

18012

Index No. 24943
(For London Office only.)

TUE. AUG. 23 1921

Rpt. 11b.

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 Barr
Date of Survey 22 Aug 1921
Name of Surveyor A. R. Harris

Havenshoe
Marnetown
St. Kepwickhall
Number in Register Book 20783

Ship's Name	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>Marnetown</u> <u>St. Kepwickhall</u>	<u>London</u>	<u>139223</u>	<u>4128.76</u>	<u>1916</u>	<u>+100 A1 Shelter deck with freeboard.</u>

REGISTERED DIMENSIONS.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
Registered dimensions from Register.	<u>380</u>	<u>57.45</u>	<u>23.75</u>	<u>3826.78</u>
Length on LOADLINE.	<u>379.66</u>	Frame Depth <u>10 1/2</u> Rule " <u>5 1/2</u>	Ceiling <u>4.20</u> Sheer <u>41.22</u>	Peak } Tanks } <u>Incl</u>
CORRECTED DIMENSIONS.	<u>349.66</u>	<u>50.62</u>	<u>25.42</u>	<u>3826.48</u>

Moulded Depth as measured..... 26.3
Addition for Keel below base line for draught record.....inches.

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

Efficient of fineness..... .48
Modification necessary [Para. 4 (a) to (e)]* } C.D.B
Efficient as corrected46

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>379.66</u>
Length in Table	<u>315.00</u>
Difference	<u>64.66</u>
Correction for 10ft., Table A.	<u>1.4</u> Table C.
× Difference divided by 10	<u>9.05</u> (if required.)
If 1/10ths length covered divide by 2	<u>4.525 + 4 1/2"</u>

Mean at Stem..... 120
Mean at Sternpost... 60
 $180 \div 2 = 90$...Mean

CORRECTION FOR IRON DECK.
Proportion covered, if less than 7/10ths length covered
Thickness of usual wood deck, less stringer 3 1/2 - 3 1/2

Mean at 1/2 of the length from Stem 68
Sternpost 33
 $101 \div 2 = 50.5$...Mean
Radial mean Sheer 90.9
Standard mean Sheer [Table, Para. 18] 44.94 Correction "
Difference..... $42.93 \div 4 = -10 3/4$
If limited as Para. 18 (f)

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>49-8"</u>
Round of Beam	<u>124</u>
Normal round.....	<u>12 1/2</u>
Difference	<u>14</u> $\div 2 =$ <u>7</u>
Proportion of Deck uncovered (Para. 19)	<input checked="" type="checkbox"/>

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

Rise in Sheer } At front of bridge house.....
Fall in Sheer } At after end of forecastle

Freeboard, Table A	<u>6" 0 1/4</u>
Correction for Sheer	<u>- 10 3/4</u>
Correction for Length	<u>5" 1 1/2</u>
Allowance for Deck Erections	<u>+ 4 1/2</u>
Correction for Round of Beam.....	<u>5" 6</u>
Correction for fall in Sheer (if any).....	<u>- 2" 0</u>
Correction for Iron Deck (if required)	<u>3" 6</u>

Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	<u>3.0</u>
Correction for Length, if required (Para. 12, 13, and 14)	<u>✓</u>
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)	<u>5" 1 1/2</u>
Difference	<u>2" 1 1/2</u>
Percentage as below.....	<u>94.3%</u>
.....	<u>24.04</u>

Correction for Round of Beam.....	<input checked="" type="checkbox"/>
Correction for fall in Sheer (if any).....	<input checked="" type="checkbox"/>
Correction for Iron Deck (if required)	<u>- 3 1/2</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	<u>3" 2 1/2</u>
Other Corrections (if any)	<input checked="" type="checkbox"/>

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
Allowance for Deck Erections - 2" 0

Winter Freeboard	<u>3" 2 1/2</u>
Summer Freeboard	<u>2" 9 1/4</u>
Indian Summer Freeboard	<u>2" 4</u>
N. A. Winter Freeboard	<input checked="" type="checkbox"/>

Length.	Length allowed.	Height.
Castle..... } <u>344.41 + 1.0" mech. ang.</u>	<u>345.16</u>	<u>8' 0"</u>
Bridge House..... } <u>4.25</u>
..... } <u>29.0 + 1.0" mech. ang.</u>	<u>29.50</u>	<u>8' 0"</u>
Total	<u>344.66</u>	
Length of Ship	<u>2.50 = 1/2 diff</u>	
Corresponding percentage (Para. 11, 12, 13, or 14) } <u>= 94.3%</u>	<u>347.16</u>	<u>= .993</u>
	<u>349.66</u>	

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

Winter Freeboard from deck line	<u>3" 4 1/4</u>
Summer " " " "	<u>2" 11</u>
Indian Summer " " " "	<u>2" 5 3/4</u>
N. A. Winter " " " "	<input checked="" type="checkbox"/>
.....	<u>2" 11</u>
.....	<u>6 3/4</u>
.....	<u>5 1/2</u>
.....	<u>5</u>

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 " " " "

Winter Freeboard from deck line 3" 4 1/4
Summer " " " " 2" 11
Indian Summer " " " " 2" 5 3/4
N. A. Winter " " " "
..... 2" 11
..... 6 3/4
..... 5 1/2
..... 5

† 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.

