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17234

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.

JULY 27 MAR 1906

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.

Port of Survey Liverpool

Date of Survey 24.3.1906

Name of Surveyor Mr Harris

now Saga

Delete words which do not apply.

Ship's Name. <u>"Scotocraig"</u>	Gross Tonnage. <u>902</u>	Official Number. <u>118440</u>	Type of Ship. <u>Welldeck</u>	Date of Build. <u>1904-4 mo</u>	Particulars of Classification. <u>100 A.1. 5.05</u> <u>L.M.C. 8.00.</u>
Number in Register/Book <u>594</u>					

Registered Length as shown by ship's register. 200.15 Breadth 32.5 Depth 13.1
 Length on Loadline 200 *beling + 2*
 Breadth 32.5 *13.3*

Moulded Depth as measured..... 15'-3"

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

Depth..... 13.3 Tons und. Dk. 676.74
 Correction for excess or deficiency of Gradual Sheer (Para. 8)41
 Depth to be used..... 13.71 × 100

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>200</u> ✓
Length in Table	<u>183</u> ✓
Difference	<u>17</u> ✓
Correction for 10ft., Table A.	<u>1.0</u> ✓ Table C.
× Difference divided by 10	<u>1.7</u> (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 for vessels coming under Para. 11 and Para. 12	<u>+ 3/4</u> ✓

Co-efficient of fineness76
 Any modification necessary [Para. 4 (a) to (e)*] } 0.83 *deep fr*
 Co-efficient as corrected75

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered	<u>.428</u>
Thickness of usual wood deck, less stringer.....	<u>3</u> ✓
	<u>-3'</u>

Sheer { Stem... 60 } 90 ÷ 2 = 45... Mean
 at { Sternpost... 30 }
 Sheer at $\frac{1}{2}$ of the length from { Stem 37 } 55 ÷ 2 = 27.5... Mean
 { Sternpost 18 }

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	
Round of Beam.....	<u>10</u>
Normal round	<u>8</u>
Difference	<u>2</u> ÷ 2 = <u>1</u> ✓
Proportion of Deck uncovered (Para. 19)	<u>-1/4</u>

Gradual Sheer 30
 Standard Sheer (Table, Para. 18).....
 Difference..... 15 ÷ 4 = -3 3/4 ✓

Rise in Sheer from amidships { At front of bridge house.....
 [Para. 18 (e)] { At after end of forecastle

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	<u>7 1/4</u> ✓
Correction for Length, if required (Para. 12 and 13)	
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12 and 13) 11	<u>2. 2 3/4</u> ✓
Difference	<u>1. 7 1/2</u> ✓
Percentage as below.....	<u>59.2%</u> ✓

Freeboard, Table A	<u>2 - 6 1/2</u> ✓
Correction for Sheer	<u>- 3 3/4</u> ✓
Correction for Length	<u>+ 2. 2 3/4</u> ✓
Allowance for Deck Erections	<u>- 2. 3 1/2</u> ✓
Correction for Round of Beam.....	<u>- 1 1/2</u> ✓
Correction for Iron Deck (if required)	<u>- 3</u> ✓
Other corrections (if any).....	<u>- 1. 7 3/4</u> ✓

Correction for engine and boiler openings not being covered by bridge house, in cases coming under Para. 11 }
 Allowance for Deck Erections - 1 1/2

Additions for non-compliance with provisions of Para. 11 (d) and (e) †
 Other corrections (if any).....

	Length.	Length allowed.	Height.
Forecastle.....	<u>24.62</u>	<u>21.62</u> ✓	<u>7.25</u>
Bridge House	<u>55.87</u>	<u>54.75</u> ✓	<u>4.25</u>
+ Raised Qr. Dk.....	<u>69.24</u>	<u>69.24</u>	<u>4.0</u>
Poop.....		<u>145.61</u> ✓	
Total		<u>200</u>	<u>= .728</u>

Winter Freeboard	<u>1 - 7 3/4</u> ✓
Summer Freeboard	<u>11 10 3/4</u> ✓
N. A. Winter Freeboard	<u>1 - 3 1/2</u> ✓
Correction necessary because clear side amidships measured in accordance with the Statutes is not taken at the intersection of the wood iron deck with side.	<u>1 1/2</u> ✓
Winter Freeboard from deck line §	<u>1 - 2 1/2</u> ✓
Summer " " " "	<u>1 - 0 1/2</u> ✓
N. A. Winter, " " " "	<u>1 - 5 1/4</u> ✓

Corresponding percentage (Para. 11, 12, or 13) 59.2%

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, 1903.
 State dimensions of freeing port area on back of this form.
 Marked in accordance with Sec. 437, M. S. Act, 1894.

