

WS20-0142

Index No. 29847  
(For London Office only.)

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS NOTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Wilmington, N.C.  
Date of Survey 28<sup>th</sup> February 1921  
Name of Surveyor William A. Swallow

| Port of Registry and Nationality. | Official Number. | Gross Tonnage. | Date of Build. | Particulars of Classification.                                   |
|-----------------------------------|------------------|----------------|----------------|--|
| <u>London British</u>             | <u>145225</u>    | <u>6349.61</u> | <u>1921</u>    | <u>100 A.1. Shelter Deck with Freeboard Longitudinal Framing</u> |

| BREADTH.   | DEPTH.                                   | UNDER DECK TONNAGE.                            |
|--|--|--|
| <u>55.1</u>  | <u>35.1</u>                              | <u>5710.05</u>                                 |
| Frame Depth <u>8.5</u><br>Rule <u>2</u><br><u>1.5</u><br><u>2x1.5 = 3" r</u><br><u>3.5</u><br><u>54.85</u><br><u>55.18</u> | Ceiling <u>1.20</u><br>Sheer <u>1.29</u> | Peak <u>47.0</u><br>Tanks<br><u>D.B. 70.23</u> |

77+.76 Sheer correction  
for Co-4  
10.42  
3x12 = 29

6" amidships  
127.625 ÷ 2 = 63.812 ... Mean

Stem 2'-6 1/2"  
Sternpost 1'-1 1/8"  
44.375 ÷ 2 = 22.187 ... Mean

able, Para. 18] 39.11  
Difference 49.53 Correction  
10.42 ÷ 4 = 2.60  
+ 2 3/4

Amount of bridge house  
at forward end of forecastle  
÷ 2 =

ALLOWANCE FOR DECK ERECTIONS :-

|               |               |
|---------------|---------------|
| <u>6-4.58</u> | <u>6-5.42</u> |
| <u>1.89</u>   | <u>- 2</u>    |
| <u>6-2.69</u> | <u>6-3.22</u> |
| <u>9-5.15</u> | <u>9-6.75</u> |
| <u>3-2.46</u> | <u>3-3.42</u> |
|               | <u>32.18</u>  |
|               | <u>12.39</u>  |

If engine and boiler openings not enclosed (Para. 11)  
12.38

| Length.        | Length allowed. | Height.      |
|----------------|-----------------|--------------|
| <u>7-9 1/8</u> | <u>37.82</u>    | <u>8'-0"</u> |
| <u>8-0 1/8</u> | <u>52.07</u>    | <u>8'-0"</u> |
| <u>8-8 3/8</u> | <u>108.70</u>   | <u>8'-0"</u> |
| <u>8-7 1/8</u> | <u>198.59</u>   | <u>50.23</u> |
| <u>5.32</u>    | <u>395.32</u>   |              |

| Height of amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :- |
|--|
| Fresh Water Line above centre of Disc  |
| Indian Summer Line " " "   |
| Winter Line below " "  |
| Winter North Atlantic Line " " "   |

Moulded Depth as measured 34'-11"  
Addition for Keel below base line for draught record 1 1/10 inches.

CORRECTION FOR LENGTH.

|                                       |               |
|---------------------------------------|---------------|
| Length of Ship on Loadline            | <u>395.32</u> |
| Length in Table                       | <u>419.00</u> |
| Difference                            | <u>23.68</u>  |
| Correction for 10ft., Table A         | <u>1.7</u>    |
| × Difference divided by 10            | <u>4.03</u>   |
| If 1/10ths length covered divide by 2 | <u>- .4</u>   |

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered .5023  
Thickness of usual wood deck, less stringer 3/4  
(4 - .40) = 3.80 = -1.66

CORRECTION FOR ROUND OF BEAM.

|   |                        |
|---|------------------------|
| Breadth at Gunwale amidships            | <u>55</u>              |
| Round of Beam <u>12" equivalent</u>     | <u>10.98</u>           |
| Normal round                            | <u>13.75</u>           |
| Difference                              | <u>2.77 ÷ 2 = 1.38</u> |
| Proportion of Deck uncovered (Para. 19) | <u>.69</u>             |

