Glasgow* Date of First Survey *May 14<sup>th</sup>* Last Survey *24<sup>th</sup> September 1894*  
On *Tarnassos* Rig *Ship*

T<sup>o</sup> under Deck } *184.59*  
Do. of Bridge House } *83.52*  
Do. of Forecastle } *8.07*  
Do. of Houses on Deck } *34.81*  
Do. of excess of Hatch } *ye*  
Gross Tonnage *2000.98*  
Less Crew Space *55.25*  
TONNAGE FOR FEES.. *1945.73*  
Less Navigation spaces *90.38*  
Register Tonnage } *1855.35*  
as cut on Beam.... }

CLASS *100A1.*

Half Breadth (moulded)..... *20.50*  
Depth from upper part of Keel to top of Upper Deck Beams *25.84*  
Girth of Half Midship Frame (as per Rule)..... *42.10*  
1st Number ..... *88.44*  
Length ..... *258.0*  
2nd Number..... *228.25*  
Proportions—Breadths to Length ..... *6.29*  
Depths to Length—Upper Deck to top of Keel ..... *9.94*  
Destined Voyage *Colombo* If Surveyed while Building, Afloat, or in Dry Dock *Building and Afloat*

Master *D. Mangels*  
Year of Appointment (1) As master in service of owner of present vessel:—*1894*  
(2) As master of this vessel:—*1894*  
Built at *Port Glasgow*  
When built *1894* Launched *4<sup>th</sup> Sept.*  
By whom built *Russell & Co*  
Owners *W. W. W. & Son*  
Managers  
(Where necessary to be entered in Reg. Book.)  
Residence *Hamburg, Germany*  
Port belonging to *Hamburg*

LENGTH on deck as per rule..... *258 0* Feet. Inches. BREADTH—Moulded..... *41 0* Feet. Inches. DEPTH—Top of Floors to Upper Deck Beams.. *23 8½* Feet. Inches. No. of Decks with Flat laid *Two*  
No. of Tiers of Beams *Two*  
Dimensions of Ship per Register, Length, *240.7* breadth, *41.2* depth, *23.35* Moulded depth, ft. *23 8½* Round up of Beam *95* ins.

