

30 AUG 1928

Index No. **32874**
(For London Office only.)

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.

Port of Survey

Date of Survey

Name of Surveyor

48343

Glasgow

During Construction

George Nicol

Ship's Name.

Port of Registry and Nationality.

Official Number.

Gross Tonnage.

Date of Build.

Particulars of Classification.

S. S. "ROSSINGTON COURT"
Fairfield S.S. Co. Ltd. N. 631
Number in Register Book

British

160585

1928

+100. A.I. with Freeboard.
(contemplated)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	420.0	56.50	25.80	4929.91
Length on LOADLINE.	420.0	Frame Depth 12.0 Rule 6.0 -1.0 12.0	Ceiling +2.0 No Sheer +39.0 Peak Tanks +6.30 Rising D. Beam +15.7	
CORRECTED DIMENSIONS.	420.0	55.50	26.39	4936.21 4951.21

Co-efficient of fineness.....

Any modification necessary {
[Para. 4 (a) to (e)]*

Co-efficient as corrected

Sheer { Stem..... 96.00
at { Sternpost ... 48.25
2 = 72.12..Mean

Sheer at $\frac{1}{2}$ of the length from { Stem 49.0
Sternpost 23.75
2 = 36.37..Mean

Gradual mean Sheer 66.49.13

Standard mean Sheer [Table, Para. 18] 52.00

Difference..... 14.49 $\div 4 = 3.62$

§ If limited as Para. 18 (f)

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

Fall in Sheer {
Para. 18 (d) { $\div 2 =$

Length uncovered Correction

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

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

Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle.....	384.29	384.21	8'-0"
Bridge House	8.75		
+ Raised Q. Dk.....	26.96	26.82	8'-0"
Poop.....			
Total		411.03	

Length of Ship 411.03 + 4.48 = 989

Corresponding percentage {
(Para. 11, 12, 13, or 14) 93.9%

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 "	6"
Winter North Atlantic Line	" "	6"

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 vessels having poops and forecastles, it means the sheer measured at points distant from the stem and stern-post.

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 1/2"
3'-9 1/2"
25'-8 3/4"

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

x Difference divided by 10 4.72

If $\frac{1}{10}$ ths length covered divide by 2 5.86 + 5 3/4

Table C.

(if required.)

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered 989

Thickness of usual wood deck, less stringer 3 1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 56

Round of Beam 13 1/4

Normal round..... 14

Difference 1/4 $\div 2 = 1/8$

Proportion of Deck uncovered (Para. 19) 0

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

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..... 4-5 1/4"

Correction for fall in Sheer (if any).....

Correction for Steel Deck (if required) 3 1/2"

Additions for non-compliance with provisions of {

Para. 11 (d) and (e) + {

Other Corrections (if any)

Winter Freeboard 4'-1 3/4"

Summer Freeboard 3. 7 3/4"

Indian Summer Freeboard 3. 13/4"

N. A. Winter Freeboard

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"

Winter Freeboard from deck line 4-3 1/2"

Summer " " " 3-9 1/2"

Indian Summer " " " 3. 3 1/2"

N. A. Winter " " "

3'-9 1/2"

6"

6"

6"

+ 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

MARKING FORM

RECEIVED

Do all the Frames extend to the top height in the ~~Poop~~ *Shelter deck* ^{4/15} Raised Quarter Deck? ~~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? ^{on Shelter deck} ~~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? ^{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 insetted 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		N. 1.				
	Thickness	44								
SHIFTING BEAMS OR WEB PLATES:	Number	5	Same		2		Same		Same	
	Section and Scantlings	P. 18 x 36	as		P. 16 x 34		as		as	
	Material	A.A. 4 x 3 x 4	N. 1.		N.A. 4 x 3 x 4		N. 1.		N. 1.	
* FORE AND AFTERS:	Number		No fore and afters.							
	Section and Scantlings		Horizontal bulk 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.}

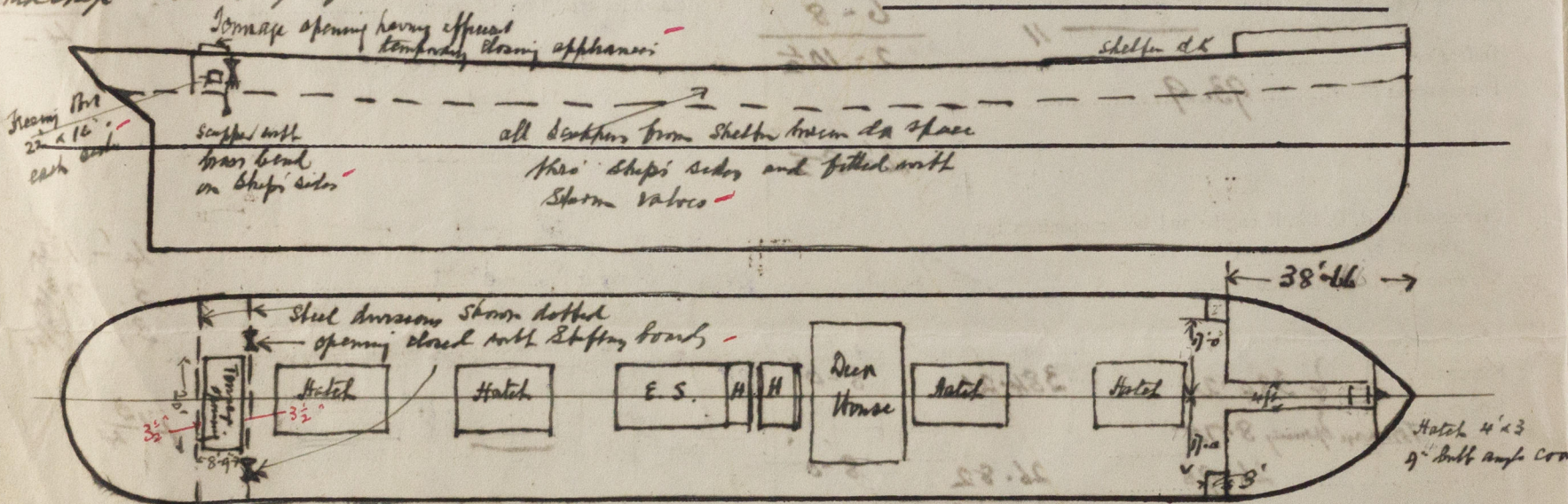
Length of Bulwarks in well

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

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

Total deficiency or excess = 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. & Co. N. 681}

Names of sister vessels ^{Vessel is similar to the Northumberland S. B. Coys 405/6 and the Breston for these vessels are stated to be assigned}

Owners ^{Haldin & Co}

Address

Fee £ 10 - 1 - 8

Received by me

^{See F. E. Report.}

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