

3 Decks.

## IRON OR STEEL STEAMER.

No. 4894

Date of completion of report *Sept 1<sup>st</sup> 98* Port of *Belfast* Received at London Office *MON 5 SEP 1898*  
Survey held at *Belfast* Date, First Survey *Aug 24<sup>th</sup> 1897* Last Survey *Aug 31<sup>st</sup> 1898*  
On the *Steel Twin Screw Steamer "Ray State"* Rig *4 masts. Schr.*  
TONNAGE under Tonnage Deck... *4807.29* THREE DECKED VESSEL.  
Do. between Tonnage Dk. & 1<sup>st</sup> Dk. *1643.35* CLASS *100 A*  
and 3<sup>rd</sup> and 4<sup>th</sup> Dks. *6457.24*  
Total under Upper Dk. *6457.24*  
Do. of Poop *69.32* Half Breadth (moulded) *26.5*  
Do. of Bridge House *148.62* Depth from upper part of Keel to top of Upper Deck Beams *36.4*  
Do. of Forecastle *55.45* Girth of Half Midship Frame (as per Rule) *119.9*  
Do. of Houses on Dk. *68.67* deduct 7 feet *112.9*  
Do. of excess of Hatchways *240.80* 1st Number *400*  
Do. above Crown of Engine Room *6823.90* Length *5095.2*  
Gross Tonnage *240.80* 2nd Number *5095.2*  
Less Crew Space *6823.90* Proportions—Breadth to Length *9.38*  
Less above Crown of Engine Room *2128.65* Depth to Length—Upper Deck to top of Keel *13.4*  
TONNAGE FOR FEES... *31.40* Main Deck ditto *14.5*  
Less Engine Room *4367.29* Destined Voyage *Boston* If Surveyed while Building, Afloat, or in Dry Dock while building  
Less Navigation Spaces *4367.29* Master *C. Waters*  
Year of appointment *1898* (1) As Master in service of owner of present vessel—1898  
(2) As Master of this vessel—1898  
Built at *Belfast*  
When built *1890* Launched *June 4<sup>th</sup>*  
By whom built *Harland & Wolff Ltd*  
Owners *White Diamond Steamship Co Ltd*  
Managers *G. Warren & Co* (Where necessary to be entered in Reg. Book.)  
Residence *Liverpool*  
Port belonging to *Liverpool*

| LENGTH on Deck                                                                                                                                                                                    | Feet. | Inches. | BREADTH— | Feet. | Inches. | DEPTH top of Floors to | Feet. | Inches. | Power of | Horse | No. of Decks with flat laid |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|----------|-------|---------|------------------------|-------|---------|----------|-------|-----------------------------|
| as per Rule                                                                                                                                                                                       | 480   | -       | Moulded  | 52    | -       | Upper Deck Beams       | 32    | 4 1/2   | Engines  | 450   | Three                       |
|                                                                                                                                                                                                   |       |         |          |       |         | Main Deck Beams        | 24    | 4 1/2   |          |       | Three                       |
| Dimensions of Ship per Register, Length <i>490.3</i> breadth <i>52.25</i> depth <i>32.5</i> Moulded depth, ft. <i>35</i> ins. <i>7 1/2</i> To Upper Dk. Round up of Beam, Upper Dk. <i>9</i> ins. |       |         |          |       |         |                        |       |         |          |       |                             |

