

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 WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

GLASGOW REPORT No. 48343
Port of Survey Glasgow
Date of Survey During Construction
Name of Surveyor George Nicol

Ship's Name. S. S. "ROSSINGTON COURT"
Fairfield S.S. Co. Ltd. N. 631
Number in Register Book

Port of Registry and Nationality. British
Official Number. 160585

Gross Tonnage. -
Date of Build. 1928
Particulars of Classification. +100. A.1. with Freeboard. (contemplated)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>420.0</u>	<u>56.50</u>	<u>25.80</u>	<u>4929.91</u>
Length on LOADLINE.	<u>420.0</u>	Frame Depth <u>12</u> Rule <u>6</u> <u>6</u> <u>12</u> <u>-1.0</u> <u>Spanning (11ft)</u>	Ceiling <u>+20</u> Sheer <u>+39</u>	Peak <u>3</u> Tanks <u>3</u> Planking <u>6.30</u> Form <u>form</u> Rising D. B. aft <u>+157</u>
CORRECTED DIMENSIONS.	<u>420.0</u>	<u>55.50</u>	<u>26.39</u>	<u>4936.21</u> <u>4951.21</u>

Moulded Depth as measured... 28'-4 1/2
Addition for Keel below base line for draught record... 2 1/4 inches.

NOTE.— If the depth is measured when vessel is afloat, the details of measurement should be reported.
28'-4 1/2
1-1 3/4
29'-6 1/4
3'-9 1/2
25'-8 3/4

Co-efficient of fineness..... 4936.21 / (420 x 55.5 x 26.39) = .80
Any modification necessary [Para. 4 (a) to (e)]*
Co-efficient as corrected78

CORRECTION FOR LENGTH
Length of Ship on Loadline..... 420.0
Length in Table 340.5
Difference 79.5
Correction for 10ft., Table A. 1.475 Table C.
× Difference divided by 10 4.72 (if required.)
If 1/10ths length covered divide by 2 5.86 + 5 3/4

Sheer { Stem..... 96.00
at { Sternpost... 48.25 } 144.25 ÷ 2 = 72.12.. Mean 36 | 14.13
39
Sheer at 1/3 of the length from { Stem 49.0
Sternpost 23.75 } 72.75 ÷ 2 = 36.37.. Mean 36.37
55 = 66.13
Gradual mean Sheer 66.09.13
Standard mean Sheer [Table, Para. 18] 52.00
Difference..... 14.09 ÷ 4 = 3 1/2
§ If limited as Para. 18 (f)

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered989
Thickness of usual wood deck, less stringer 3 1/2 -3 1/2

Rise in Sheer { At front of bridge house.....
from amidships { At after end of forecastle

Fall in Sheer { Para. 18 (d) } ÷ 2 = ✓
Length uncovered Correction

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships... 56
Round of Beam 13 1/4
Normal round..... 14
Difference 1/4 ÷ 2 = 12
Proportion of Deck uncovered (Para. 19) 0 Nil

ALLOWANCE FOR DECK ERECTIONS :—
Freeboard, Table C..... 3'-9 1/2
Correction for Length, if required (Para. 12, 13, and 14)
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) 11 } 6-8
Difference 2-10 1/2
Percentage as below..... 93.9
32.40
2'-8 1/2

Freeboard, Table A 6'-11 1/2
Correction for Sheer - 3 1/2
Correction for Length + 5 3/4
Allowance for Deck Erections 7-13 1/4
Correction for Round of Beam..... - 2-8 1/2
Correction for fall in Sheer (if any).....
Correction for Steel Deck (if required) 4-13 1/4
Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Other Corrections (if any)

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections

Winter Freeboard 4'-13 1/4
Summer Freeboard 3. 7 3/4
Indian Summer Freeboard 3. 13 1/4
N. A. Winter Freeboard

	Length.	Length allowed.	Height.
Forecastle.....	<u>384.29</u>	<u>384.21</u>	<u>8'-0"</u>
Bridge House			
† Raised Q. Dk.	<u>8.75</u>		
Poop.....	<u>26.96</u>	<u>26.82</u>	<u>8'-0"</u>
Total		<u>411.03</u>	
Length of Ship		<u>411.03 + 4.48 = 989</u>	
Corresponding percentage { (Para. 11, 12, 13, or 14) } <u>93.9%</u>		<u>420</u>	

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side. +1 3/4

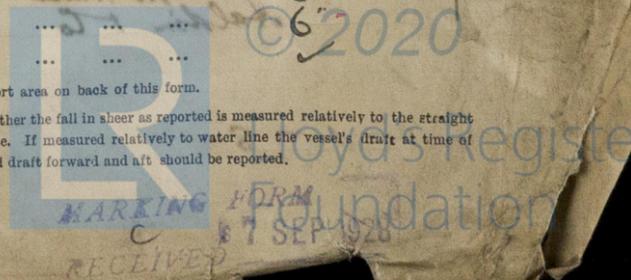
FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck :—
Fresh Water Line above centre of Disc 6
Indian Summer Line " " " " 6
Winter Line below " " " "
Winter North Atlantic Line " " " "

Winter Freeboard from deck line 4-3 1/2
Summer " " " " 3-9 1/2
Indian Summer " " " " 3. 3 1/2
N. A. Winter " " " "

If the frames, sk'n 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 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 1/10th of the vessel's length from stem and stern-post.

