

# Lloyd's Register of British & Foreign Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

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

Port of Survey Leith  
Date of Survey 24<sup>th</sup> June 1920  
Name of Surveyor J. Henderson

Burntisland 106

|                                      |   |                 |               |                              |  |
|--------------------------------------|---|-----------------|---------------|------------------------------|--|
| Ship's Name<br><b>"ANTINER"</b>      | Port of Registry and Nationality<br><u>Plantes French</u> | Official Number | Gross Tonnage | Date of Build<br><u>1920</u> | Particulars of Classification<br><u>+100 #1 Contemplated</u> |
| Number in Register Book <u>31392</u> |   |                 |               |                              |  |

|   |                        |  |   |  |
|---|------------------------|--|---|--|
| Registered dimensions from Ship's Register. | LENGTH<br><u>300.6</u> | BREADTH<br><u>43.65</u>  | DEPTH<br><u>22.15</u>                                       | UNDER DECK TONNAGE<br><u>2234.22</u>     |
| Length on LOADLINE.                         | <u>300.0</u>           | Frame Depth Rule<br><u>9 1/2</u><br><u>5 3/4</u><br><u>4</u><br><u>— .66</u> | Ceiling<br><u>+ 20</u><br>Sheer<br><u>— 50</u><br><u>48</u> | Peak Tanks<br><u>Included in Tonnage</u> |
| CORRECTED DIMENSIONS.                       | <u>300.0</u>           | <u>42.99</u>   | <u>21.85</u>  | <u>2234.22</u>                           |

Moulded Depth as measured Post side 24.5 1/2  
Star " 24.5 1/8 } 24.5 1/2 NOTE.— If the depth is measured when vessel is afloat, the details of measurement should be reported.

# RETAIN

CORRECTION FOR LENGTH.

|                                       |                |                |              |
|---------------------------------------|----------------|----------------|--------------|
| Length of Ship on Loadline.....       | <u>300.0</u>   | Table C.       | <u>.4</u>    |
| Length in Table .....                 | <u>293.5</u>   | (if required.) | <u>.45</u>   |
| Difference .....                      | <u>6.5</u>     |                | <u>4 1/2</u> |
| Correction for 10ft., Table A. ....   | <u>1.3</u>     |                |              |
| × Difference divided by 10 .....      | <u>.845</u>    |                |              |
| If 1/10ths length covered divide by 2 | <u>+ 2 1/4</u> |                |              |

Co-efficient of fineness..... .792  
 Any modification necessary } 6 D.B  
 [Para. 4 (a) to (e)]\*  
 Co-efficient as corrected ..... .77

CORRECTION FOR IRON DECK.

|  |                |
|--|----------------|
| Proportion covered, if less than 2/3rds length covered ..... | <u>478</u>     |
| Thickness of usual wood deck, less stringer .....            | <u>3 1/2</u>   |
|  | <u>— 1 3/4</u> |

Sheer { Stem..... 42" } 96 ÷ 2 = 48" ...Mean  
 at { Sternpost ... 24 }  
 Sheer at 1/2 of the length from { Stem 14" } 19 1/2 ÷ 2 = 9 3/4 ...Mean  
 Sternpost 2 1/2 } 22.74  
 Gradual mean Sheer Plotted ..... 21.75  
 Standard mean Sheer [Table, Para. 18] ..... 40.0 Correction  
 Difference..... 18.25 ÷ 4 = 4 1/2  
 § If limited as Para. 18 (f)..... 17.26 + 4 1/2

CORRECTION FOR ROUND OF BEAM.

|   |               |   |
|---|---------------|---|
| Breadth at Gunwale amidships.....             | <u>43.6</u>   | NOTE.— The round of beam should be reported on the full breadth of vessel at the gunwale. |
| Round of Beam .....                           | <u>10 3/4</u> |   |
| Normal round.....                             | <u>10 7/8</u> |   |
| Difference .....                              | <u>÷ 2 =</u>  |   |
| Proportion of Deck uncovered (Para. 19) ..... |               |   |

Sheer in Sheer { At front of bridge house.....  
 amidships {  
 Para. 18 (e) } { At after end of forecastle .....

Sheer in Sheer {  
 Para. 18 (d) } ÷ 2 =  
 Deck uncovered .....

|  |                  |
|--|------------------|
| Freeboard, Table A .....   | <u>5.4 1/4</u>   |
| Correction for Sheer .....   | <u>+ 4 1/2</u>   |
|  | <u>5.9 1/4</u>   |
| Correction for Length .....  | <u>+ 3/4</u>     |
|  | <u>5.10 1/8</u>  |
| Allowance for Deck Erections .....                                     | <u>+ 0 11/16</u> |
|  | <u>4.9 1/4</u>   |
| Correction for Round of Beam.....                                      | <u>— 1 3/4</u>   |
| Correction for fall in Sheer (if any).....                             | <u>✓</u>         |
| Correction for Iron Deck (if required) .....                           | <u>— 1 3/4</u>   |
|  | <u>4.8 1/4</u>   |
| Additions for non-compliance with provisions of Para. 11 (d) and (e) † | <u>7 1/2</u>     |
| Other Corrections (if any) .....                                       |                  |