| FORGINGS AND CASTINGS.                                      | Inches in Ship. | Inches per Rule. Or as Approved. | KEELSONS AND STRINGERS.  | Inches in Ship.  | Inches in Ship. | 20ths in Ship.   | Inches per Rule Or as Approved. | Inches per Rule Or as Approved. | 20ths in Ship.          |
|---|-----------------|----------------------------------|--|--|-----------------|--|---------------------------------|---------------------------------|-------------------------|
| KEEL, Bar or Side Plates, depth and thickness               | <i>10 x 2½</i>  | <i>10 x 2½</i>                   | CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate | <i>20</i>  | <i>13</i>       |  | <i>20</i>                       | <i>13</i>                       |                         |
| STEM, moulding and thickness.....                           | <i>10 x 2½</i>  | <i>10 x 2½</i>                   | „ Rider Plate.....   | <i>12½</i>   | <i>13</i>       |  | <i>12½</i>                      | <i>13</i>                       |                         |
| STERN POST, do. do. ....                                    | <i>10 x 2½</i>  | <i>10 x 2½</i>                   | „ Bulb Plate to Intercoastal Keelson .....   |  |                 |  |                                 |                                 |                         |
| MAIN-PIECE of RUDDER, diameter at head..                    | <i>4</i>        | <i>4</i>                         | „ Horizontal Plates above floors .....   | <i>6</i>   | <i>4</i>        | <i>9</i>   | <i>6</i>                        | <i>4</i>                        | <i>9</i>                |
| „ „ „ at heel ..  | <i>3½</i>       | <i>3½</i>                        | „ Angles .....   | <i>6</i>   | <i>4</i>        | <i>9</i>   | <i>6</i>                        | <i>4</i>                        | <i>9</i>                |
| RUDDER, how constructed <i>Iron frame &amp; side plates</i> |                 |                                  | SIDE KEELSON, Angles .....   | <i>6</i>   | <i>4</i>        | <i>9</i>   | <i>6</i>                        | <i>4</i>                        | <i>9</i>                |
| Can the Rudder be unshipped afloat? <i>Yes</i>              |                 |                                  | „ Bulb or Plate above floors for .....   |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | „ Intercoastal Plate <i>as far as practicable</i>                                      | <i>3½</i>  | <i>3½</i>       | <i>9</i>   | <i>3½</i>                       | <i>3½</i>                       | <i>9</i>                |
|   |                 |                                  | „ Attached to outside Plating with Angle..   | <i>6</i>   | <i>4</i>        | <i>9</i>   | <i>6</i>                        | <i>4</i>                        | <i>9</i>                |
|   |                 |                                  | BILGE KEELSON, Angle .....   | <i>6</i>   | <i>4</i>        | <i>9</i>   | <i>6</i>                        | <i>4</i>                        | <i>9</i>                |
|   |                 |                                  | „ Bulb above floors for .....  |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | „ Intercoastal Plates for .....  |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | „ Attached to outside Plating with Angle..   |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | BILGE STRINGER, Angles .....   | <i>6</i>   | <i>4</i>        | <i>9</i>   | <i>6</i>                        | <i>4</i>                        | <i>9</i>                |
|   |                 |                                  | „ Bulb Plate <i>from aft to panting stringer</i>                                       | <i>10</i>  | <i>10</i>       |  | <i>10</i>                       | <i>10</i>                       |                         |
|   |                 |                                  | „ Intercoastal Plates for .....  |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | „ Attached to outside Plating with Angle   |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | SIDE STRINGER, Angles .....  | <i>6</i>   | <i>4</i>        | <i>9</i>   | <i>6</i>                        | <i>4</i>                        | <i>9</i>                |
|   |                 |                                  | „ Bulb Plate for <i>whole</i> length .....   | <i>10</i>  | <i>10</i>       |  | <i>10</i>                       | <i>10</i>                       |                         |
|   |                 |                                  | „ Intercoastal Plate for .....   |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | „ Attached to outside Plating with Angle   |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | UPPER SIDE STRINGER, Angles .....  |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | „ Bulb Plate for .....   |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | „ Intercoastal Plate for .....   |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | „ Attached to outside Plating with Angle   |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | Main Deck Stringer Plate, breadth and thickness .....                                  | <i>54</i>  | <i>10</i>       | <i>54</i>  | <i>10</i>                       |                                 |                         |
|   |                 |                                  | „ Angle on ditto.....  | <i>4½ x 4½</i>   | <i>10</i>       | <i>4½ x 4½</i>   | <i>10</i>                       |                                 |                         |
|   |                 |                                  | „ Tie Plates fore and aft, outside Hatchways ..  | <i>15</i>  | <i>10</i>       | <i>15</i>  | <i>10</i>                       |                                 |                         |
