

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office SAT. DEC. 14. 1912

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

Date of completion of report *September 19. 1912* Port of *Boston* No. *712*  
Survey held at *Quincy, Mass.* Date, First Survey *February 23-1912* Last Survey *November 15. 1912*  
On the *Steel screw steamer "NELSON"* Rig *3 Mast schooner*

TONNAGE under Tonnage Deck... *1203.21*  
Do. between Tonnage Dk. and 3rd and 4th Dk. *260.35*  
Total under Upper Dk. *94.40*  
Do. of Poop *18.36*  
Do. of R.Q.Dk. *84.83*  
Do. of Bridge House *85.39*  
Do. of Forecastle *4746.54*  
Do. of Houses on Dk. *143.68*  
Do. of excess of Hatchways *4602.86*  
Do. above Crown of *1518.89*  
sine Room... *286.94*  
Crew Space *2797*  
above Crown of *1518.89*  
sine Room... *286.94*  
AGE FOR FEES...  
Engine Room  
Navigation Spaces

CLASS *F100A1*  
Carrying *petroleum in bulk*  
Breadth (greatest moulded)... *52*  
Depth, at middle of length from top of keel to top of upper deck beams at side... *30*  
Transverse Number... *82*  
Length on deck from fore part of stem to after part of stern post... *370*  
Longitudinal Number... *30340*  
Depth "d." at middle of length (See Secs. 2 & 13)... *17.33*  
Proportions—Depths to Length—Upper Deck Beam at side to top of keel... *12.3*  
Long Bridge Deck...  
Beam at side to top of keel

Master *John A. Thompson*  
Year of appointment *(1) As Master in service of owner of present vessel—1912 (2) As Master of this vessel—1912*  
Built at *Tore River Shipbuilding Co.*  
When built *Quincy* Launched *August 12*  
By whom built *Tore River Shipbuilding Co.*  
Owners *Cuba Distilling Co.*  
Managers *Cuba Distilling Co.*  
Residence *O. Reilly 8. Havana Cuba*  
Port belonging to *New York*

Destined Voyage *Matanzas* If Surveyed while Building, Afloat, or in Dry Dock *Building*

| Length on Deck per Rule                              | Feet. | Inches. | BREADTH—Moulded | Feet. | Inches. | DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams | Feet. | Inches. | No. of Decks with flat laid |
|------------------------------------------------------|-------|---------|-----------------|-------|---------|-------------------------------------------------------|-------|---------|-----------------------------|
| 370 0                                                | 370   | 0       | 52 0            | 52    | 0       | Do. do. do. do. Second Dk. Beams                      | 27 11 | 11      | 2                           |
| Moulded depth, ft. ins. To Bridge Dk. <i>13</i> ins. |       |         |                 |       |         |                                                       |       |         |                             |
| Moulded depth, ft. ins. To Upper Dk. <i>13</i> ins.  |       |         |                 |       |         |                                                       |       |         |                             |