ALLOWANCE FOR DECK ERECTIONS:—

|   |                 |
|---|-----------------|
| Freeboard, Table C.....   | <u>2.6 5/8</u>  |
| Correction for Length, if required (Para. 12, 13, and 14) .....                                     | <u>+ 1/2</u>    |
|   | <u>2.6 1/2</u>  |
| Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) ..... | <u>5.10 1/8</u> |
| Difference .....  | <u>3.3 1/2</u>  |
| Percentage as below.....  | <u>30.46%</u>   |
|   | <u>11.8</u>     |
| Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ..... | <u>12 1/4</u>   |
| Allowance for Deck Erections .....  |                 |

|                                     |                 |
|-------------------------------------|-----------------|
| Winter Freeboard .....              | <u>4.8 1/4</u>  |
| Summer Freeboard <u>3 3/4</u> ..... | <u>4.7 3/4</u>  |
| Indian Summer Freeboard .....       | <u>4.0 1/4</u>  |
| N. A. Winter Freeboard .....        | <u>4.10 1/8</u> |

|                      |                    |                 |            |
|----------------------|--------------------|-----------------|------------|
|                      | Length.            | Length allowed. | Height.    |
| Forecastle.....      | <u>33.33</u>       | <u>33.33</u>    | <u>7.0</u> |
| Bridge House .....   | <u>81.0 + 2.35</u> | <u>82.12</u>    | <u>7.0</u> |
| † Raised Qr. Dk..... | <u>28.16</u>       | <u>28.16</u>    | <u>7.5</u> |
| Poop.....            | <u>28.16</u>       | <u>28.16</u>    | <u>7.5</u> |
| Total .....          | <u>143.61</u>      | <u>143.61</u>   | <u>478</u> |
| Length of Ship ..... | <u>300</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. + 3 1/4 til French.

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck

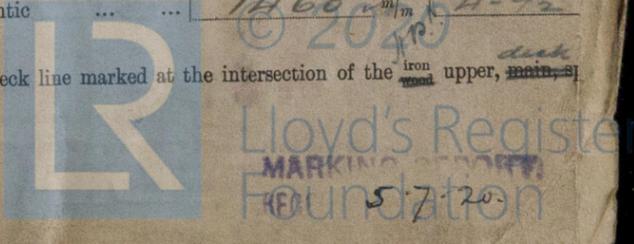
|                            |       |                |
|----------------------------|-------|----------------|
| Fresh Water Line           | above | centre of Disc |
| Indian Summer Line         | "     | "              |
| Winter Line                | below | "              |
| Winter North Atlantic Line | "     | "              |

29-6-20

|                                       |                 |                 |
|---------------------------------------|-----------------|-----------------|
| Freeboard in fresh water Summer ..... | <u>1187</u> m/m | <u>3-10 3/4</u> |
| " " Indian seas in Summer .....       | <u>1219</u> m/m | <u>4-0</u>      |
| " " Summer (centre of the disc) ..... | <u>1314</u> m/m | <u>4-3 3/4</u>  |
| " " Winter .....                      | <u>1410</u> m/m | <u>4-7 1/2</u>  |
| " " Winter, North Atlantic .....      | <u>1460</u> m/m | <u>4-9 1/2</u>  |

Measured from top of statutory deck line marked at the intersection of the iron upper, main deck at side.

† If the frames, skin planking, 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 R. Q. D. is to be taken from the level of the top of the amidship beam.  
 † In main-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 sternpost.



W458-0193

Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *Yes* Bridge House? *Ultimate* Forecastle? *Yes*

To what height do the Reverse Frames extend? *Yes*

Has the Poop on ~~Raised Quarter~~ Deck an efficient Iron Bulkhead at the fore end? *Yes*

Give particulars of the means for closing the openings in Bulkhead *None*

Is the Poop on ~~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 *Bolts plate openings 3'-2" x 3'-0" bolts to a part then built plate up*

What is the thickness of the Bridge Front plating? *3/16"* and Coaming plate? *1/16"*

Give scantlings and spacing of the Stiffeners *8 x 3 x 40 B.H spaced 30" apart*

Are bracket plates fitted at each end of the Stiffeners? *No* 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? *Wood weather boards full height in channels*

Is the Forecastle at least as high as the main or top-gallant rail? *No* Has the Forecastle an efficient Iron ~~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? *Yes*