|   |                 |                                  | „ Diagonal Tie Plates, No. of Pcs. <i>5</i>  | <i>15</i>  | <i>10</i>       | <i>15</i>  | <i>10</i>                       |                                 |                         |
|   |                 |                                  | „ Main Dk. * Iron or Steel for .....   |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | „ Wood Deck, Material & thickness .....  | <i>4</i>   | <i>8</i>        | <i>4</i>   | <i>8</i>                        |                                 |                         |
|   |                 |                                  | Lower Deck Stringer Plate, breadth and thickness .....                                 | <i>38</i>  | <i>9</i>        | <i>38</i>  | <i>9</i>                        |                                 |                         |
|   |                 |                                  | Is the Stringer Plate attached to the Outside Plating?                                 | <i>Yes</i>   |                 |  |                                 |                                 |                         |
|   |                 |                                  | „ Angles on ditto, No. <i>2</i>  | <i>4 x 4</i>   | <i>9</i>        | <i>4 x 4</i>   | <i>9</i>                        |                                 |                         |
|   |                 |                                  | „ Tie Plates, outside Hatchways .....  | <i>15</i>  | <i>9</i>        | <i>15</i>  | <i>9</i>                        |                                 |                         |
|   |                 |                                  | „ Diagonal Tie Plates, No. of Pcs. ....  |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | „ Deck, Material & thickness .....   | <i>2½</i>  | <i>8</i>        | <i>2½</i>  | <i>8</i>                        |                                 |                         |
|   |                 |                                  | Hold Stringer Plate.....   |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | Is the Stringer Plate attached to the Outside Plating?                                 |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | „ Angles on ditto, No. ....  |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | Poop Deck Stringer Plate, breadth & thickness  | <i>Moulded 7</i>                                       |                 |  |                                 |                                 |                         |
|   |                 |                                  | „ Angle on ditto .....   | <i>4 x 3</i>   | <i>7</i>        | <i>4 x 3</i>   | <i>7</i>                        |                                 |                         |
|   |                 |                                  | „ Tie Plates .....   | <i>11½</i>   | <i>6</i>        | <i>11½</i>   | <i>6</i>                        |                                 |                         |
|   |                 |                                  | „ Deck, Material and thickness .....   | <i>3</i>   | <i>8</i>        | <i>3</i>   | <i>8</i>                        |                                 |                         |
|   |                 |                                  | Bridge Deck Stringer Plate, breadth & thickness  |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | „ Angle on ditto .....   |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | „ Tie Plates .....   |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | „ Deck, Material and thickness .....   |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | Forecastle Deck Stringer Plate, b'dth & thkns  | <i>24</i>  | <i>7</i>        | <i>24</i>  | <i>7</i>                        |                                 |                         |
|   |                 |                                  | „ Angle on ditto .....   | <i>4 x 3</i>   | <i>7</i>        | <i>4 x 3</i>   | <i>7</i>                        |                                 |                         |
|   |                 |                                  | „ Tie Plates .....   | <i>11½</i>   | <i>6</i>        | <i>11½</i>   | <i>6</i>                        |                                 |                         |
|   |                 |                                  | „ Deck, Material and thickness .....   | <i>3</i>   | <i>8</i>        | <i>3</i>   | <i>8</i>                        |                                 |                         |
|   |                 |                                  | * If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.     |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | BULKHEADS.   | Number. In Vessel. Per Rule. Thickness. 20ths in Ship. | STIFFENERS.     | Horizontal. Vertical. Spacing. Single or Double Frames. Height up. |                                 |                                 |                         |
|   |                 |                                  | W. T. BULKHEADS  | <i>1</i>   | <i>1</i>        | <i>7-6</i>   | <i>9</i>                        | <i>30</i>                       | <i>Double Main Deck</i> |
|   |                 |                                  | PARTITION  | <i>1</i>   | <i>1</i>        | <i>4</i>   | <i>20</i>                       |                                 | <i>Lower Deck</i>       |
|   |                 |                                  | in lieu of semi-bulk beam (as per plan)  |  |                 |  |                                 |                                 |                         |
|   |                 |                                  | Are the outside Plates doubled two spaces of Frames in length? <i>Yes</i>              |  |                 |  |                                 |                                 |                         |