| FRAMING.                                                                                                                            |                 |                |                                 | FORGINGS or CASTINGS.                                                                  |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches per Rule. Or as Approved.        |                 |                |                                 |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------|---------------------------------|----------------------------------------------------------------------------------------|-----------------|----------------|---------------------------------|-------------------------------|-----------------|----------------|---------------------------------|-----------------------------------------|-----------------|----------------|---------------------------------|
| Inches in Ship.                                                                                                                     | Inches in Ship. | 20ths in Ship. | Inches per Rule Or as Approved. | Inches in Ship.                                                                        | Inches in Ship. | 20ths in Ship. | Inches per Rule Or as Approved. | Inches in Ship.               | Inches in Ship. | 20ths in Ship. | Inches per Rule Or as Approved. | Inches in Ship.                         | Inches in Ship. | 20ths in Ship. | Inches per Rule Or as Approved. |
| FRAME, Angles, or  Bars for 1/2 length amidships |                 |                |                                 | KEEL, Bar or Side Plates, depth and thickness                                          |                 |                |                                 | 10 x 3                        |                 |                |                                 | 10 x 3                                  |                 |                |                                 |
| Do. for 1/2 at each end                                                                                                             |                 |                |                                 | STEM, moulding and thickness                                                           |                 |                |                                 | 12 x 3 1/2                    |                 |                |                                 | 12 x 3 1/2                              |                 |                |                                 |
| Do. in way of Double Bottoms at Solid Floors                                                                                        |                 |                |                                 | STERN-POST for Rudder do. do.                                                          |                 |                |                                 | 13 x 8 1/2                    |                 |                |                                 | 13 x 8 1/2                              |                 |                |                                 |
| " " at intermdt. Bkts.                                                                                                              |                 |                |                                 | " for Propeller                                                                        |                 |                |                                 | 13 x 8 1/2                    |                 |                |                                 | 13 x 8 1/2                              |                 |                |                                 |
| Distance of Frames from moulding edge to moulding edge, all fore and aft                                                            |                 |                |                                 | MAIN PIECE of Rudder, diameter at head                                                 |                 |                |                                 | 11                            |                 |                |                                 | 10 1/2                                  |                 |                |                                 |
| " " " do. at heel                                                                                                                   |                 |                |                                 | " " do. at heel                                                                        |                 |                |                                 | 8 1/2 x 4 1/2                 |                 |                |                                 | 5 1/2                                   |                 |                |                                 |
| REVERSED FRAME, Angles                                                                                                              |                 |                |                                 | RUDDER, how constructed                                                                |                 |                |                                 | Cast steel single plate 1 1/4 |                 |                |                                 | Can the Rudder be unshipped afloat? Yes |                 |                |                                 |
| DEEP FRAMING, depth of girder                                                                                                       |                 |                |                                 | KEELSONS & STRINGERS.                                                                  |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships                                                     |                 |                |                                 | CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " in way of Engines and Boilers                                                                                                     |                 |                |                                 | " Rider Plate                                                                          |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " thickness at the ends of vessel                                                                                                   |                 |                |                                 | " Bulb Plate to Intercoastal Keelson                                                   |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " depth at 1/2 the half breadth, as per Rule                                                                                        |                 |                |                                 | " Horizontal Plates on Floors                                                          |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " height extended at the Bilges                                                                                                     |                 |                |                                 | " Angles                                                                               |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| FLOORS & BRACKETS in Cell Dble Bottoms                                                                                              |                 |                |                                 | SIDE KEELSON, Angles                                                                   |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Distance apart                                                                                                                    |                 |                |                                 | " Bulb or Plate above floors, for                                                      |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| CENTRE GIRDER, in Double bottom, depth and thickness                                                                                |                 |                |                                 | " Intercoastal Plate, for                                                              |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Angles, Top                                                                                                                       |                 |                |                                 | " Attached to outside Plating with Angle                                               |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Bottom                                                                                                                            |                 |                |                                 | BILGE KEELSON, Angles                                                                  |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| SIDE GIRDERS, number and thickness                                                                                                  |                 |                |                                 | " Bulb or Plate above floors, for                                                      |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Angles                                                                                                                            |                 |                |                                 | " Intercoastal Plate for                                                               |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| MARGIN PLATE, depth (exclusive of flange) and thickness                                                                             |                 |                |                                 | " Attached to outside Plating with Angle                                               |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Angles                                                                                                                            |                 |                |                                 | BILGE STRINGER Angles                                                                  |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake                                                                   |                 |                |                                 | " Bulb Plate for                                                                       |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " in Engine and Boiler space                                                                                                        |                 |                |                                 | " Intercoastal Plate for                                                               |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Remainder in Holds                                                                                                                |                 |                |                                 | " Attached to outside Plating with Angle                                               |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb                                                                      |                 |                |                                 | SIDE STRINGER Angles                                                                   |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Angles on upper edge                                                                                                              |                 |                |                                 | " Bulb or Intercoastal Plate, for                                                      |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Average space                                                                                                                     |                 |                |                                 | " Attached to outside plating with Angle                                               |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| BEAMS, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb                                                                     |                 |                |                                 | Upper Deck Stringer Plates, br'dth & thickness                                         |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Angles on upper edge                                                                                                              |                 |                |                                 | " Angle on ditto                                                                       |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Average space                                                                                                                     |                 |                |                                 | " Tie Plates fore and aft, outside Hatchways                                           |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb                                                                      |                 |                |                                 | " Deck. * Iron or Steel, for                                                           |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Angles on upper edge                                                                                                              |                 |                |                                 | " Wood Deck. Material & thickness                                                      |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Average space                                                                                                                     |                 |                |                                 | Middle Deck Stringer Plate, br'dth & thickness                                         |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| BEAMS, Hold, or Orlop, Plate or Tee Bulb                                                                                            |                 |                |                                 | " Angles on ditto, No.                                                                 |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Angles on upper edge                                                                                                              |                 |                |                                 | " Tie Plates outside Hatchways                                                         |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Average space                                                                                                                     |                 |                |                                 | " Diagonal Tie Plates on Bms., No. of prs.                                             |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb                                                                              |                 |                |                                 | " Deck. * Iron or Steel, for                                                           |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Angles on upper edge                                                                                                              |                 |                |                                 | " Wood Deck. Material & thickness                                                      |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Average space                                                                                                                     |                 |                |                                 | Lower Deck Stringer Plate, br'dth & thickness                                          |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb                                                                            |                 |                |                                 | " Angles on ditto, No.                                                                 |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Angles on upper edge                                                                                                              |                 |                |                                 | " Tie Plates, outside Hatchways                                                        |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Average space                                                                                                                     |                 |                |                                 | " Deck. * Material and thickness                                                       |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb                                                                        |                 |                |                                 | Hold, or Orlop Stringer Plate, br'dth & thckn's                                        |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Angles on upper edge                                                                                                              |                 |                |                                 | " Angles on ditto, No.                                                                 |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Average space                                                                                                                     |                 |                |                                 | " Tie Plates outside Hatchways                                                         |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| PILLARS, In 'tween Deck, size and spacing                                                                                           |                 |                |                                 | " Deck. Material and thickness                                                         |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Hold                                                                                                                              |                 |                |                                 | Poop Deck Stringer Plate, breadth & thickness                                          |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Quarter 'tween Dks.,                                                                                                              |                 |                |                                 | " Angle on ditto                                                                       |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " in Hold                                                                                                                           |                 |                |                                 | " Tie Plates                                                                           |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| WEB-FRAMES, In Fore Body, No. and spacing                                                                                           |                 |                |                                 | " Deck. Material and thickness                                                         |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " br'dth. & thickness                                                                                                               |                 |                |                                 | Forecastle Deck Stringer Plate, b'dth & th'kns                                         |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " No. of Side Stringers                                                                                                             |                 |                |                                 | " Angle on ditto                                                                       |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| WEB-FRAMES, In E. & B. Space, No. & spacing                                                                                         |                 |                |                                 | " Tie Plates                                                                           |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " br'dth. & thickness                                                                                                               |                 |                |                                 | " Deck. Material and thickness                                                         |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " No. of Side Stringers                                                                                                             |                 |                |                                 | " Deck. Material and thickness                                                         |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| WEB-FRAMES, In After Body, No. and spacing                                                                                          |                 |                |                                 | " Deck. Material and thickness                                                         |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " br'dth. & thickness                                                                                                               |                 |                |                                 | " Deck. Material and thickness                                                         |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " No. of Side Stringers                                                                                                             |                 |                |                                 | " Deck. Material and thickness                                                         |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| " Size of Angles or Tee Bars to Web-Frames                                                                                          |                 |                |                                 | " Deck. Material and thickness                                                         |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |
| BRACKET PLATES to Stringers between Web Frames, depth and thickness                                                                 |                 |                |                                 | " Deck. Material and thickness                                                         |                 |                |                                 | Inches in Ship.               |                 |                |                                 | Inches in Ship.                         |                 |                |                                 |