† 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.

ms 28/4/06



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DELETE WORDS WHICH DO NOT APPLY.

The Crew are, ~~not~~, berthed in the bridge house. *and Forecasts* ✓ ✓
 The arrangements to enable them to get backwards and forwards from their quarters are, ~~satisfactory~~

Length of Bulwarks in well *57' 10"*
 Area of freeing ports required by Para. 11 (e) each side of vessel *11.7* Sq. Ft.
 Freeing Ports (each side of vessel)

Ft.	Tenths.	Ft.	Tenths.	No.	
<i>2'</i>	<i>96</i>	<i>1'</i>	<i>83</i>	<i>3</i>	} = <i>15.09</i> Sq. Ft.
	x		x		

Total deficiency = _____ Sq. Ft.
 Total excess = *3.39* "

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? *Main + R Q Deck Dhs.*

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 *Yes*

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 *efficiently covered by their own casings Yes*

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

Give particulars of the means for closing the openings in Bulkhead *Top openings covered with bolted plates. The openings are above the top of bulwarks.*

Describe how and to what extent it is Stiffened, give scantlings and spacing of Angle Irons, Bulb Plates, etc. *B&A = 8 x 3 x 1/2" spaced 30" braced 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*

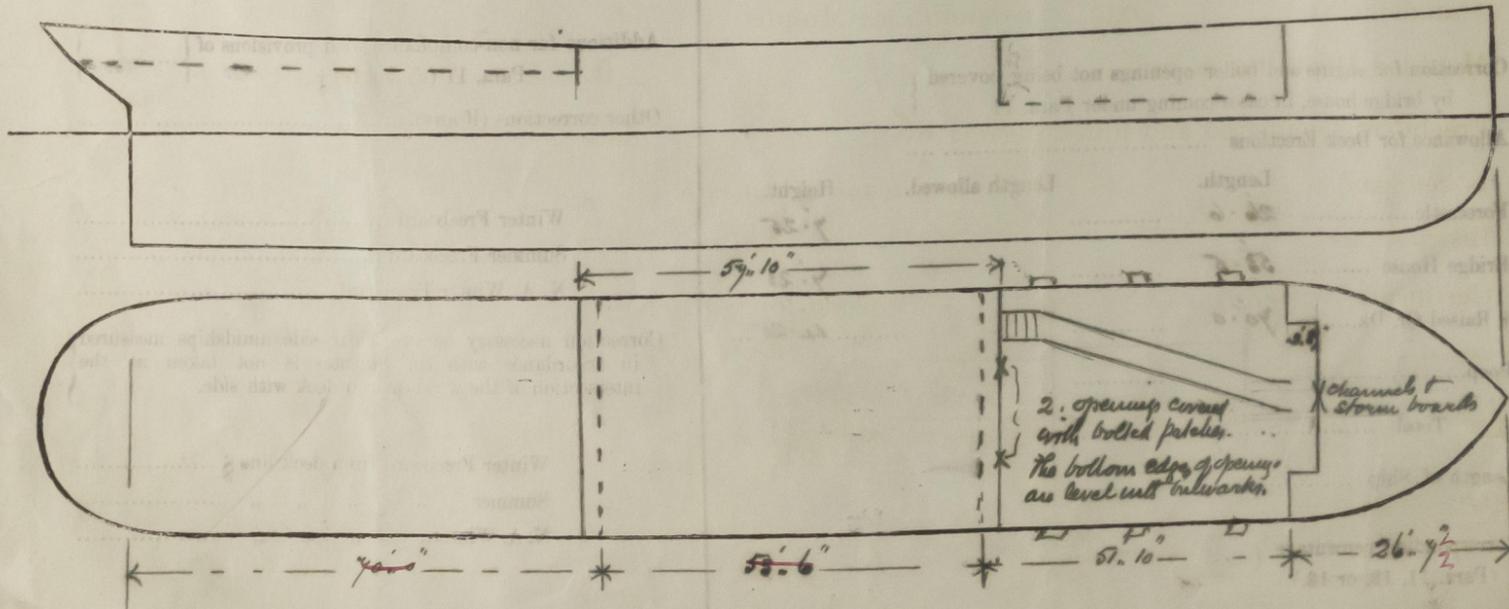
Has the Forecastle an efficient Iron or Wood Bulkhead at its after end? *Yes*

Are the Hatchways efficiently constructed? *Yes* What is the thickness of the Hatches? *✓*

State the height of the Coamings in fore well? *2' 6"* 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 ✓



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

Owners *Wm Kinnear & Co*

Address *18 Commercial St Dundee*

Fee £ *2 : 2 : 0* Received by me *28/3/01*