| PLATING.                      |                 |            |          |            |                          |           |                   |                 |         | RIVETING.                             |         |                   |          |            |            |                  |          |                  |       |
|-------------------------------|-----------------|------------|----------|------------|--------------------------|-----------|-------------------|-----------------|---------|---------------------------------------|---------|-------------------|----------|------------|------------|------------------|----------|------------------|-------|
| STRAKES.                      | AS IN SHIP.     |            |          |            | PER RULE OR AS APPROVED. |           | EDGES.            |                 |         | BUTTS.                                |         |                   |          |            |            |                  |          |                  |       |
|                               | AMIDSHIP.       |            | FORWARD. |            | AFT.                     | AMIDSHIP. | Single or Double. | Breadth of Lap. | Rivets. | Double or Treble and for what Length. | RIVETS. |                   | STRAPS.  |            | IF LAPPED. |                  | Breadth. | For what Length. | Feet. |
|                               | Breadth.        | Thickness. | Breadth. | Thickness. |                          |           |                   |                 |         |                                       | Diam.   | Spacing or to cr. | Breadth. | Thickness. | Breadth.   | For what Length. |          |                  |       |
| KEEL (Riveting) .....         | 110             | 12         | 11       | 11         |                          | 40        | Double            | 18              | 5 1/2   |                                       |         |                   |          |            |            |                  |          |                  |       |
| GARBOARD OF A Strake .....    | 54              | 11         | 9        | 9          |                          | 54        | "                 | 5 1/2           | 3/8     | 3/8                                   | 3/8     | 3/8               | 16 1/2   | 15         |            |                  |          |                  |       |
| B " .....                     | 46              | 11         | 10       | 9          |                          | 46        | "                 | "               | "       | "                                     | "       | "                 | "        | "          |            |                  |          |                  |       |
| C " .....                     | 54              | 11         | 9        | 9          |                          | 54        | "                 | "               | "       | "                                     | "       | "                 | "        | "          |            |                  |          |                  |       |
| D " .....                     | 54              | 12         | 11       | 10         |                          | 54        | "                 | "               | "       | "                                     | "       | "                 | "        | "          |            |                  |          |                  |       |
| E " .....                     | 53              | 12         | 10       | 10         |                          | 53        | "                 | "               | "       | "                                     | "       | "                 | "        | "          |            |                  |          |                  |       |
| F " .....                     | 46              | 12         | 11       | 10         |                          | 46        | "                 | "               | "       | "                                     | "       | "                 | "        | "          |            |                  |          |                  |       |
| G " .....                     | 54              | 11         | 9        | 9          |                          | 54        | "                 | "               | "       | "                                     | "       | "                 | "        | "          |            |                  |          |                  |       |
| H " .....                     | 46              | 11         | 10       | 9          |                          | 46        | "                 | "               | "       | "                                     | "       | "                 | "        | "          |            |                  |          |                  |       |
| J " .....                     | 54              | 12         | 9        | 9          |                          | 54        | "                 | "               | "       | "                                     | "       | "                 | "        | "          |            |                  |          |                  |       |
| K " .....                     | 46              | 11         | 10       | 9          |                          | 46        | "                 | "               | "       | "                                     | "       | "                 | "        | "          |            |                  |          |                  |       |
| L " .....                     | 46              | 13         | 10       | 10         |                          | 46        | "                 | "               | "       | "                                     | "       | "                 | "        | "          |            |                  |          |                  |       |
| M " .....                     | 5               |            |          |            |                          | 5         | "                 | "               | "       | "                                     | "       | "                 | "        | "          |            |                  |          |                  |       |
| N (Bottom) .....              |                 |            |          |            |                          |           | "                 | "               | "       | "                                     | "       | "                 | "        | "          |            |                  |          |                  |       |
| POOP or R. Q. DE. SIDES ..... |                 |            |          |            | 4                        | 4         | Single            | 2 1/2           | 3/4     | 3                                     | "       | 3/4               | 2 1/4    | 9 1/4      | 4          |                  |          |                  |       |
| FORECASTLE SIDES .....        |                 |            |          |            |                          |           | "                 | "               | "       | "                                     | "       | "                 | "        | "          |            |                  |          |                  |       |
| LENGTHS OF PLATING .....      | 7 Frames spaces |            |          |            |                          |           |                   |                 |         |                                       |         |                   |          |            |            |                  |          |                  |       |