† 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.

W450-0181



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

To what height do the Reverse Frames extend? *in way of porting arrangements* *2nd deck*

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 *complete Shelter deck* *no openings*

Is the Poop or Raised Quarter Deck connected with the Bridge House? *Yes* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*

Give particulars of the means for closing the openings in Bulkhead *No openings*

What is the thickness of the Bridge Front plating? *✓* and Coaming plate? *✓*

Give scantlings and spacing of the Stiffeners *✓*

Are bracket plates fitted at each end of the Stiffeners? *✓* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *✓*

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

How are the openings closed? *Shutting boards in inseted channels full height*

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? *No*

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 Shelter deck*

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, see below*

Position and Size.	N. 1. 30'-4" x 20'		N. 2. 30'-4" x 20'		N. 3. 14' x 18'		N. 4. 30'-4" x 20'		N. 5. 30'-4" x 20'	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING: Height above top of DECK	31									
	Sides.....	.44		Same		as N. 1.				
Thickness	Ends.....	.44								
	Number	5		Same		2		Same		Same
SHIFTING BEAMS OR WEB PLATES.	Section and Scantlings	P. 18 x 3/4		as		P. 16 x 3/4		as		as
	Material	A.A. 4x3x1/4		N. 1.		A.A. 4x3x1/4		N. 1.		N. 1.
		Steel				Steel				
* FORE AND AFTERS.	Number			No fore and afters.						
	Section and Scantlings			Horizontal		bulb angles on coaming and stays				per plan
	Material									
HATCHES Thickness	2 1/2 pine			Same as N. 1.						
Remarks.....										

* 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?*

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

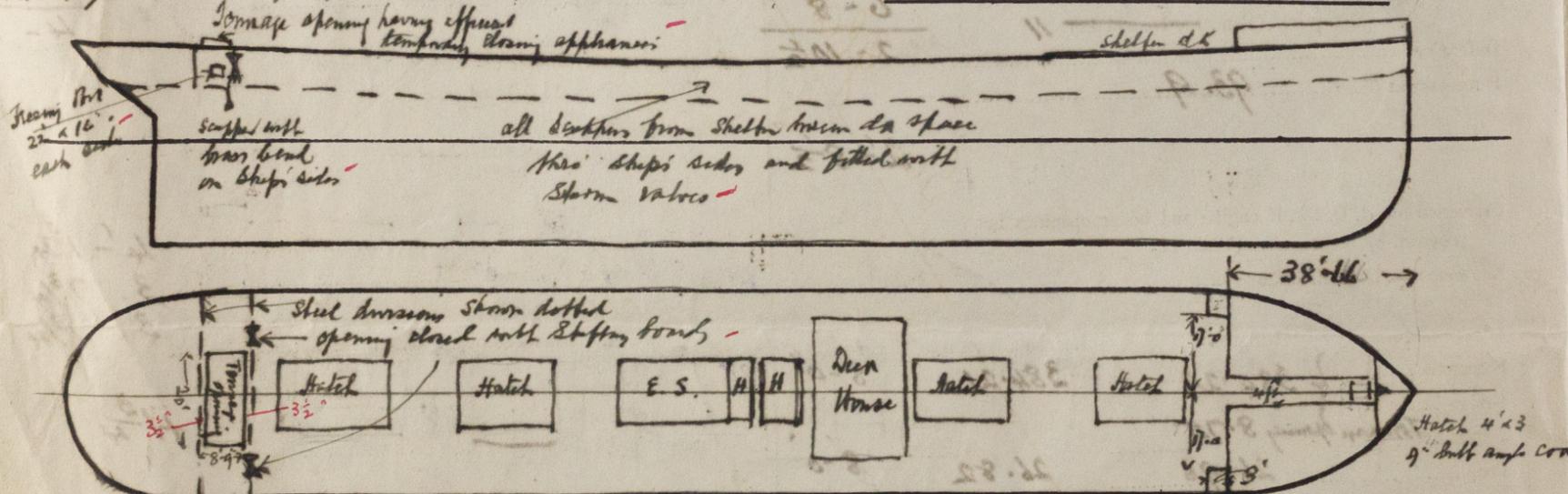
Area of Freeing Ports required by Para. 11 (e) each side of vessel = *2.44* Sq. ft.

Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = *2.44* Sq. ft.

1. 83 x 1. 33 x

Total deficiency or excess = *2.44* Sq. ft.

Request form N. 9 also approved plans of bulwark section & profile herewith



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 *Complete Superstructure vessel with Lomage opening*

Builder's name and yard number *Fairfield S. B. Coy's N. 681*

Names of sister vessels *Vessel is similar to the Northumberland S. B. Coy's 405/6 and the Builder for these vessels are stated to be assured*

Owners *Haldin & Co*

Address *Scantlings are made suitable for a summer moulded draught of 26'-10" with the lomage opening closed.*

Fee £ 10 - 1 - 8

Received by me *See F.C. Report.*