| 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.           | Thickness.         | Thickness.              | Thickness.             | Breadth.                 | Thickness.                 |                         |                            | Diam.                                      | Spacing cr. to cr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                       | Diam.                                     | Spacing cr. to cr.                   | Breadth.                          | Thickness.            | Breadth.   | For what Length. |  |  |
|                                                                                                                                                                                 | Inches.            | 16ths or 20ths.    | 16ths or 20ths.         | 16ths or 20ths.        | Inches.                  | 16ths or 20ths.            |                         | Inches.                    | Inches.                                    | Inches.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                       | Inches.                                   | Inches.                              | Inches.                           | Inches.               | Inches.    | Feet.            |  |  |
| FLAT PLATE KEEL.....                                                                                                                                                            | 51                 | 20                 | 14                      | 14                     | 51                       | 20                         | Double                  | 4                          | 1 1/2                                      | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Treble                                | 1 1/2                                     | 4                                    | 20 1/2                            | 14                    | Double     |                  |  |  |
| (If Bar Keel, state Riveting)                                                                                                                                                   |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| GARBOARD OR A Strake...                                                                                                                                                         | 50                 | 15                 | 14                      | 16                     | 36                       | 15                         | "                       | 6 1/4                      | 1                                          | 4 1/4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Entire length                         | 1                                         | 3 1/2                                | -                                 | -                     | 12         | Entire length    |  |  |
| State actual thickness in way of Double Bottom.                                                                                                                                 |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| B "                                                                                                                                                                             |                    | 14                 | 14                      | 16                     |                          | 14                         | "                       | "                          | "                                          | "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | "                                     | "                                         | "                                    | -                                 | -                     | "          | "                |  |  |
| C "                                                                                                                                                                             |                    | 14                 | 13                      | 16                     |                          | 14                         | "                       | "                          | "                                          | "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | "                                     | "                                         | "                                    | -                                 | -                     | "          | "                |  |  |
| D "                                                                                                                                                                             |                    | 14                 | 12                      | 16                     |                          | 14                         | "                       | "                          | "                                          | "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | "                                     | "                                         | "                                    | -                                 | -                     | "          | "                |  |  |
| E "                                                                                                                                                                             |                    | 15                 | 11                      | 16                     |                          | 15                         | "                       | "                          | "                                          | "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | "                                     | "                                         | "                                    | -                                 | -                     | "          | "                |  |  |
| F "                                                                                                                                                                             |                    | 15                 | 11                      | 16                     |                          | 15                         | "                       | "                          | "                                          | "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | "                                     | "                                         | "                                    | -                                 | -                     | "          | "                |  |  |
| G "                                                                                                                                                                             |                    | 15                 | 11                      | 16                     |                          | 15                         | "                       | "                          | "                                          | "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quad 3/4                              | "                                         | "                                    | -                                 | -                     | 16 1/2     | "                |  |  |
| H "                                                                                                                                                                             |                    | 15                 | 11                      | 14                     |                          | 15                         | "                       | "                          | "                                          | "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Treble                                | "                                         | "                                    | -                                 | -                     | 12         | "                |  |  |
| J "                                                                                                                                                                             |                    | 15                 | 11                      | 14                     |                          | 15                         | "                       | "                          | "                                          | "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Entire length                         | "                                         | "                                    | -                                 | -                     | "          | "                |  |  |
| K "                                                                                                                                                                             |                    | 15                 | 11                      | 14                     |                          | 15                         | "                       | "                          | "                                          | "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | "                                     | "                                         | "                                    | -                                 | -                     | "          | "                |  |  |
