

28/9/32

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REPORT No 4138

15598

# Lloyd's Register of British & Foreign Shipping.

## SURVEYS FOR FREEBOARD.

FRI. 23 MAR 1906

RESPECT OF STEAM SHIPS WITH TOP GALLANT FORECASTLES,  
DECK OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES,  
POOP AND BRIDGE HOUSE DISCONNECTED, OR BRIDGE HOUSE.

Port of Survey Dundee  
Date of Survey 22<sup>nd</sup> March, 1906  
Name of Surveyor W<sup>m</sup> Morrison

Delete words which do not apply.  
Dundee report - No 6811

Gross Tonnage.	Official Number.	Type of Ship.	Date of Build.	Particulars of Classification.
<u>433</u>	<u>110995</u>	<u>Steel S.S. Well Dk</u>	<u>1902-4</u>	<u>100 AI "Well Deck"</u>

Breadth 25.15 Depth 9.85

Moulded Depth as measured..... 12'-2"

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

$$\begin{array}{r} 9.85 \\ + .30 \\ \hline 10.15 \\ + .2 \\ \hline 10.35 \end{array}$$

Tons und. Dk. 305.65  
× 100

### CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 153.1  
 Length in Table ..... 146  
 Difference ..... 7.1

Correction for 10ft., Table A. .... .9 Table C.  
 × Difference divided by 10 ..... +94 (if required.)  
 If  $\frac{1}{10}$ ths length covered and Poop or RQD is connected to Bridge divide by 2 for vessels coming under para. 11 } +4

### CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered ..... .743  
 Thickness of usual wood deck, less stringer..... 3

Steel deck

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....  
 Round of Beam..... 6 1/4"  
 Normal round ..... 6 1/4"  
 Difference ..... + 2 =

NOTE. - The round of beam should be reported on the full breadth of vessel at the gunwale.

$74 \div 2 = 37$  ... Mean

Stem 39.3 Sternpost 40.0 }  $39.3 \div 2 = 19.68$  ... Mean

Correction  $10.7 \div 4 = -2 3/4$

of bridge house.....  
end of forecastle.....

### ALLOWANCE FOR DECK ERECTIONS: -

Required (Para. 12 and 13) ..... 0.3 3/4  
 Allowed for sheer, and for length, } 1.6 1/2  
 Para. 12 and 13) ..... 1.8 3/4

Proportion of Deck uncovered (Para. 17) .....

Freeboard, Table A ..... 1.9 1/4  
 Correction for Sheer ..... - 2 3/4  
 Correction for Length ..... 1.6 1/2  
 Allowance for Deck Erections ..... - 2 3/4  
 Correction for Round of Beam..... 8 1/2

Correction for Iron Deck (if required) ..... - 3  
 Additions for non-compliance with provisions of } 0.8 1/2  
 Para. 11 (e) and (f) }

Other corrections (if any)..... 8 1/2  
~~marked in accordance with Sec. 437, M. S. Act, 1894.~~

Winter Freeboard ..... 7 1/2  
 Summer Freeboard ..... 5 1/2  
 N. A. Winter Freeboard ..... 7

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.

Height.	Length allowed.	Height.
<u>6'-6"</u>	<u>20.14</u>	<u>15</u>
<u>7'-0"</u>	<u>11.33</u>	<u>33</u>
<u>7'-4"</u>	<u>82.3</u>	<u>80</u>
	<u>173.77</u>	<u>743</u>
	<u>153.1</u>	

Winter Freeboard from deck line § ..... 8 1/2  
 Summer " " " " ..... 6 1/2  
 N. A. Winter, " " " " ..... 8

at amidships from centre of Disc to top of Statutory Deck Line, <del>W</del> (Iron) Deck	<u>0</u>	<u>6"</u>
Fresh Water Line above centre of Disc	<u>3</u>	<u>3"</u>
Indian Summer Line " " "	<u>4</u>	<u>4"</u>
Winter Line below " "	<u>2</u>	<u>2"</u>
Winter North Atlantic Line " " "	<u>1</u>	<u>1"</u>

When are of unusual thickness the breadth of vessel to inside of deck erections under Para 11, where the sheer drops abaft amidships 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.

W498-0297

be dealt with. Inform Bureau Fees charged

3073

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 not~~, satisfactory.