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 *Yes*

What is the height of the exposed Casings? *Yes* 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.            | 9:1 31.6 x 21.3          | 9:2 32.9 x 21.3              | 9:3 31.6 x 21.3 | 9:4 31.6 x 21.3 |       |       |       |       |       |
|-------------------------------|--------------------------|------------------------------|-----------------|-----------------|-------|-------|-------|-------|-------|
| Item.                         | Ship.                    | Rule.                        | Ship.           | Rule.           | Ship. | Rule. | Ship. | Rule. | Ship. |
| COAMING                       | Height above top of DECK | 26"                          |                 |                 |       |       |       |       |       |
|                               | Thickness                | Sides                        | 44              |                 |       |       |       |       |       |
|                               |                          | Ends                         | 44              |                 |       |       |       |       |       |
| SHIFTING BEAMS OR WEB PLATES. | Number                   | 3                            |                 |                 |       |       |       |       |       |
|                               | Section and Scantlings   | See Joint I 12 x 6 x 6 bolts |                 |                 |       |       |       |       |       |
|                               | Material                 | Steel                        |                 |                 |       |       |       |       |       |
| * FORE AND AFTERS.            | Number                   |                              |                 |                 |       |       |       |       |       |
|                               | Section and Scantlings   |                              |                 |                 |       |       |       |       |       |
|                               | Material                 |                              |                 |                 |       |       |       |       |       |
| HATCHES Thickness             | 2 1/2                    |                              |                 |                 |       |       |       |       |       |
| Remarks                       | White Wood               |                              |                 |                 |       |       |       |       |       |

\* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.  
 (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 Rule

What is the thickness of the Bridge Sheerstrake? *Poop* Strake between Main and Bridge Sheerstrakes?

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. *Yes*

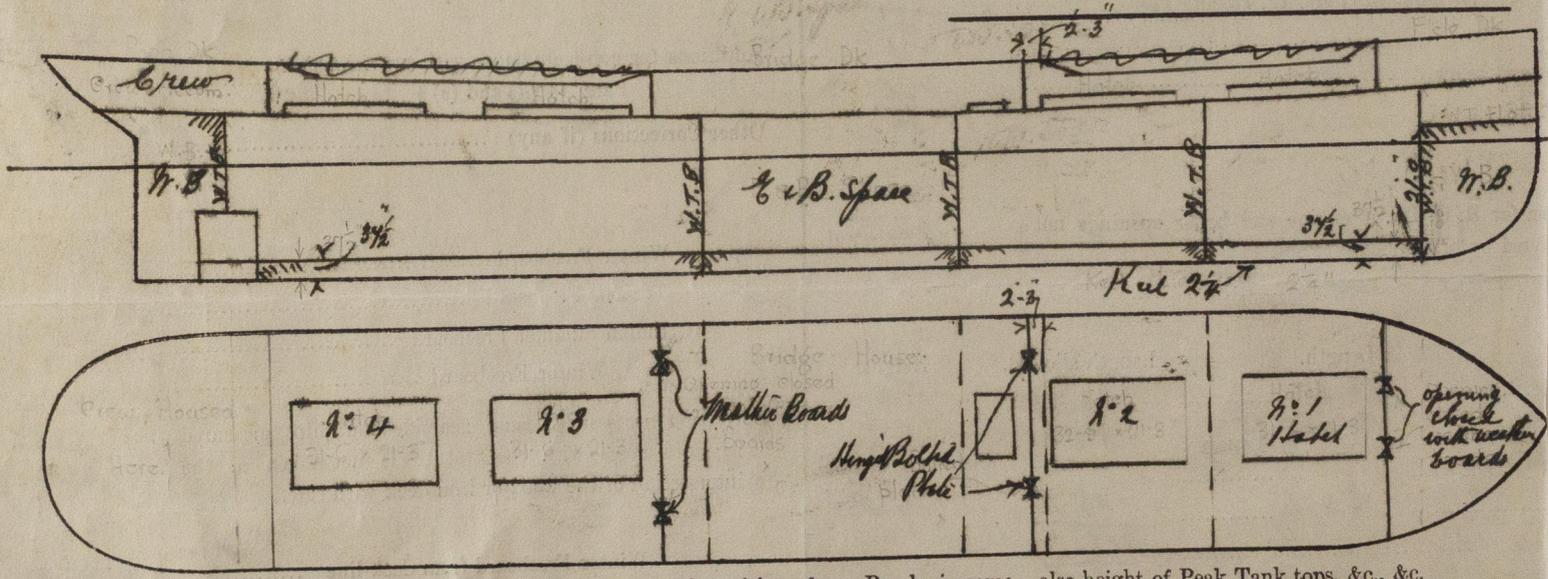
Length of Bulwarks in well *You Well 48.9' After Well 48.9'*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = ~~31.42~~ Sq. ft.

Ft. Tenths. Ft. Tenths. No. Freeing Ports (each side of vessel) = 32.1 Sq. ft.

5-0 x .83 x 8 (open)

Total deficiency or excess = ~~1.4~~ Sq. ft.



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 *Plans in duplicate showing deck plan enclosed. Freeboard request form forwarded to London 24 June 1919. Please see letter dated 13 August 1919. Plans of Messing Room Profile herewith enclosed for paper.*

Owners \_\_\_\_\_  
 Address \_\_\_\_\_  
 Fee £ 4 : 4 : 0 Received by me 28/8/30 66630