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. of *James Lamkin & Co. Ltd.*  
*James Lamkin & Co. Ltd.*  
*Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c.*  
*Widened, Subrell, Highways, Subrell, Walleide*  
*Outside plating, Condit, Walleide*

Main Stringer Plate Butts, treble riveted for *half* length amidship.  
 Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted *Double*  
 Centre Girder Butts, *riveted.* Keelsons Butts, *Double* riveted.  
 Frames, riveted through Plates with *3/8* in. Rivets, about *6 1/2* in. apart.  
 Rivets, state whether of Iron or Steel *Iron*

FRAMES extend in one length from *Keel* to *Gunwale.*  
 REVERSED FRAMES on floors and frames extend from *the* middle line to *Gunwale* and to *Forecastle deck* alternately.

| MASTS AND SPARS.   |           |               |                            |        |         |        |                         |               |               | RIGGING.  |        |           |          |        |     |       |       |       |         |
|--------------------|-----------|---------------|----------------------------|--------|---------|--------|-------------------------|---------------|---------------|-----------|--------|-----------|----------|--------|-----|-------|-------|-------|---------|
| MASTS, &c.         | MATERIAL. | Total Length. | DIAMETER AND THICKNESS AT— |        |         |        | No. of Plates in Round. | No. of Ropes. | No. of Stays. | RIVETING. |        | MATERIAL. | SHROUDS. | STAYS. | No. | Size. | No.   | Size. | Inches. |
|                    |           |               | Partners.                  | Heel.  | Hounds. | Head.  |                         |               |               | Scams.    | Butts. |           |          |        |     |       |       |       |         |
| LOWER MASTS &c.    |           |               |                            |        |         |        |                         |               |               |           |        |           |          |        |     |       |       |       |         |
| Fore .....         | Steel     | 89.0          | 29 x 9                     | 22 x 8 | 20 x 8  | 20 x 8 | 2                       | 4             | 4             | 3 x 8     | Double | Galv.     | 5        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Main .....         | "         | 81.3          | 24 x 9                     | 21 x 8 | 22 x 8  | 18 x 7 | 2                       | 3             | 3             | 3 x 8     | "      | "         | 4        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Mizen .....        | "         | 81.3          | 24 x 9                     | 21 x 8 | 22 x 8  | 18 x 7 | 2                       | 3             | 3             | 3 x 8     | "      | "         | 4        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Jigger .....       | "         | 81.3          | 24 x 9                     | 21 x 8 | 22 x 8  | 18 x 7 | 2                       | 3             | 3             | 3 x 8     | "      | "         | 4        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| BOWSPRIT .....     | Galv.     | 22.3          | 26 x 8                     | 18 x 7 | 18 x 7  | 8 x 5  | 2                       | 4             | 4             | 1 1/2 x 8 | "      | Chain     | 2        | 1      |     |       |       |       |         |
| Fore .....         | "         | 46.3          | 20 x 8                     | 16 x 6 | 16 x 6  | 8 x 5  | 2                       | 2             | 2             | 1 1/2 x 8 | Single | Galv.     | 3        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| TOPMASTS .....     | "         | 54.3          | 16 x 8                     | 13 x 6 | 13 x 6  | 8 x 5  | 2                       | 2             | 2             | 1 1/2 x 8 | "      | "         | 3        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Mizen .....        | "         | 54.3          | 16 x 8                     | 13 x 6 | 13 x 6  | 8 x 5  | 2                       | 2             | 2             | 1 1/2 x 8 | "      | "         | 3        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Jigger .....       | "         | 54.3          | 16 x 8                     | 13 x 6 | 13 x 6  | 8 x 5  | 2                       | 2             | 2             | 1 1/2 x 8 | "      | "         | 3        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| YARDS.             |           |               |                            |        |         |        |                         |               |               |           |        |           |          |        |     |       |       |       |         |
| Fore .....         | "         | 89.0          | At Centre                  | 22 x 8 | 20 x 8  | 20 x 8 | 2                       | 4             | 4             | 3 x 8     | Double | Galv.     | 5        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Lower YARDS .....  | "         | 69.6          | "                          | 17 x 6 | 16 x 6  | 8 x 5  | 2                       | 2             | 2             | 1 1/2 x 8 | "      | "         | 3        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Crossjack .....    | "         | 69.6          | "                          | 17 x 6 | 16 x 6  | 8 x 5  | 2                       | 2             | 2             | 1 1/2 x 8 | "      | "         | 3        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Jigger .....       | "         | 69.6          | "                          | 17 x 6 | 16 x 6  | 8 x 5  | 2                       | 2             | 2             | 1 1/2 x 8 | "      | "         | 3        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Fore .....         | "         | 85.0          | "                          | 22 x 8 | 20 x 8  | 20 x 8 | 2                       | 4             | 4             | 3 x 8     | Double | Galv.     | 5        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Main .....         | "         | 85.0          | "                          | 22 x 8 | 20 x 8  | 20 x 8 | 2                       | 4             | 4             | 3 x 8     | Double | Galv.     | 5        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Upper .....        | "         | 85.0          | "                          | 22 x 8 | 20 x 8  | 20 x 8 | 2                       | 4             | 4             | 3 x 8     | Double | Galv.     | 5        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Lower .....        | "         | 85.0          | "                          | 22 x 8 | 20 x 8  | 20 x 8 | 2                       | 4             | 4             | 3 x 8     | Double | Galv.     | 5        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| TOPSAIL YARDS.     |           |               |                            |        |         |        |                         |               |               |           |        |           |          |        |     |       |       |       |         |
| Fore .....         | "         | 85.0          | "                          | 22 x 8 | 20 x 8  | 20 x 8 | 2                       | 4             | 4             | 3 x 8     | Double | Galv.     | 5        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Main .....         | "         | 85.0          | "                          | 22 x 8 | 20 x 8  | 20 x 8 | 2                       | 4             | 4             | 3 x 8     | Double | Galv.     | 5        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Upper .....        | "         | 85.0          | "                          | 22 x 8 | 20 x 8  | 20 x 8 | 2                       | 4             | 4             | 3 x 8     | Double | Galv.     | 5        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Lower .....        | "         | 85.0          | "                          | 22 x 8 | 20 x 8  | 20 x 8 | 2                       | 4             | 4             | 3 x 8     | Double | Galv.     | 5        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| MIZEN              |           |               |                            |        |         |        |                         |               |               |           |        |           |          |        |     |       |       |       |         |
| Fore .....         | "         | 85.0          | "                          | 22 x 8 | 20 x 8  | 20 x 8 | 2                       | 4             | 4             | 3 x 8     | Double | Galv.     | 5        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Main .....         | "         | 85.0          | "                          | 22 x 8 | 20 x 8  | 20 x 8 | 2                       | 4             | 4             | 3 x 8     | Double | Galv.     | 5        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Upper .....        | "         | 85.0          | "                          | 22 x 8 | 20 x 8  | 20 x 8 | 2                       | 4             | 4             | 3 x 8     | Double | Galv.     | 5        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Lower .....        | "         | 85.0          | "                          | 22 x 8 | 20 x 8  | 20 x 8 | 2                       | 4             | 4             | 3 x 8     | Double | Galv.     | 5        | 1 1/2  | 2   | 4     | 1 1/2 | 2     | 4       |
| Remainder of Spars | Wood      |               |                            |        |         |        |                         |               |               |           |        |           |          |        |     |       |       |       |         |

