

Lloyd's Register of British & Foreign Shipping.  
SURVEYS FOR FREEBOARD.

SAI. APL 21 1896

10594

No. 23837

PARTICULARS IN RESPECT OF STEAM SHIPS WITH TOP GALLANT FORECASTLES,  
HAVING LONG POOPS OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES,  
OR SHORT POOP AND BRIDGE HOUSE DISCONNECTED, OR BRIDGE HOUSE.

Delete words which do not apply.

Port of Survey

Date of Survey

Name of Surveyor

| Ship's Name.            | Gross Tonnage. | Official Number. | Type of Ship. | Date of Build. | Particulars of Classification. |
|-------------------------|----------------|------------------|---------------|----------------|--------------------------------|
| "BRONZITE"              | 603            | 102624           | well Deck     | 1894           | 100 A.I.                       |
| Number in Register Book | 951            |                  |               | 5m             |                                |

Registered Length as shown by ship's register. 180 Breadth 29.1 Depth 10.65

Length on Loadline 179.9  
Breadth 29.1

Moulded Depth as measured 13.0

NOTE. — If the depth is measured when vessel is afloat, the details of measurement should be reported.

Depth 10.65  
Correction for excess or deficiency of Gradual Sheer (Para. 3) 0.49  
Depth to be used 11.14

CORRECTION FOR LENGTH.

Length of Ship on Loadline 179.9  
Length in Table 156.0  
Difference 23.9

Correction for 10ft. Table A 9 Table C (if required.)  
× Difference divided by 10 0.9  
If the length covered divide by 2 for vessels coming under Para. 11 and Para. 12 +1

Co-efficient of fineness 75  
Any modification necessary [Para. 4 (a) to (e)] 0.03  
Co-efficient as corrected 73

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/3 the length covered 3  
Thickness of usual wood deck, less stringer 3

Sheer Stem 58.5  
at Sternpost 33 91.5 + 2 = 45.75 Mean

Sheer at 1/4 of the length from Stem 37  
Sternpost 15.5 52.5 + 2 = 26.25 Mean

Gradual Sheer 27.99  
Standard Sheer (Table, Para. 18) 17.74  
Difference 10.25

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships 10  
Round of Beam 7 1/2  
Normal round 7 1/2  
Difference 2 3/4 + 2 = 1.375  
Proportion of Deck uncovered (Para. 19) 0.76

Rise in Sheer from amidships [Para. 18 (e)]  
At front of bridge house 3 3/8  
At after end of forecastle 2 1/4

Freeboard, Table A 1.11 1/2  
Correction for Sheer 0.42  
Correction for Length 0.1  
Allowance for Deck Erections 0.8 1/2  
Correction for Round of Beam 0.42  
Correction for Iron Deck (if required) 0.3  
Additions for non-compliance with provisions of Para. 11 (d) and (e) 0.1  
Other corrections (if any) 0

ALLOWANCE FOR DECK ERECTIONS: —

Freeboard, Table C 0.42  
Correction for Length, if required (Para. 12 and 18) 0.1  
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12 and 18) 1.07  
Difference 0.65  
Percentage as below 58.6%

Correction for engine and boiler openings not being covered by bridge house, in cases coming under Para. 11 + 1/4

Allowance for Deck Erections 0.8 1/2

|                  | Length. | Length allowed. | Height. |
|------------------|---------|-----------------|---------|
| Forecastle       | 36.75   | 29.5            | 6.0     |
| Bridge House     | 11.0    | 11.0            | 7.6     |
| + Raised Qr. Dk. | 89.75   | 89.75           | 4.0     |
| Deck             |         | 130.25          |         |
| Total            |         | 179.9           | 7.24    |

Winter Freeboard 8 1/2  
Summer Freeboard 6 1/2  
N. A. Winter Freeboard 8 1/2

Correction necessary because clear side amidships measured in accordance with the Statutes is not taken at the intersection of the wood or iron deck with side. 13 1/4

Winter Freeboard from deck line 10 1/4  
Summer " " " " 8 1/2  
N. A. Winter " " " " 8 1/2

Corresponding percentage (Para. 11, 12, or 13) 58.6%

FREEBOARD recommended 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 " " "

Amended Tables  
March, 1908.

the frames skin planking or ceiling are of unusual thickness the breadth of vessel to inside  
In cases 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.

State dimensions of freeing port area on back of this form.  
Marked in accordance with Sec. 437, M. S. Act, 1894.

MARKING REPORT  
RECEIVED 12 MAY 1906



DELETE WORDS WHICH DO NOT APPLY.

The Crew ~~are~~ *are not*, berthed in the bridge house.

The arrangements to enable them to get backwards and forwards from their quarters ~~are~~ *are, arranged* ~~will be fitted~~.

Length of Bulwarks in well

Area of freeing ports required by Para. 11 (e) each side of vessel

Freeing Ports (each side of vessel)

Ft. Tenths. Ft. Tenths. No.  
2.5 x 1.5 x 3

11.0 Sq. Ft.

11.25 Sq. Ft.

Official Number. Gross Tonnage. Net Tonnage. Total deficiency = Total excess =

Vertical distance from bottom of keel or from top of deck at side amidships to lower edge of lowest side scuttle.