| L "                                                                                                                                                                             |                    | 15                 | 11                      | 14                     |                          | 15                         | "                       | "                          | "                                          | "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | "                                     | "                                         | "                                    | -                                 | -                     | "          | "                |  |  |
| M "                                                                                                                                                                             |                    | 15                 | 11                      | 14                     |                          | 15                         | "                       | "                          | "                                          | "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | "                                     | "                                         | "                                    | -                                 | -                     | "          | "                |  |  |
| N "                                                                                                                                                                             |                    | 15                 | 11                      | 14                     |                          | 15                         | "                       | "                          | "                                          | "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | "                                     | "                                         | "                                    | -                                 | -                     | "          | "                |  |  |
| O "                                                                                                                                                                             |                    | 14                 | 12                      | 11                     |                          | 14                         | "                       | "                          | "                                          | "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quad 3/4                              | "                                         | "                                    | -                                 | -                     | 16 1/2     | "                |  |  |
| Sheer. P "                                                                                                                                                                      | 46                 | 20                 | 12                      | 12                     | 46                       | 20                         | "                       | 4                          | 1 1/2                                      | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | "                                     | 1 1/2                                     | 4                                    | 34                                | 18                    | -          | -                |  |  |
| Q "                                                                                                                                                                             |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| R "                                                                                                                                                                             |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| DOUBLING of Flat Plate Keel                                                                                                                                                     |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| Length and thickness of Bilges.....                                                                                                                                             | 3                  | 6th                | 14                      |                        |                          | 14                         |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| of Sheerstrakes.....                                                                                                                                                            |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| of Strake below                                                                                                                                                                 |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| POOP SIDES.....                                                                                                                                                                 | Steel              |                    |                         | 6                      |                          | 7                          | Single                  | 2 1/2                      | 3/4                                        | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Double                                | 3/4                                       | 2 1/2                                | -                                 | -                     | 6 1/2      | "                |  |  |
| BRIDGE SIDES.....                                                                                                                                                               |                    | 12                 | 10                      | 9                      |                          | 10                         | Double                  | 5 1/4                      | 7/8                                        | 3 1/4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Treble                                | 7/8                                       | 3 1/2                                | -                                 | -                     | 10         | "                |  |  |
| FORECASTLE SIDES.....                                                                                                                                                           |                    |                    |                         | 6                      |                          | 7                          | Single                  | 2 1/2                      | 3/4                                        | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Double                                | 3/4                                       | 2 1/2                                | -                                 | -                     | 6 1/2      | "                |  |  |
| 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, Plating, &c.? |                    |                    |                         |                        |                          |                            |                         |                            |                                            | Upper Deck Butts, treble riveted for half length amidship.<br>Stringer Plate Straps, single, double or overlapped for entire length amidship.<br>Middle Deck Butts, treble riveted for entire length amidship.<br>Stringer Plate Straps, single, double or overlapped for entire length amidship.<br>Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted? Treble.<br>Inner Bottom Plating, riveting of Edges Double Butts Double.<br>Centre Girder Butts, treble riveted Keelson Butts, treble riveted.<br>Frames, riveted through Plates with 1 in. Rivets, about 5 1/2 apart.<br>Rivets, state whether Iron or Steel Iron and Steel. |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| FRAMES extend in one length from Margin plate to gunwale.                                                                                                                       |                    |                    |                         |                        |                          |                            |                         |                            |                                            | REVERSED FRAMES on floors and frames extend from Margin plate to L. & R. beam knees; all to upper deck abaft after peak bulkhead, and alternate rev bars to Forecastle deck.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| MASTS, SPARS, &c.                                                                                                                                                               |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| No Square sails                                                                                                                                                                 |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| Material.                                                                                                                                                                       |                    | Total Length.      | DIAMETER AND THICKNESS. |                        |                          |                            | No. of Plates in round. | ANGLES.                    |                                            | RIVETING.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