| EQUIPMENT No. 24346 LETTER D |                   |                  |      |                 |       |                       |      |                      |       | ANCHORS.               |         |   |   |                            |               |               |     |       |         |
|------------------------------|-------------------|------------------|------|-----------------|-------|-----------------------|------|----------------------|-------|------------------------|---------|---|---|----------------------------|---------------|---------------|-----|-------|---------|
| Number of Certificate.       | Anchors.          | WEIGHT, EX-STOCK |      | WEIGHT OF STOCK |       | TEST, PER CERTIFICATE |      | WEIGHT REQ. PER RULE |       | Description of Anchor. | Makers. | Where and when tested and Superintendent. |   | Number of Plates in Round. | No. of Ropes. | No. of Stays. | No. | Size. | Inches. |
|                              |                   | Cwts.            | qrs. | lbs.            | Cwts. | qrs.                  | lbs. | Tons.                | cwts. | qrs.                   | lbs.    |   |   |                            |               |               |     |       |         |
| 16493                        | 1st Bower         | 38               | 2    | 16              | 10    | 0                     | 5    | 34                   | 19    | 1                      | 11      | 38  | 0 | 0                          | 0             | 0             | 0   | 0     | 0       |
| 16494                        | 2nd "             | 36               | 0    | 18              | 9     | 3                     | 0    | 33                   | 5     | 2                      | 14      | 38  | 0 | 0                          | 0             | 0             | 0   | 0     | 0       |
| 16495                        | 3rd "             | 34               | 3    | 14              | 9     | 0                     | 0    | 32                   | 7     | 2                      | 0       | 32  | 1 | 0                          | 0             | 0             | 0   | 0     | 0       |
| 16496                        | Collective weight | 108              | 2    | 23              |       |                       |      | 108                  | 1     | 2                      |         |   |   |                            |               |               |     |       |         |
| 16497                        | Stream            | 11               | 2    | 1               | 3     | 0                     | 5    | 12                   | 10    | 3                      | 24      | 11  | 2 | 0                          | 0             | 0             | 0   | 0     | 0       |
| 16498                        | Kedge             | 5                | 3    | 0               | 1     | 2                     | 2    | 8                    | 0     | 2                      | 14      | 5   | 3 | 0                          | 0             | 0             | 0   | 0     | 0       |
| 16499                        | 2nd Kedge         |                  |      |                 |       |                       |      |                      |       |                        |         |   |   |                            |               |               |     |       |         |