Dimensions of Ship per Register, Length *370* breadth *52.1* depth *27*

| FRAMING.                                                                          |                                             |                            |                            | FORGINGS or CASTINGS.                                                                  |                  |                  |                  |
|-----------------------------------------------------------------------------------|---------------------------------------------|----------------------------|----------------------------|----------------------------------------------------------------------------------------|------------------|------------------|------------------|
| NAME, Angle or Bars amidships                                                     | Inches in Ship                              | Inches in Ship             | Inches in Ship             | KEEL, Bar, depth and thickness                                                         | Inches in Ship   | Inches in Ship   | Inches in Ship   |
| Do. in peaks                                                                      | 6 3/4                                       | 4 3/4                      | 6 3/4                      | STEM, moulding and thickness                                                           | 10 x 2 3/4       | 10 x 2 3/4       | 10 x 2 3/4       |
| Do. in way of Double Bottoms at Solid Floors...                                   | 3 1/2                                       | 3 1/2                      | 3 1/2                      | STERN-POST for Rudder do. do.                                                          | 9 x 7 1/2        | 9 x 7 1/2        | 9 x 7 1/2        |
| acing " of Frames from centre to centre amidships                                 | 25 1/2                                      | 25 1/2                     | 25 1/2                     | for Propeller                                                                          | 10 x 7 1/2       | 10 x 7 1/2       | 10 x 7 1/2       |
| " " " " " from " }                                                                | 25 1/2                                      | 25 1/2                     | 25 1/2                     | RUDDER—A x D* Table 22                                                                 | 157 x 3.63 = 569 | 157 x 3.63 = 569 | 157 x 3.63 = 569 |
| " " " " " length to Collision bulkhead                                            | 24                                          | 24                         | 24                         | " Main-Piece, diameter at head                                                         | 10 1/2           | 10 1/2           | 10 1/2           |
| " " " " " in peaks..                                                              | 3 1/2                                       | 3 1/2                      | 3 1/2                      | " " " " at heel                                                                        | 8 3/8            | 8 3/8            | 8 3/8            |
| VERSED FRAME, Angles...                                                           | 6                                           | 6                          | 6                          | RUDDER, how constructed <i>Forged steel and angle plate.</i>                           |                  |                  |                  |
| AMING, depth of girder                                                            | 6                                           | 6                          | 6                          | Can the Rudder be unshipped afloat? <i>Yes.</i>                                        |                  |                  |                  |
| DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships... | <i>all parts increased in way of bilges</i> |                            |                            | KEELSONS & STRINGERS.                                                                  | Inches in Ship   | Inches in Ship   | Inches in Ship   |
| " in way of Engine and Boiler Spaces                                              | 48                                          | 392                        | 48                         | CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate |                  |                  |                  |
| " thickness at the ends of vessel                                                 | 25 1/2                                      | 25 1/2                     | 25 1/2                     | " Rider Plate                                                                          |                  |                  |                  |
| " depth at 1/2 the half breadth, as per Rule                                      | 48                                          | 49                         | 48                         | " Flat Plate Keel Angles                                                               |                  |                  |                  |
| " height extended at the Bilges                                                   | 6                                           | 6                          | 6                          | " Horizontal Plates on Floors                                                          |                  |                  |                  |
| DOORS & BRACKETS in Cell Dble Bottoms                                             | 3 1/2                                       | 3 1/2                      | 3 1/2                      | " Angles or Bulb Angles                                                                |                  |                  |                  |
| " state if flanged (top & bottom)                                                 | 25 1/2                                      | 25 1/2                     | 25 1/2                     | SIDE KEELSONS, Number                                                                  |                  |                  |                  |
| " Spacing                                                                         | 48                                          | 49                         | 48                         | " Angles or Bulb Angles                                                                |                  |                  |                  |
| NTRE GIRDER, in Dbl. bottom, dpth. & thickness                                    | 6                                           | 6                          | 6                          | " Plate above floors, for length...                                                    |                  |                  |                  |
| " Angles, Top                                                                     | 3 1/2                                       | 3 1/2                      | 3 1/2                      | " Intercoastal Plate, for length                                                       |                  |                  |                  |
| " Bottom                                                                          | 25 1/2                                      | 25 1/2                     | 25 1/2                     | " Attached to outside Plating with Angle...                                            |                  |                  |                  |
| " to Floors                                                                       | 48                                          | 392                        | 48                         | BILGE KEELSON, Angles                                                                  |                  |                  |                  |