Length of Bulwarks in well 37.82 ft  
 Area of freeing ports required by Para. 11 (f) each side of vessel 10.28 Sq. Ft.  
 Freeing Ports (each side of vessel)

in well  $\left. \begin{array}{l} \text{Ft. Tenth.} \\ 2.33 \times 1.5 \times 3 \end{array} \right\} = 10.48 \text{ Sq. Ft.}$

(On RQD - 3 ports 2.33' x 1.5')

Total deficiency = ✓ Sq. Ft.  
 Total excess = 0.2 "

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? yes

Do. do. do. Bridge House? yes

Do. do. do. Forecastle? yes

To what height do the Reverse Frames extend? Bulge & St. Alter at RQD, Side stringer & St. alterly

Has the ~~Poop~~ 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~~ raised Quarter Deck connected with the Bridge House? yes

State whether the Bridge House efficiently covers the Engine and Boiler Openings no

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 (except scuttle for cabin)

Describe how and to what extent it is Stiffened, give scantlings and spacing of Angle Irons, Bulb Plates, etc. Plating  $\frac{5}{20}$  coaming  $\frac{6}{20}$ :  $5\frac{1}{2} \times 3 \times \frac{8}{20}$  B.A. Stiff spaced 30" Brackets top & Bottom

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 - 6'-6" high

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

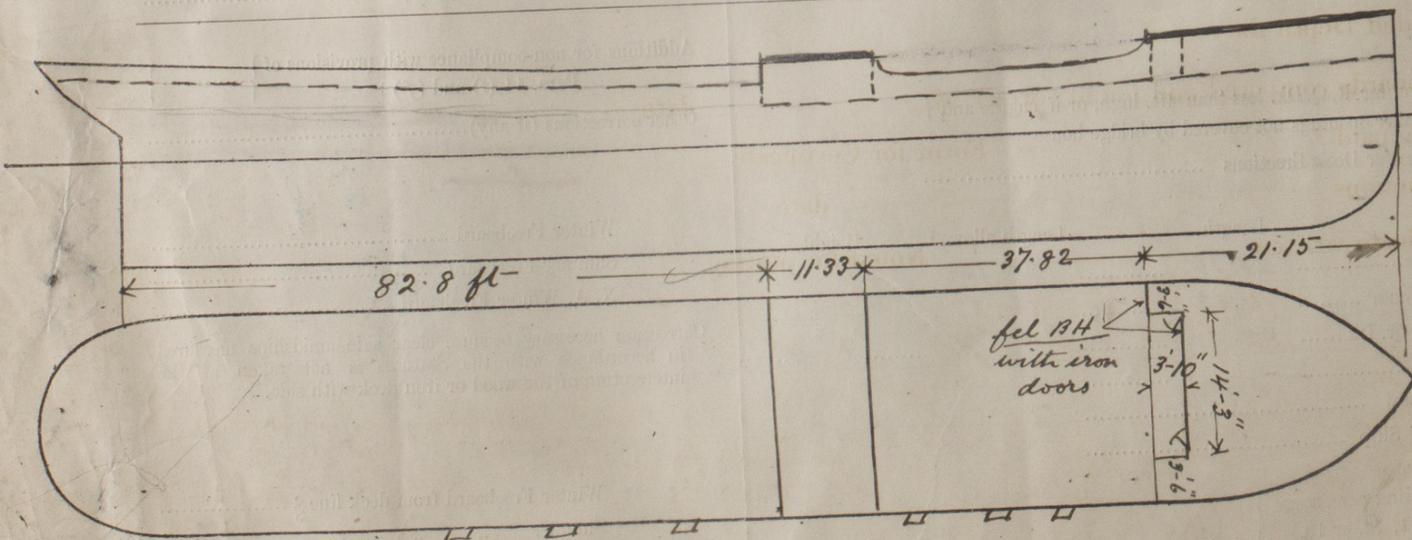
Are the Hatchways efficiently constructed? yes What is the thickness of the Hatches?  $2\frac{7}{8} \times 3$ "

State the height of the Coamings in ~~the~~ well? 30" In ~~the~~ RQD 48"

Are the exposed parts of the Engine and Boiler Casings efficiently constructed? yes (casing 7 ft high with iron doors)

State any special features in the construction of the Vessel none

Particulars as requested by Secretary's letter 17-19<sup>th</sup> March, 1906,



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

Owners Balgay Shipping Co Ltd (W. Kinnear & Co Mgrs)

Address Dundee

Fee £ 2 : 2 : 0 applied for Received by me Wm Morrison

(Rpt. 12.)

FREEB

Port Dundee

Vessel's Name S...

Official No.

Port of Registry (F)

Iron or Steel Ste

Name of Owners B...

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See Secretary's l

(To be filled up in London

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