

Verify on report.

Index No. 30532A
(For London Office only.)

Lloyd's Register of Shipping

MEASUREMENTS FOR FREEBOARD.—STEAM SHIPS.

Nett No. 18003
FRI. 16 JUN. 1922

APPLYING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR
ANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS
CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Greenock.
Date of Survey while building.
Name of Surveyor A.P.W. Wharab

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>STAFFNAGE</u> <u>Glasgow's Old No 734.</u>	<u>Glasgow</u> <u>British</u>	<u>146308</u>	<u>✓</u>	<u>1922.</u>	<u>100 A.I. (contemplated)</u>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>384.9.</u>	<u>52.0.</u>	<u>26.7.</u>	<u>4293.17.</u>
Length on LOADLINE.	<u>384.0.</u>	Frame Depth <u>9.</u> Rule „ <u>52.</u>	Ceiling + <u>2.</u> Sheer + <u>75.</u>	Peak Tanks <u>✓</u>
		<u>- 58.</u>		
CORRECTED DIMENSIONS.	<u>384.0.</u>	<u>51.42.</u>	<u>27.65.</u>	<u>4293.17.</u>

Moulded Depth as measured..... 29' 3".

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

Addition for Keel below base line for draught record..... 23/4. inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>384.0.</u>
Length in Table	<u>351.0.</u>
Difference	<u>33.0.</u>
Correction for 10ft., Table A.	<u>1.5.</u> Table C. <u>75.</u>
× Difference divided by 10	<u>4.95.</u> (if required.) <u>2.47.</u>
If 1/10ths length covered divide by 2	<u>+ 5.</u> <u>+ 2 1/2.</u>

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	<u>4953.</u>
Thickness of usual wood deck, less stringer	<u>- 1 3/4.</u>

CORRECTION FOR ROUND OF BEAM.

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

Breadth at Gunwale amidships.....	<u>49' 11".</u>
Round of Beam	<u>13.</u>
Normal round.....	<u>12 1/2.</u>
Difference	<u>2.</u> ÷ 2 = <u>1 1/4.</u>
Proportion of Deck uncovered (Para. 19)	<u>✓</u>

Coefficient of fineness..... .786.
Any modification necessary [Para. 4 (a) to (e)]* - .02. cell: double bottom.
Coefficient as corrected76.

Sheer { Stem..... 116. } 176 ÷ 2 = 88. Mean
at { Sternpost ... 60. }
Sheer at 1/2 of the length from { Stem } ÷ 2 = ... Mean
Sternpost { }
Gradual mean Sheer from curve. 75.39.
Standard mean Sheer [Table, Para. 18] 48.40. Correction
Difference..... 26.99 ÷ 4 = - 6 3/4
§ If limited as Para. 18 (f)
no sheer for 112' 8" amidships.

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

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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	<u>4' 0 3/4.</u>
Correction for Length, if required (Para. 12, 13, and 14)	<u>+ 2 1/2.</u>
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) }	<u>4' 3 1/4.</u>
Difference	<u>7' 0 3/4.</u>
Percentage as below.....	<u>2' 9 1/2.</u>
	<u>31.67.</u>
	<u>10.60.</u>

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ✓
Allowance for Deck Erections - 10 1/2.

	Length.	Length allowed.	Height.
Forecastle.....	<u>44.0.</u>	<u>44.0.</u>	<u>8' 0.</u>
Bridge House <u>110.5 + 2.16.</u>	<u>112.12.</u>		
† Raised Qr. Dk.....			
Poop.....	<u>34.08.</u>	<u>34.08.</u>	
Total		<u>190.20.</u>	
Length of Ship		<u>384.00.</u>	<u>4953.</u>

Corresponding percentage {
(Para. 12, 13, and 14) } 31.67.

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

<u>6.22</u>	Fresh Water Line	above centre of Disc	...
	Indian Summer Line	" " "	...
	Winter Line	below " "	...
	Winter North Atlantic Line	" " "	...

Freeboard, Table A	<u>7' 2 1/2.</u>
Correction for Sheer	<u>- 6 3/4.</u>
Correction for Length	<u>+ 5.</u>
Allowance for Deck Erections	<u>7' 0 3/4.</u>
Correction for Round of Beam.....	<u>- 10 1/2.</u>
Correction for fall in Sheer (if any).....	<u>6' 2 1/4.</u>
Correction for Iron Deck (if required)	<u>- 1 3/4.</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	<u>6' 0 1/2.</u>
Other Corrections (if any)	<u>✓</u>

Winter Freeboard	<u>6' 0 1/2.</u>
Summer Freeboard	<u>5' 7 1/4.</u>
Indian Summer Freeboard	<u>5' 2.</u>
N. A. Winter Freeboard	<u>✓</u>
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the <u>wood</u> or iron deck with side.	<u>+ 1 3/4.</u>

Winter Freeboard from deck line	<u>6' 2 1/4.</u>
Summer " " " "	<u>5' 9.</u>
Indian Summer " " " "	<u>5' 3 3/4.</u>
N. A. Winter " " " "	<u>✓</u>

5' 9" 5' 9" 5' 9"	5' 9" 5' 9" 5' 9"	5' 9" 5' 9" 5' 9"
6 3/4 6 3/4 6 3/4	5 1/2 5 1/2 5 1/2	5 5 5

† State dimensions of freeing port area on back of this form.
The Surveyor should state whether the fall in sheer is reported as 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.