| DE GIRDER, number on each side & thickness                                        | 3 1/2                                       | 3 1/2                      | 3 1/2                      | " Intercoastal Plate for length                                                        |                  |                  |                  |
| " state if flanged (top and bottom)                                               | 6                                           | 6                          | 6                          | " Attached to outside Plating with Angle...                                            |                  |                  |                  |
| " Angles                                                                          | 6                                           | 6                          | 6                          | SIDE STRINGERS, Number                                                                 |                  |                  |                  |
| MARGIN PLATE, depth (exclusive of flange) and thickness                           | 5                                           | 5                          | 5                          | " Angle                                                                                |                  |                  |                  |
| " Angles to Outside Plating                                                       | 36                                          | 36                         | 36                         | " Intercoastal Plate, for full length                                                  |                  |                  |                  |
| " Floors                                                                          | 67                                          | 49                         | 67                         | " Attached to outside plating with Angle...                                            |                  |                  |                  |
| " Height of Brackets above at bilge                                               | 563                                         | 49                         | 563                        | Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)                        | 57               | 612              | 57               |
| NER BOTTOM PLATING, breadth and thickness of Middle Line Strake                   | 39                                          | 39                         | 39                         | " " " " (in way of Bridge)                                                             | 57               | 69               | 57               |
| " in Engine and Boiler space                                                      | 6                                           | 3 1/2                      | 6                          | " Angle (clear of Bridge)                                                              | 5 x 5 x 6.25     | 5 x 5 x 6.25     | 5 x 5 x 6.25     |
| " Remainder in Holds                                                              | 25 1/2                                      | 25 1/2                     | 25 1/2                     | " Tie Plate at sides of Hatchways                                                      | 417              | 417              | 417              |
| RAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel           | 7 x 3 1/2 x 3 1/2 x 3 1/2                   | 7 x 3 1/2 x 3 1/2 x 3 1/2  | 7 x 3 1/2 x 3 1/2 x 3 1/2  | " Deck * Iron or Steel, for full lng.                                                  | 417              | 417              | 417              |
| " Angles on upper edge                                                            | 25 1/2                                      | 25 1/2                     | 25 1/2                     | " Thickness (clear of Bridge)                                                          |                  |                  |                  |
| " Spacing                                                                         | 7 x 3 1/2 x 3 1/2 x 3 1/2                   | 7 x 3 1/2 x 3 1/2 x 3 1/2  | 7 x 3 1/2 x 3 1/2 x 3 1/2  | " " " " (in way of Bridge)                                                             |                  |                  |                  |
| RAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel          | 7 x 3 1/2 x 3 1/2 x 3 1/2                   | 7 x 3 1/2 x 3 1/2 x 3 1/2  | 7 x 3 1/2 x 3 1/2 x 3 1/2  | " Wood Deck, Material & thickness                                                      | 60               | 46               | 60               |
| " Angles on upper edge                                                            | 25 1/2                                      | 25 1/2                     | 25 1/2                     | Second Deck Stringer Plate, br'dth & thickness                                         | 5 x 5 x 6.25     | 5 x 5 x 6.25     | 5 x 5 x 6.25     |
| " Spacing                                                                         | 7 x 3 1/2 x 3 1/2 x 3 1/2                   | 7 x 3 1/2 x 3 1/2 x 3 1/2  | 7 x 3 1/2 x 3 1/2 x 3 1/2  | " Angles on ditto, No. 1                                                               |                  |                  |                  |
| RAMS, Third or Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel | 7 x 3 1/2 x 3 1/2 x 3 1/2                   | 7 x 3 1/2 x 3 1/2 x 3 1/2  | 7 x 3 1/2 x 3 1/2 x 3 1/2  | " Tie Plates outside Hatchways                                                         |                  |                  |                  |
| " Angles on upper edge                                                            | 25 1/2                                      | 25 1/2                     | 25 1/2                     | " Deck * Iron or Steel, for 2/3 lng.                                                   | 392              | 392              | 392              |
| " Spacing                                                                         | 7 x 3 1/2 x 3 1/2 x 3 1/2                   | 7 x 3 1/2 x 3 1/2 x 3 1/2  | 7 x 3 1/2 x 3 1/2 x 3 1/2  | " Wood Deck, Material & thickness                                                      |                  |                  |                  |
| RAMS, Fourth or Fifth Deck, Plate, Tee Bulb, or Channel                           | 7 x 3 1/2 x 3 1/2 x 3 1/2                   | 7 x 3 1/2 x 3 1/2 x 3 1/2  | 7 x 3 1/2 x 3 1/2 x 3 1/2  | Third Deck Stringer Plate, br'dth & thickness                                          |                  |                  |                  |
| " Angles on upper edge                                                            | 25 1/2                                      | 25 1/2                     | 25 1/2                     | " Angles on ditto, No.                                                                 |                  |                  |                  |
| " Spacing                                                                         | 7 x 3 1/2 x 3 1/2 x 3 1/2                   | 7 x 3 1/2 x 3 1/2 x 3 1/2  | 7 x 3 1/2 x 3 1/2 x 3 1/2  | " Tie Plates, outside Hatchways                                                        |                  |                  |                  |
| RAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel                   | 7 x 3 1/2 x 3 1/2 x 3 1/2                   | 7 x 3 1/2 x 3 1/2 x 3 1/2  | 7 x 3 1/2 x 3 1/2 x 3 1/2  | " Deck, Material and thickness                                                         |                  |                  |                  |