| CHAIN CABLES.   |          |       |                       |                       |           |                            |              |                    |  | HAWSEERS AND WARPS |          |       |                                      |                            |     |       |         |     |       |
|---|----------|-------|-----------------------|-----------------------|-----------|----------------------------|--------------|--------------------|--|--------------------|----------|-------|--------------------------------------|----------------------------|-----|-------|---------|-----|-------|
| Number of Certificate.  | Fathoms. | Size. | Test per Certificate. | WEIGHT OF CHAIN CABLE |           | Fathoms and Size per Rule. | Description. | Makers of Cables.  | When and where tested, and Superintendent. | Material.          | Fathoms. | Size. | Breaking Test of Steel Wire Towline. | Fathoms and Size per Rule. | No. | Size. | Inches. | No. | Size. |
|   |          |       |                       | Supplied.             | Per Rule. |                            |              |                    |  |                    |          |       |                                      |                            |     |       |         |     |       |
| 16499   | 16730    | 2 1/2 | 100.5                 | 55.1                  | 55.5      | 240 x 2                    | Steel        | J. Wood & Co. Ltd. | 31/7/94                                    | TOWLINE            | 48       | 10    | 33                                   | 70 x 4                     |     |       |         |     |       |
| Iron Stream Chain   | 45       | 1 1/2 | 30.4                  | 45.0                  | 22        | 43 x 1 1/2                 | Steel        | J. Wood & Co. Ltd. | 31/7/94                                    | HAWSEER            | 48       | 10    | 33                                   | 70 x 4                     |     |       |         |     |       |
| Boats   | 4        | 2     | 20                    | 20                    | 20        | 20                         | 20           | 20                 | 20   | 20                 | 20       | 20    | 20                                   | 20                         | 20  | 20    | 20      | 20  | 20    |
| Pumps   | 2        | 2     | 2                     | 2                     | 2         | 2                          | 2            | 2                  | 2  | 2                  | 2        | 2     | 2                                    | 2                          | 2   | 2     | 2       | 2   | 2     |
| Windlass  | 1        | 1     | 1                     | 1                     | 1         | 1                          | 1            | 1                  | 1  | 1                  | 1        | 1     | 1                                    | 1                          | 1   | 1     | 1       | 1   | 1     |
| Number of Suppers   |          |       |                       |                       |           |                            |              |                    |  |                    |          |       |                                      |                            |     |       |         |     |       |
| State size No. 1 Hatch (Forward)  |          |       |                       |                       |           |                            |              |                    |  |                    |          |       |                                      |                            |     |       |         |     |       |
| Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch |          |       |                       |                       |           |                            |              |                    |  |                    |          |       |                                      |                            |     |       |         |     |       |
| and Three Fore and Afters to No. 2 Hatch                                |          |       |                       |                       |           |                            |              |                    |  |                    |          |       |                                      |                            |     |       |         |     |       |
| Bulwarks, height above deck and description                             |          |       |                       |                       |           |                            |              |                    |  |                    |          |       |                                      |                            |     |       |         |     |       |
| The above is a correct description.                                     |          |       |                       |                       |           |                            |              |                    |  |                    |          |       |                                      |                            |     |       |         |     |       |
| Builder's Signature (here only)   |          |       |                       |                       |           |                            |              |                    |  |                    |          |       |                                      |                            |     |       |         |     |       |
| Surveyor's Signature  |          |       |                       |                       |           |                            |              |                    |  |                    |          |       |                                      |                            |     |       |         |     |       |

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case).  
*M. 10.17.22 May, and 22.9.1894.*

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* Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *Yes* Do