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24. 8. 21

Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? *yes* Bridge House? *yes* Forecastle? *yes*
 To what height do the Reverse Frames extend? *Bulk 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 *no openings*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *no* Has the Bridge House an efficient Bulkhead at the fore end? *Shell*
 Give particulars of the means for closing the openings in Bulkhead *yes*
 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? *Storm boards full height in permanent channels*
 Is the Forecastle at least as high as the main or top-gallant rail? *✓* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *✓*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *✓*
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *✓*
 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. 114. 24.5 x 17.11		No. 263 26.6 x 17.11		Ship.	Rule.	Ship.	Rule.	Ship.
	Ship.	Rule.	Ship.	Rule.					
COAMING.	Height above top of DECK	30"	30"						
	Thickness	Sides	.46	.48					
		Ends	.40	.40					
SHIFTING BEAMS OR WEB PLATES.	Number	4	5						
	Section and Scantlings	7" - 2 1/2 x 3/4 angles 4 x 3 x .40	7" 18 x 3/4 angles 4 x 3 x .40						
	Material	Steel	Steel						
* FORE AND AFTERS.	Number								
	Section and Scantlings	None	None						
	Material								
HATCHES Thickness	3"	3"							
Remarks									

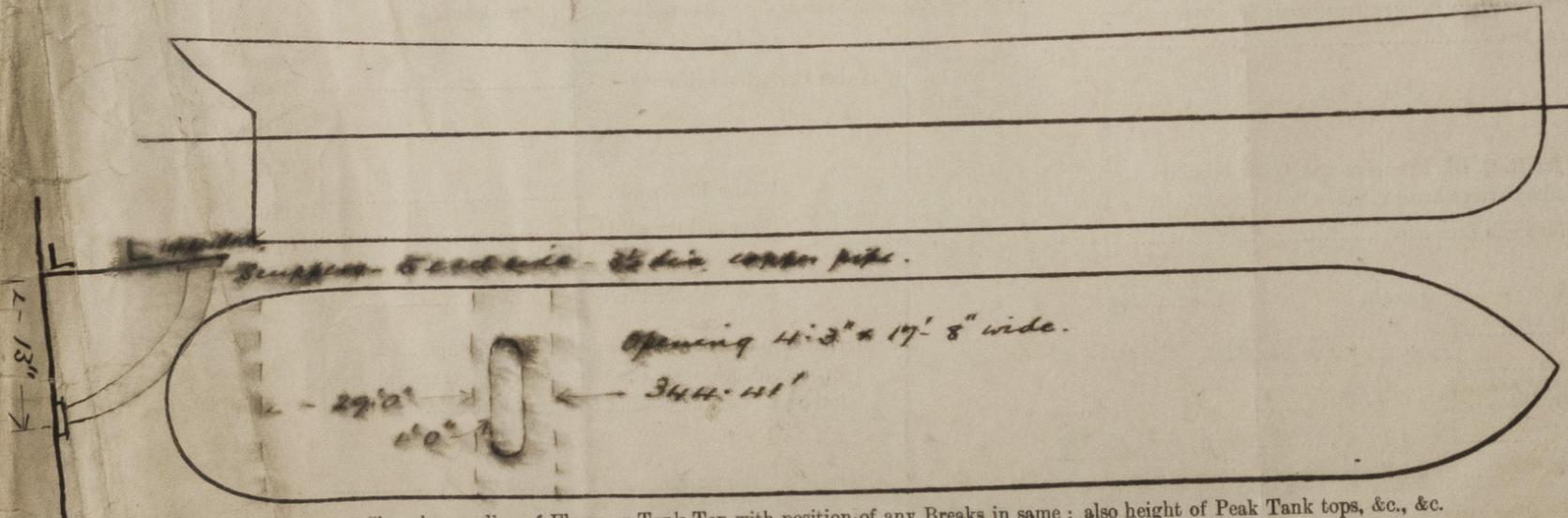
* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.
 (If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge 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~~ *Shelter* Sheerstrake? *.72 to .44* Strake between ~~Main~~ *Shelter* and ~~Bridge~~ Sheerstrakes? *.64 to .44*

Delete the words *Shelter* that 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 *6' 4"*
 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) =	Sq. ft.
<i>1.5</i>	<i>5</i>	<i>1.38</i>	<i>8</i>	<i>1</i>		
					Total deficiency or excess =	Sq. ft.



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 *The tonnage opening of this vessel has been opened, & the vessel measured for tonnage. The original freeing ports opened & doors fitted & the original scupper pipes 5 in dia each side upfitted with scupper leading from the upper deck to bilge removed.*
 Owners *Messrs Harrison, Sons & Co. Ld.*

Address *100 E 10*
 Received by me *[Signature]*