| " Angles on upper edge                                                            | 51                                          | 51                         | 51                         | Fourth and Fifth Deck Stringer Plate, breadth & thickness                              |                  |                  |                  |
| " Spacing                                                                         | 7 x 3 1/2 x 3 1/2 x 3 1/2                   | 7 x 3 1/2 x 3 1/2 x 3 1/2  | 7 x 3 1/2 x 3 1/2 x 3 1/2  | " Angles on ditto, No.                                                                 |                  |                  |                  |
| RAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel                 | 7 x 3 1/2 x 3 1/2 x 3 1/2                   | 7 x 3 1/2 x 3 1/2 x 3 1/2  | 7 x 3 1/2 x 3 1/2 x 3 1/2  | " Tie Plates outside Hatchways                                                         |                  |                  |                  |
| " Angles on upper edge                                                            | 51                                          | 51                         | 51                         | " Deck, Material & thickness                                                           |                  |                  |                  |
| " Spacing                                                                         | 7 x 3 1/2 x 3 1/2 x 3 1/2                   | 7 x 3 1/2 x 3 1/2 x 3 1/2  | 7 x 3 1/2 x 3 1/2 x 3 1/2  | Poop Deck Stringer Plate, breadth & thickness                                          | 3 1/2            | 3 1/2            | 3 1/2            |
| RAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel             | 7 x 3 1/2 x 3 1/2 x 3 1/2                   | 7 x 3 1/2 x 3 1/2 x 3 1/2  | 7 x 3 1/2 x 3 1/2 x 3 1/2  | " Angle on ditto                                                                       | 3 1/2 x 3 1/2    | 3 1/2 x 3 1/2    | 3 1/2 x 3 1/2    |
| " Angles on upper edge                                                            | 25 1/2                                      | 25 1/2                     | 25 1/2                     | " Tie Plates                                                                           | 343              | 343              | 343              |
| " Spacing                                                                         | 7 x 3 1/2 x 3 1/2 x 3 1/2                   | 7 x 3 1/2 x 3 1/2 x 3 1/2  | 7 x 3 1/2 x 3 1/2 x 3 1/2  | " Deck, Material and thickness                                                         | 3                | 3                | 3                |
| LLARS, In Fore Deck, size and spacing                                             | 10 x 3 1/2 x 3 1/2 x 3 1/2                  | 10 x 3 1/2 x 3 1/2 x 3 1/2 | 10 x 3 1/2 x 3 1/2 x 3 1/2 | Bridge Deck Stringer Plate, br'dth & thickness                                         | 39               | 343              | 39               |
| " Hold                                                                            | 10 x 3 1/2 x 3 1/2 x 3 1/2                  | 10 x 3 1/2 x 3 1/2 x 3 1/2 | 10 x 3 1/2 x 3 1/2 x 3 1/2 | " Angle on ditto                                                                       | 3 1/2 x 3 1/2    | 3 1/2 x 3 1/2    | 3 1/2 x 3 1/2    |
| " Quarter 'tween Dks.,                                                            | 10 x 3 1/2 x 3 1/2 x 3 1/2                  | 10 x 3 1/2 x 3 1/2 x 3 1/2 | 10 x 3 1/2 x 3 1/2 x 3 1/2 | " Tie Plates                                                                           | 27               | 29               | 27               |
| " in Hold                                                                         | 10 x 3 1/2 x 3 1/2 x 3 1/2                  | 10 x 3 1/2 x 3 1/2 x 3 1/2 | 10 x 3 1/2 x 3 1/2 x 3 1/2 | " Deck, Material and thickness                                                         | 3                | 3                | 3                |
| WEB-FRAMES, In Fore Body, No. and spacing                                         | 45                                          | 12                         | 45                         | Forecastle Deck Stringer Plate, b'dth & th'kns                                         | 34               | 343              | 34               |
| " br'dth & thickness                                                              | 10 x 3 1/2 x 3 1/2 x 3 1/2                  | 10 x 3 1/2 x 3 1/2 x 3 1/2 | 10 x 3 1/2 x 3 1/2 x 3 1/2 | " Angle on ditto                                                                       | 3 1/2 x 3 1/2    | 3 1/2 x 3 1/2    | 3 1/2 x 3 1/2    |
| " No. of Side Stringers                                                           | 2                                           | 2                          | 2                          | " Tie Plates                                                                           | 294              | 294              | 294              |
| WEB-FRAMES, In E. & B. Space, No. & spacing                                       | 2                                           | 2                          | 2                          | " Deck, Material and thickness                                                         |                  |                  |                  |
| " br'dth & thickness                                                              | 2                                           | 2                          | 2                          | BULKHEADS.                                                                             | Number.          | Thickness.       | STIFFENERS.      |
| WEB-FRAMES, In After Body, No. and spacing                                        | 2                                           | 2                          | 2                          | Vessel.                                                                                | Per Rule.        | Horizontal.      | Vertical.        |
| " br'dth & thickness                                                              | 2                                           | 2                          | 2                          | Inches.                                                                                | Inches.          | Size.            | Spacing.         |
| " No. of Side Stringers                                                           | 2                                           | 2                          | 2                          | W. T. BULKHEADS                                                                        | 12               | 12               | 12               |
| " Size of Face Angles to Web-Frames                                               | 2                                           | 2                          | 2                          | COLLISION                                                                              | 1                | 1                | 1                |
| BRACKET PLATES to Stringers between Web Frames, depth and thickness               | 2                                           | 2                          | 2                          | PARTITION                                                                              | 2                | 2                | 2                |
|                                                                                   | 2                                           | 2                          | 2                          | LONGITUDINAL                                                                           | 1                | 1                | 1                |

\* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

| BULKHEADS.                                                                        |           |            |             | STIFFENERS. |         |            |         | Single or Double Frames. |        | Height up.    |
|-----------------------------------------------------------------------------------|-----------|------------|-------------|-------------|---------|------------|---------|--------------------------|--------|---------------|
| Vessel.                                                                           | Per Rule. | Thickness. | Horizontal. | Vertical.   | Size.   | Spacing.   | Size.   | Spacing.                 |        |               |
| Inches.                                                                           | Inches.   | Inches.    | Inches.     | Inches.     | Inches. | Inches.    | Inches. | Inches.                  |        |               |
| W. T. BULKHEADS                                                                   | 12        | 12         | 3 1/2       | 15 x 3 1/2  | 12      | 66 x 3 1/2 | 12      | 24                       | Single | 7 1/2 x 4 1/2 |
| COLLISION                                                                         | 1         | 1          | 3 1/2       | 7 x 3 1/2   | 12      | 66 x 3 1/2 | 12      | 24                       | Double | 7 1/2 x 4 1/2 |
| PARTITION                                                                         | 2         | 2          | 2 1/2       | 7 x 3 1/2   | 12      | 66 x 3 1/2 | 12      | 24                       |        |               |
| LONGITUDINAL                                                                      | 1         | 1          | 3 1/2       | 15 x 3 1/2  | 12      | 66 x 3 1/2 | 12      | 24                       |        |               |
| Are the outside Plates doubled two spaces of Frames in length? <i>Yes</i>         |           |            |             |             |         |            |         |                          |        |               |
| Are the Sluice Valves and Watertight Doors in efficient working order? <i>Yes</i> |           |            |             |             |         |            |         |                          |        |               |



PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. Riveting. Double or Treble and for what length. Rivets. Straps. State results of tests. Satisfactory. Remarks (State quality of workmanship, &c.) The Rules and approved plans and the material and workmanship throughout are good.

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. Carnegie Steel Company. Has the steel been tested as required by the Rules? Upper Deck (Butts riveted for full length and Stringer Plate (Straps single, double or overlapped for full length and Second Deck (Butts riveted for full length and Stringer Plate (Straps single or overlapped for full length and Butts of Side Stringers Double Tie Plates Inner Bottom Plating, riveting of Edges Double Butts riveted Keelson Butts, riveted Frames, riveted through Plates with 7/8 in. Rivets, about 5/4 Rivets, state whether Iron or Steel. FRAMES extend in one length from Centre line to Tank Margin Thence to upper deck. REVERSED FRAMES on floors and frames extend from Channels to upper deck. State if ordinary or joggled Ordinary