(N.B.—This dimension need not be reported unless the sill of the lowest side scuttle would be less than 6 inches above the Indian Summer Load Line if assigned under the tables.)

Do all the Frames extend to the top height in the Poop?

Do do do in the Raised Quarter Deck?  
Do do do Bridge House?  
Do do do Forecastle?

*Yes*  
*Yes*  
*Yes*

To what height do the Reverse Frames extend?

*Oh ends stringer ally*

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?

*Yes*

State whether the Bridge House efficiently covers the Engine and Boiler Openings

*Covered by R.L.D.*

Has the Bridge House an efficient Iron Bulkhead at the fore end?

*Yes*

Give particulars of the means for closing the openings in Bulkhead

*No openings*

Describe how and to what extent it is Stiffened, give scantlings and spacing of Angle Irons, Bulb Plates, etc.

*Efficiently stiff*

Has the Bridge House an efficient Iron Bulkhead at the after end?

*Yes*

How are the openings closed?

*No openings*

Is the forecastle at least as high as the main or top-gallant rail?

*Yes*

Has the Forecastle an efficient Iron or Wood Bulkhead at its after end?

*Yes*

Are the Hatchways efficiently constructed?

*Yes*

What is the thickness of the Hatches?

*2 1/2"*

State the height of the Coamings in fore well?

*2'8"*

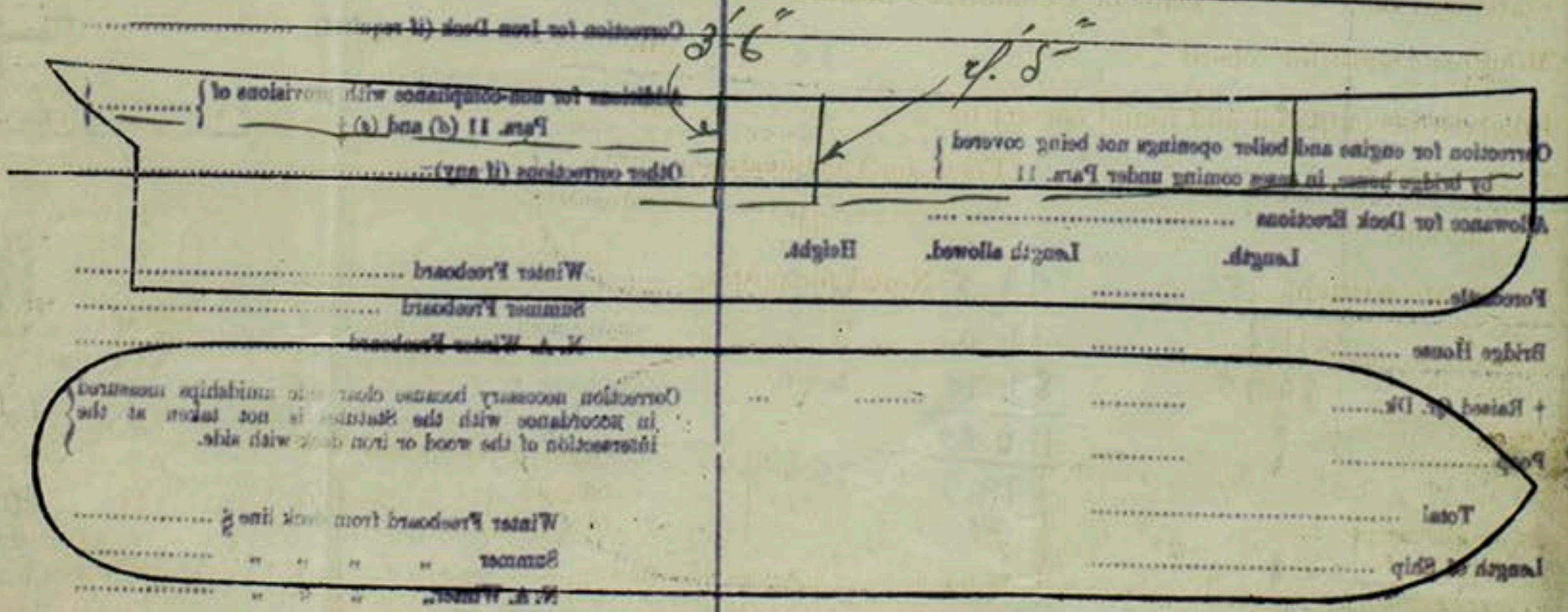
In after well

Are the exposed parts of the Engine and Boiler Casings efficiently constructed?

*Yes*

State any special features in the construction of the Vessel

*No alterations in original length of sections*



Show hereon the actual measurements of sheer, draft, erections, breaks in line of floors, &c.

Owners

*Wm. Robertson Esq.*

Address

*Glasgow*

Fee £ 2 : 2 : 0

Received by me

LR-FAF-78-78