|                                                                                                                                                                                 |                    |                    | At Partners.            | Heel.                  | Hounds.                  | Head.                      |                         | Number.                    | Size.                                      | Seams.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Butts.                                |                                           |                                      |                                   |                       |            |                  |  |  |
| Fore.....                                                                                                                                                                       |                    | Steel 106.6        | 28 x 1/2                | 26 1/2 x 1/2           | 18 x 1/2                 | 8 1/2 x 1/2                | 3                       | 3                          | 3 1/2 x 3 1/8                              | Single                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Quadruple                             |                                           |                                      |                                   |                       |            |                  |  |  |
| Main.....                                                                                                                                                                       |                    | 109.6              | 28 x 1/2                | 26 1/2 x 1/2           | 18 x 1/2                 | 8 1/2 x 1/2                | "                       | "                          | "                                          | "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Treble and                            |                                           |                                      |                                   |                       |            |                  |  |  |
| Mizen.....                                                                                                                                                                      |                    | 104.0              | 26 x 1/2                | 24 1/2 x 1/2           | 16 x 1/2                 | 8 x 1/2                    | "                       | "                          | 3 1/2 x 3 1/8                              | "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Double laps                           |                                           |                                      |                                   |                       |            |                  |  |  |
| Bowsprit.....                                                                                                                                                                   |                    | 98.0               | 24 x 1/2                | 22 x 1/2               | 15 x 1/2                 | 8 x 1/2                    | "                       | "                          | "                                          | "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | "                                     |                                           |                                      |                                   |                       |            |                  |  |  |
| Topmasts, Yards and Remainder of Spars of Pine                                                                                                                                  |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| Rigging, Material and Size, Shrouds B. 1/2 in. Steel wire 5/4, 5/4, 5/4 & 4 1/2 respectively Stays All double 5/4, 5/4, 5/4 & 4 1/2 respectively                                |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| Sails, one complete Suit of jib headed Sails, and the following spare sails Three                                                                                               |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| EQUIPMENT No. 63854 LETTER 2+                                                                                                                                                   |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| ANCHORS.                                                                                                                                                                        |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| Number of Certificate.                                                                                                                                                          | Anchor.            | WEIGHT, EX. STOCK. |                         | WEIGHT OF STOCK.       |                          | TEST, PER CERTIFICATE.     |                         | WEIGHT REQ. BY RULE.       |                                            | Description of Anchor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Makers.                               | Where and when tested and Superintendent. |                                      |                                   |                       |            |                  |  |  |
|                                                                                                                                                                                 |                    | Cwts.              | qrs.                    | lbs.                   | Cwts.                    | qrs.                       | lbs.                    | Tons.                      | cwts.                                      | qrs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | lbs.                                  |                                           |                                      |                                   |                       |            |                  |  |  |
| 40417                                                                                                                                                                           | 1st Bower          | 69                 | 0                       | 21                     |                          |                            |                         | 53                         | 7                                          | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                                     | 60                                        | 3                                    | Hall's Stockless, Shingley & Sons | Hetherston Mar 26. 98 |            |                  |  |  |
| 40419                                                                                                                                                                           | 2nd "              | 67                 | 1                       | 3                      |                          |                            |                         | 52                         | 7                                          | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                                     | 60                                        | 3                                    | Cast steel head                   | " " " 26 "            |            |                  |  |  |
| 40418                                                                                                                                                                           | 3rd "              | 65                 | 3                       | 13                     |                          |                            |                         | 51                         | 10                                         | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                                     | 66                                        | 1                                    | " " " "                           | " " " 26 "            |            |                  |  |  |
| 40420                                                                                                                                                                           | Collective weight. | 50                 | 3                       | 7                      |                          |                            |                         | 47                         | 13                                         | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                                     | 68                                        | 3                                    | " " " "                           | " " " 26 "            |            |                  |  |  |