MASTS, SPARS, &c. LOWER MASTS. Fore Main Mizzen. Material. Steel. Total Length. 62' 9". 63' 0". 50' 0". Diameter and Thickness. At Partners. Heel. Hounds. 2 1/2. 16. 15. No. of Plates in round. 2. 2. 2. ANGLES. Number. Size. Riveting. Seams. Butts. Single. Double. Bowsprit. Topmasts, Yards and Remainder of Spars. Pine. Riggering, Material and Size, Shrouds. 2 1/2 galval steel wire rope. Stays. 3/4 galval steel wire rope. Sails. Suit. Sails, and the following spare sails.

EQUIPMENT No. 31572 LETTER X. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. Number of Certificate. Anchors. Weight of Stock. Test, per Certificate. Weight Required by Table 31. Description of Anchor. Makers. Where and when tested. For Special Survey No. 1912. Dates of Surveys held while building. 1st Bower. 895. 54 2 26. 49 6 3 14. 56 7 0. Cast steel. Penn Steel Phila. Aug. 1. 0. 2nd. 887. 54 2 26. 49 6 3 14. 56 7 0. Cast steel. Penn Steel Phila. Aug. 1. 0. 3rd. 896. 54 2 26. 49 6 3 14. 56 7 0. Cast steel. Penn Steel Phila. Aug. 1. 0. 4th. 169 2 16. 160 0 2 0. Cast steel. Penn Steel Phila. Aug. 1. 0. Stream. 18 3 0. 19 13 0 14. 18 3 0. 50. Kedge. 8 2 0. 10 12 2 0. 8 0 14. 50. Drop and mechanical tests were applied to anchor leads at works on date of certificate.

CHAIN CABLES. HAWSERS AND WARPS. Number of Certificate. Length and size supplied. Test per Certificate. Weight of Chain Cable. Length and size per Table 31. Description. Makers of Cables. Where and when tested, and Superintendent. Material. Length and size supplied. Breaking Test of Steel Wire. Length. Cir. Tons. Fathoms. Ins. 4. 270 2 1/8. 81 1/4. 113 1/4. 63 1/4. 136 1/4. 2 1/4. 270 2 1/8. Steel Standard Columbus Co. Chain Co. July 17. 12. FOWLINE Steel 4 in. HAWSERS & WARPS. 120 4 1/2. 43. 120 4 1/2. 360 8. 400 7.

Boats. Four. Steering Gear, Steam Hyde Muller Co. Steering Gear, Hand Hyde Muller Co. Pumps, Number One double acting hand pump. Diameter of Barrel. 6. State whether they are in efficient working order. Windlass is Hyde Muller Co. Capstan Hyde Muller Co. Engine Room Skylights. How constructed? Hinged steel skylights with fusible lights in casings. What arrangements for deadlights in bad weather? Stationary dead lights. Coal Bunker Openings. How constructed? Steel coamings. How are lids secured? Dred coars. Tarpan height above deck? 24. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 2. 10 1/2 x 6 1/2. 3 1/2 x 6 1/2. Ceiling in Holds, thickness and material. 2 1/2 pine in bunkers only. Cargo Battens, thickness and material. 6 x 2 1/2. 2 x 3 1/2. Cargo Hatchways. How formed? Side hatching plate coamings. No. 2 Hatch. No. 3 Hatch. No. 4 Hatch. State size. 12' 0" x 6' 6". 12' 0" x 6' 6". 12' 0" x 6' 6". Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. De Russel patent steel cross fitted all small latches and on coaming cable. No. of Breasthooks. Five. No. of Catches. Dup floor. Bulwarks, height above deck and description. Fore River Shipbuilding Co. Main Rail, material and size. Steel channel 7 1/2 x 3 1/2. This above is a correct description. Fore River Shipbuilding Co. Builder's Signature. J. H. Brown. Surveyor's Signature. Stewart Temple. 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 the case) Cleveland 12. 2. 12. Are the butts of plating spaced or otherwise fitted? Planned when practicable. Are the rivets properly closed? Yes. Do the liners between the frames and plates solid single pieces? Yes. Do the rivet holes well and sufficiently countersunk in the plate and punched to plate, &c., conform well to each other? Yes. Do any rivets break into or through the seams or butts of the plating? A few. Do the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes. State results of tests. Satisfactory. Do the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes. State results of tests. Satisfactory. Remarks (State quality of workmanship, &c.) The Rules and approved plans and the material and workmanship throughout are good.