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Foundations
MARKING REPORT
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Do all the Frames extend to the top height in the Poop? *yes.* Raised Quarter Deck? *yes.* Bridge House? *yes.*
 To what height do the Reverse Frames extend? *Bull angle framing.*
 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 *by storm boards full height fitted into*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *no.* Has the Bridge House an efficient Bulkhead at the fore end? *yes.*
 Give particulars of the means for closing the openings in Bulkhead *steel doors.*
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44.*
 Give scantlings and spacing of the Stiffeners *9 x 3 1/2 x 60. bull angle spaced about 30" apart.*
 Are bracket plates fitted at each end of the Stiffeners? *yes.* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *yes.*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *yes.*
 How are the openings closed? *by storm boards full height fitted into channels riveted to bulkhead.*
 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? *yes.*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *yes.*
 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? *✓*
 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.*

Position and Size.		No. 1. 23' 10" x 18' 0"		No. 2. 28' 2" x 18' 0"		No. 3. 13' 0" x 18' 0"		No. 4. 30' 4" x 18' 0"		No. 5. 21' 8" x 18' 0"	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30"		30"		30"		30"		30"	
	Sides.....	.44		.44		.44		.44		.44	
	Ends.....	.44		.44		.44		.44		.44	
SHIPPING DECK OR WEB PLATES.	Number	4.		5.		2.		5.		4.	
	Section and Scantlings	15 1/2 x 8 1/2 x 36		16 1/2 x 9 1/2 x 36		15 1/2 x 9 1/2 x 36		16 1/2 x 9 1/2 x 36		15 1/2 x 9 1/2 x 36	
	Material	4 x 3 x .44		4 x 3 x .44		4 x 3 x .44		4 x 3 x .44		4 x 3 x .44	
* FORE AND AFTERS.	Number										
	Section and Scantlings	✓		✓		✓		✓		✓	
	Material										
HATCHES Thickness		2 1/2"		2 1/2"		2 1/2"		2 1/2"		2 1/2"	
Remarks.....											

* The depth of Fore and Afters should be stated from the under side 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.	
5		x		x	Freeing Ports (each side of vessel) = _____ Sq. ft.
		x		x	
		x		x	

Total deficiency or excess = _____ Sq. ft.

Sheer aft.

60	1	60
38	4	152
20.5	2	51
7	4	28
0	1	0

12 1/2

23.46

Fore. 47.79 x 135.25 = 6463.6.

Midships. 0.00 x 112.66 = 00.0.

aft. 23.42 x 136.08 = 3186.7.

384 9650.3.

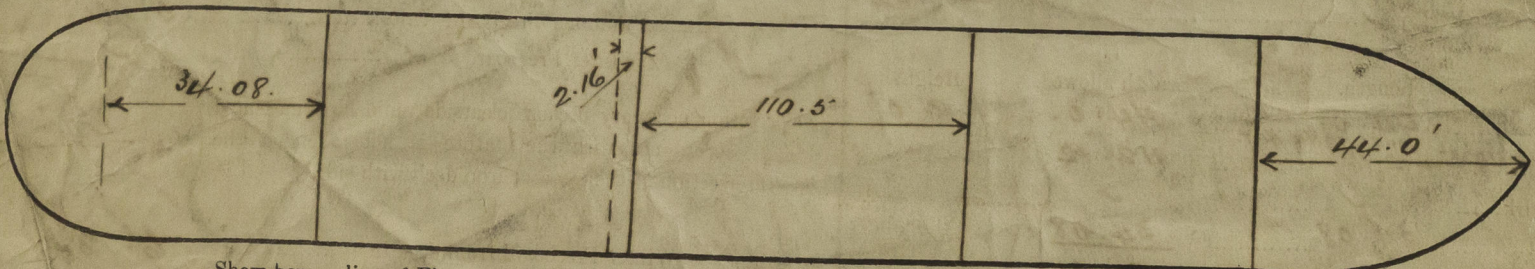
25.13 x 3 = 75.39.

Sheer. fore.

0	1	0
15	4	60
43.75	2	87.5
77.50	4	310.0
116.00	1	116.0

12 1/2

47.79



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 *Sister vessel except in length of erections to S. S. "Saint Bede" Grk fbd rpt No 17485. The midship section & profile & deck plans are enclosed for reference & a freeboard report is also forwarded herewith.*
 Owners _____
 " Address _____
 " _____

Received by me *Lee L. E. Report.*