| 40443                                                                                                                                                                           | Stream             | 261                | 0                       | 16                     |                          |                            |                         | 262                        | 2                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      | (Heads tested by Surveyors)       | R. Green Sup          |            |                  |  |  |
| 40430                                                                                                                                                                           | Kedge              | 25                 | 0                       | 1                      | 6                        | 0                          | 12                      | 24                         | 17                                         | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 21                                    | 25                                        |                                      | Hotman's                          | " " " Mar 29. 98      |            |                  |  |  |
|                                                                                                                                                                                 | 2nd Kedge          | 13                 | 1                       | 0                      | 3                        | 1                          | 11                      | 14                         | 19                                         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 14                                    | 13                                        |                                      | " " " "                           | " " " 20 "            |            |                  |  |  |
| CHAIN CABLES.                                                                                                                                                                   |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| 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.        |                       |            |                  |  |  |
|                                                                                                                                                                                 |                    |                    | Tons.                   | Supplied.              | Per Rule.                |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| 25643                                                                                                                                                                           | 150                | 2 1/2              | 11 1/2                  | 10                     | 470.2.19                 | 936.0.3                    | 300 x 2 1/8             | Stud link                  | Shingley & Sons                            | Hetherston Mar 33. 98                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TOWLINE.                              | 130                                       | 6                                    | 85                                | 130 x 6               |            |                  |  |  |
| 25645                                                                                                                                                                           | 150                | 2 1/2              | "                       | "                      | 469.2.3                  |                            |                         | "                          | "                                          | "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | HAWSE.                                | 2x 90                                     | 3                                    | 100                               | 90 x 13               |            |                  |  |  |
|                                                                                                                                                                                 |                    |                    |                         |                        | 940.0.22                 |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | WARP.                                 | 90                                        | 10                                   |                                   | 90 x 11               |            |                  |  |  |
| Lean-Stream Chain or Steel Wire                                                                                                                                                 | 120                | 5 1/4              | 65                      |                        |                          | 120 x 5 1/4                | S.W.                    | Warminster Wire Rope Works |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8 x 90                                | 7                                         |                                      |                                   |                       |            |                  |  |  |
| Boats Two life boats and two Cutters.                                                                                                                                           |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| Pumps, Number Seven Diameter of Barrel and Tail Pipe 5 and 2 1/2 respectively                                                                                                   |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| Windlass is Harfield's Patent Steam Capstan                                                                                                                                     |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| Engine Room Skylights.—How constructed? of plates and angles on casing above Bridge deck.                                                                                       |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| What arrangements for deadlights in bad weather? Solid top with bulls' eyes.                                                                                                    |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| Coal Bunker Openings.—How constructed? Side ports How are lids secured? Bolts & nuts Height above deck? —                                                                       |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 14 Scuppers, 4 Freeing ports 30 x 12 and 7 x 26 1/2 sq. each side                                          |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| Ceiling in Holds, thickness and material 2 1/2 in. P. Outside margin p. Ceiling 'tween Decks, thickness and material 6 x 2 Spruce.                                              |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| Cargo Hatchways.—How formed? of plates and angles.                                                                                                                              |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| State size No. 1 Hatch (Forward) 10.0 x 10.0 No. 2 Hatch 15.0 x 10.0 No. 3 Hatch 10.0 x 10.0 No. 4 Hatch 7.6 x 10.0                                                             |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch One shifting beam in No. 1 and 3                                                                         |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| One web plate in No. 2, 5, & 6; one fore datter in all No. of Breasthooks 7 No. of Crutches four & deep ports                                                                   |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| Bulwarks, height above deck and description none—hand railing above Main Rail, material and size Shelter deck                                                                   |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| The above is a correct description.                                                                                                                                             |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| Builder's Signature (here only) Harland & Wolff Ltd.                                                                                                                            |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| Surveyor's Signature James Curpen                                                                                                                                               |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |
| Surveyor to Lloyd's Register of British and Foreign Shipping.                                                                                                                   |                    |                    |                         |                        |                          |                            |                         |                            |                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                           |                                      |                                   |                       |            |                  |  |  |