Particulars for Record in the Register Book. Length of Poop 77' 7 1/2 ft. R.Q.D. ft., Bridge 28' 5 ft., Forecastle 30 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. Material and Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 2 DKS. (STEEL) and web frames. Official No. 210617; Signal Letters L.C.P.S. State if Machinery is fitted aft. Yes. How are the surfaces preserved from oxidation? Inside. Paint. Outside. Paint. Particulars of Water Ballast. State whether the Double bottom is constructed on the cellular system or with girders on floors.

| Where Fitted.                                                          | *Length. Feet. | Water Capacity. Tons. | Where Fitted. | *Length. Feet. | Water Capacity. Tons. |
|------------------------------------------------------------------------|----------------|-----------------------|---------------|----------------|-----------------------|
| Fore peak tank.                                                        |                | 225                   |               |                |                       |
| After peak tank.                                                       |                | 120                   |               |                |                       |
| Deep tank, aft.                                                        |                |                       |               |                |                       |
| Deep tank, forward.                                                    |                | 10.64                 |               |                | 178                   |
| Other tanks, if fitted.                                                |                |                       |               |                |                       |
| (If necessary, furnish further information by sketch.)                 |                |                       |               |                |                       |
| State whether the above have been tested as required by the Rules. Yes |                |                       |               |                |                       |

For Special Survey No. 1912. Dates of Surveys held while building. 1st. 23. 2nd. 24. 3rd. 25. 4th. 26. 5th. 27. 6th. 28. 7th. 29. 8th. 30. 9th. 31. 10th. 1. 11th. 2. 12th. 3. 13th. 4. 14th. 5. 15th. 6. 16th. 7. 17th. 8. 18th. 9. 19th. 10. 20th. 11. 21st. 12. 22nd. 13. 23rd. 14. 24th. 15. 25th. 16. 26th. 17. 27th. 18. 28th. 19. 29th. 20. 30th. 31st. Total No. of Visits. 62. Certificate to be sent to B. S. M. Received by me, Stewart Temple. Surveyor to Lloyd's Register of British and Foreign Shipping.

Whether the Vessel has been built under Special Survey. Yes. Of opinion this Vessel should be Classed +100 A.I. (Steel?) carrying petroleum in bulk. Committee's Minute. TUE. DEC. 17. 1912. Character assigned. 100th. Carrying petroleum in bulk. A.R.P. Thine 11. 12. Subject. Empress. Writ. B. Co.

Boards. Four. Steering Gear, Steam Hyde Muller Co. Steering Gear, Hand Hyde Muller Co. Pumps, Number One double acting hand pump. Diameter of Barrel. 6. State whether they are in efficient working order. Windlass is Hyde Muller Co. Capstan Hyde Muller Co. Engine Room Skylights. How constructed? Hinged steel skylights with fusible lights in casings. What arrangements for deadlights in bad weather? Stationary dead lights. Coal Bunker Openings. How constructed? Steel coamings. How are lids secured? Dred coars. Tarpan height above deck? 24. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 2. 10 1/2 x 6 1/2. 3 1/2 x 6 1/2. Ceiling in Holds, thickness and material. 2 1/2 pine in bunkers only. Cargo Battens, thickness and material. 6 x 2 1/2. 2 x 3 1/2. Cargo Hatchways. How formed? Side hatching plate coamings. No. 2 Hatch. No. 3 Hatch. No. 4 Hatch. State size. 12' 0" x 6' 6". 12' 0" x 6' 6". 12' 0" x 6' 6". Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. De Russel patent steel cross fitted all small latches and on coaming cable. No. of Breasthooks. Five. No. of Catches. Dup floor. Bulwarks, height above deck and description. Fore River Shipbuilding Co. Main Rail, material and size. Steel channel 7 1/2 x 3 1/2. This above is a correct description. Fore River Shipbuilding Co. Builder's Signature. J. H. Brown. Surveyor's Signature. Stewart Temple. Surveyor to Lloyd's Register of British and Foreign Shipping.