|  |               |                      |
|--|---------------|----------------------|
| Freeboard, Table A                     | <u>9-6.58</u> | <u>9-8 6/8</u>       |
| Correction for Sheer                   | <u>+2.60</u>  | <u>12 3/4</u>        |
| Correction for Length                  | <u>9-9.18</u> | <u>9-10 3/4 9/4</u>  |
| Allowance for Deck Erections           | <u>-4.03</u>  | <u>-4</u>            |
| Correction for Round of Beam           | <u>9-5.15</u> | <u>9-6 3/4 5/4</u>   |
| Correction for fall in Sheer (if any)  | <u>1-0.38</u> | <u>1-0 3/4 1/2</u>   |
| Correction for Iron Deck (if required) | <u>8-4.77</u> | <u>8-6 4 3/4</u>     |
| Other Corrections (if any)             | <u>+ .67</u>  | <u>+ 0 3/4</u>       |
|  | <u>8-5.44</u> | <u>8-6 3/4 5 1/2</u> |
|  |               | <u>-1 3/4</u>        |
|  |               | <u>8-5 3 3/4</u>     |

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or iron deck with side. + 1"

|                                 |                  |
|---------------------------------|------------------|
| Winter Freeboard                | <u>8-5 3 3/4</u> |
| Summer Freeboard                | <u>7-10 9/4</u>  |
| Indian Summer Freeboard         | <u>7-4 2 3/4</u> |
| N. A. Winter Freeboard          |                  |
| Winter Freeboard from deck line | <u>8-6 4 3/4</u> |
| Summer " " " "                  | <u>7-10 10/4</u> |
| Indian Summer " " " "           | <u>7-5 3 3/4</u> |
| N. A. Winter " " " "            |                  |

State dimensions of freeing port area on back of this form.  
The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft, should be reported.

or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.  
In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the B.Q.D. is to be taken from the level of the top of the amidship beam.  
In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and stern-post.

MARKING REPORT RECEIVED 16.4.21

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Do all the Frames extend to the top height in the Poop *Longitudinal Framing* Quarter Deck? *Yes*  
 To what height do the Reverse Frames extend? *Longitudinal Framing*  
 Has the Poop ~~or Raised Quarter Deck~~ an efficient Iron Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *No openings*  
 Is the Poop ~~or Raised Quarter Deck~~ connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *2 Single W. J. Steel Doors*  
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*  
 Give scantlings and spacing of the Stiffeners *10 x 3.375 x 3.375 x 21.7 lb Channels 36" apart*  
 Are bracket plates fitted at each end of the Stiffeners? *Yes* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *Yes*  
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*  
 How are the openings closed? *Shifting boards*  
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient Iron ~~or Wood~~ Bulk'd. at after end? *Yes*  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Covered by Poop Deck, Deckhouse + Casings*  
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *Yes*  
 Give thickness of plating; scantlings and spacing of Stiffeners  
 What is the height of the exposed Casings? Are suitable means provided for closing all openings in them in bad weather? *Yes*

Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below: *Yes*

| Position and Size.                | <i>18'-6" x 17'-7 1/4"</i>  |                                   | <i>6'-0" x 4'-0"</i> |       | <i>10'-2" x 9'-4"</i> |       | <i>3'-0" x 2'-0"</i> |       |
|-----------------------------------|-----------------------------|-----------------------------------|----------------------|-------|-----------------------|-------|----------------------|-------|
| Item.                             | Ship.                       | Rule.                             | Ship.                | Rule. | Ship.                 | Rule. | Ship.                | Rule. |
| COAMING. Height above top of DECK | <i>2-3 1/2 side</i>         |                                   | <i>.36"</i>          |       | <i>4 1/2"</i>         |       |                      |       |
| Thickness                         | Sides.....                  |                                   | <i>.44</i>           |       | <i>.44</i>            |       | <i>24"</i>           |       |
|                                   | Ends.....                   |                                   | <i>.44</i>           |       | <i>.44</i>            |       | <i>.44</i>           |       |
| SHIFTING BEAMS OR WEE PLATES      | Number.....                 |                                   |                      |       |                       |       |                      |       |
|                                   | Section and Scantlings..... | <i>3/4 Plate 15" depth centre</i> |                      |       |                       |       |                      |       |
|                                   | Material.....               | <i>Steel</i>                      |                      |       |                       |       |                      |       |
| * FORE AND AFTERS.                | Number.....                 |                                   |                      |       |                       |       |                      |       |
|                                   | Section and Scantlings..... |                                   |                      |       |                       |       |                      |       |
|                                   | Material.....               |                                   |                      |       |                       |       |                      |       |
| HATCHES Thickness                 | <i>2 3/4" Wood</i>          |                                   | <i>.50 Steel</i>     |       | <i>.44 Top</i>        |       | <i>.50 Cover</i>     |       |
| Remarks.....                      |                             |                                   | <i>Cover</i>         |       | <i>.50 Cover</i>      |       | <i>.50 Cover</i>     |       |