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

M. 10<sup>th</sup> May 1897 and E 12<sup>th</sup> April 1898.

Workmanship. Are the butts of plating planed or otherwise fitted? Planed where butted, but mostly overlapped.

Is the riveted work properly closed? Yes.

Are the liners between the frames and plates solid single pieces? Yes.

to plate, &c., conform well to each other? Yes.

Do the holes for riveting plate to frames, butt straps, or plate

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 plating? Very few.

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

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

This vessel has been built in accordance with the approved tracing of midship section forwarded on the 30<sup>th</sup> Aug., and with the accompanying approved tracing of Longitudinal Section; the Secretary's letters dated as above have been complied with, and the Rules in all other respects adhered to.

All pumps and watertight doors have been examined and tested and found efficient, and the weather decks tested with a hose and found satisfactory.

The rivets are spaced closer than required by the Rules in most parts of the vessel.

The materials used in her construction, and the workmanship are very good.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 73.5 ft., R.Q.D. or Break 13.3 ft., Bridge Dk. 17.5 ft., F'castle 10.0 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated.

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) 13 Dks (Stl) 3 tr B.

Official No. ; Signal Letters

How are the surfaces preserved from oxidation? Inside Asphalt and Paint Outside Paint.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system Yes.

| Where fitted.                             | Length.<br>Feet. | Water Capacity.<br>Tons. | Where fitted.                                          | Length.<br>Feet. | Water Capacity.<br>Tons. |
|-------------------------------------------|------------------|--------------------------|--------------------------------------------------------|------------------|--------------------------|
| Double bottom, aft,                       | 102.5            | 289                      | Fore peak tank,                                        |                  | 103                      |
| Double bottom, forward,                   | 180              | 534                      | After peak tank,                                       |                  | 56                       |
| Double bottom, under Engines and Boilers, | 45               | 269                      | Midship deep tank,                                     | in No 3 hold     | 45 1120                  |
| Double bottom, if under Engines only,     |                  |                          | Other tanks, if fitted,                                | in No 4 —        | 37.5 740                 |
| Double bottom, if under Boilers only,     |                  |                          | (If necessary, furnish further information by sketch.) |                  |                          |

State whether the above have been tested as required by the Rules. Yes.

Order for Special Survey No. 422

Date 30 June 1897

Order for Ordinary Survey No. —

Date —

No. 321 in builder's yard.

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 Aug 27, Sep. 2, 7, 14, 17, 22, 30; Oct. 6, 11, 13, 14, 20, 28.  
2nd. On the plating during the process of riveting Nov. 5, 12, 19, 26; Dec 3, 8, 14, 23, 31, 1897; Jan. 7, 11, 13, 21, 24.  
3rd. When the beams were in and fastened, and before the decks were laid Feb 4, 11, 18, 22, 25; Mar. 3, 8, 16, 22; Apr. 4, 7, 18, 21, 25, 28; May 2, 4, 10, 12, 17, 18, 23, 27, 31; June 3, 10, 22, 24, 27, 29; July 1, 5, 9, 18, 25.  
4th. When the ship was complete, and before the plating was finally coated or cemented 29 Aug 9, 15, 23, 26, 27, 30, 31, 1898  
5th. After the ship was launched and equipped 29 Aug 9, 15, 23, 26, 27, 30, 31, 1898  
Total No. of Visits 40

The amount of Entry Fee £ 5 : : : 1.9. 1898  
Special Survey Fee £ 11 : 6 : :  
Travelling Expenses, if any £ — : : 3.9. 1898

Certificate to be sent to This office

I am of opinion this Vessel should be Classed 100A 13 Dks (Stl) 3 tr B.  
With, or without Freeboard, as condition of Class Without

James Curpen  
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

TUES, 6 SEP 1898

Character assigned

2 A + C  
+ 2 M C 8, 98

100A 1 Steel  
3 Dks (Stl)

Rec. light

J.P.S.



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Lloyd's Register  
Foundation

BE69-0024(2/2)