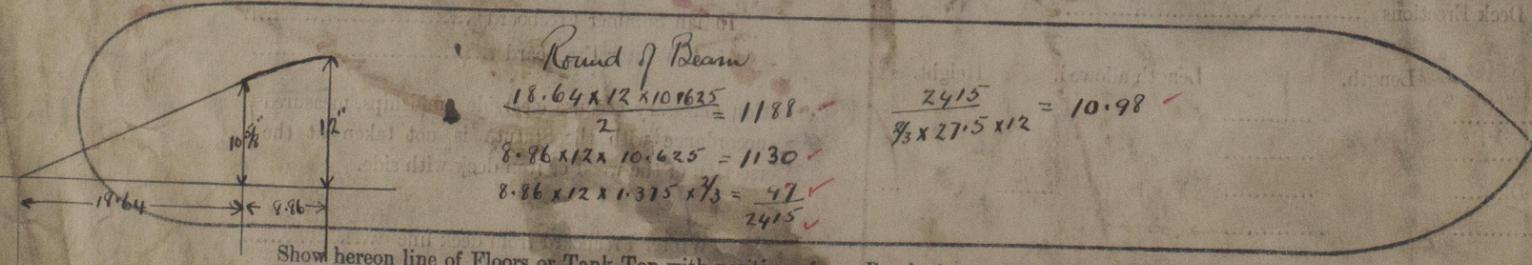
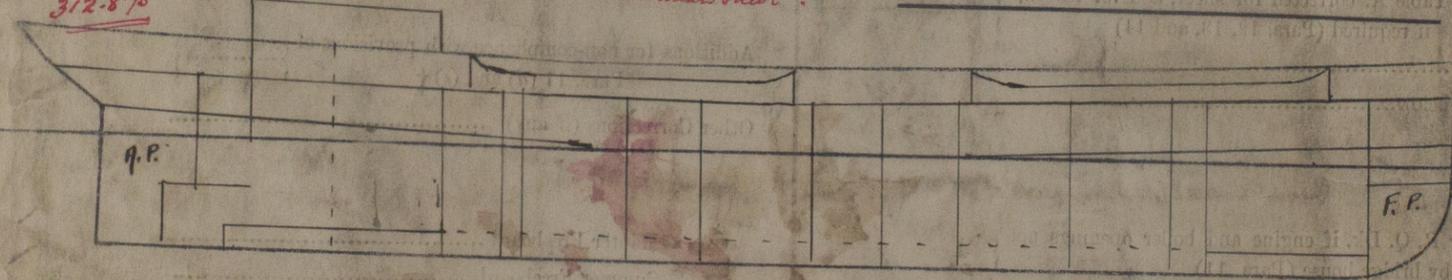
\* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.  
 (If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.  
 What is the thickness of the Bridge Sheerstrake? *Strake between Main and Bridge Sheerstrakes?*

*See Particulars*

|    |   |   |         |
|----|---|---|---------|
| 1  | 1 | 1 | 99.625  |
| 2  | 4 | 4 | 122     |
| 3  | 2 | 2 | 3.75    |
| 4  | 4 | 4 | 0       |
| 5  | 2 | 2 | 0       |
| 6  | 4 | 4 | 0       |
| 7  | 2 | 2 | 4       |
| 8  | 4 | 4 | 55.5    |
| 9  | 1 | 1 | 38      |
| 10 |   |   | 312.875 |

Delete the words { The Crew are, are not, berthed in the bridge house.  
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.  
 Length of Bulwarks in well  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = Sq. ft.  
 Ft. Tenths. Ft. Tenths. No.  
 Area of Curbs  
 $312.875 \times \frac{2}{3} = 312.875 \times \frac{2}{24} = \frac{1}{3} \times 312.875$   
 $8 \times 312.875 \times \frac{2}{24}$   
 $8 \times 312.875 = 39.109$  Total deficiency or excess = Sq. ft.  
*Radial beam Sheer.*



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel

Owners *Eagle Oil Transport Co*  
 Address *16 Finsbury Circus, London*  
 Fee \$ 90

Received by me

