

15,997.

Port of Survey Leith
Date of Survey 20th Sept 1921
Name of Surveyor A. J. Thomas

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

Length of Ship on Loadline.....	450.8
Length in Table	355.75
Difference	95.05
Correction for 10ft., Table A.	1.5 Table C.
× Difference divided by 10	4.25 (if required.)
If $\frac{4}{10}$ ths length covered divide by 2	7.12 + 7

Proportion covered, if less than $\frac{7}{10}$ ths length covered

Thickness of usual wood deck, less stringer — $3\frac{1}{2}$

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

Breadth at Gunwale amidships.....	57	
Round of Beam	14.2	
Normal round.....	14.2	
Difference		$\div 2 =$
Proportion of Deck uncovered (Para. 19)		

Co-efficient of fineness..... *.78*
Any modification necessary { *6.2.03.*
[Para. 4 (a) to (e)]* }
Co-efficient as corrected *.76*

Sheer { Stem... 104.37 } $45.74 \div 2 = 72.87$... Mean
at { Sternpost 41.37 }

Sheer at $\frac{1}{8}$ of the length from { Stem 61.4 } $78.3 \div 2 = 39.15$... Mean
{ Sternpost 16.9 } $\div .55$

Gradual mean Sheer 71.18 $= 71.18$

Standard mean Sheer [Table, Para. 18] 55.08 Correction

Difference..... $16.10 \div 4 =$

§ If limited as Para. 18 (f) $- 4$

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

Fall in Sheer } $2.87 \div 2 = 1.43$
 Para. 18 (d) }
 Length uncovered *all covered* Correction

Freeboard, Table C..... 4-28
Correction for Length, if required (Para. 12, 13, and 14) ✓

Freeboard by Table A. corrected for sheer, and for length, } 7-0 1/4
if required (Para. 12, 13, and 14)

Difference $2-9\frac{1}{2}$

Percentage as below... *per 12 Scale* 75.62

Class Appliances

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.....	50.09	50.09	8
Bridge House	381	381	8
† Raised Qr. Dk			
Poop.....			
Total		<u>431.09</u>	
Length of Ship		450.8	= 956

Corresponding percentage
(Para. ~~12~~, 12, 13, or 14) 75.62%

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	"	"

Freeboard, Table A	7- 4 $\frac{1}{2}$
Correction for Sheer	<u> 4 </u>
	7- 0 $\frac{1}{4}$
Correction for Length	<u> 7 </u>
	7- 7 $\frac{1}{4}$
Allowance for Deck Erections	<u>2- 1$\frac{1}{2}$</u>
	5- 6

Correction for Round of Beam.....	
Correction for fall in Sheer (if any).....	
Correction for Iron Deck (if required)	$\begin{array}{r} - 5\frac{1}{2} \\ \hline 5 - 2\frac{1}{2} \end{array}$

Additions for non-compliance with provisions of { }
 Para. 11 (d) and (e) †

Other Corrections (if any)

Winter Freeboard	55-2 $\frac{1}{2}$
Summer Freeboard	44-8 $\frac{1}{2}$
Indian Summer Freeboard	44-2 $\frac{1}{2}$
N. A. Winter Freeboard	✓

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the ~~wood~~ iron deck with side.

Winter Freeboard from deck line	5-4 ¹ / ₂
Summer " " " "	4-10 ¹ / ₂
Indian Summer " " "	4-4 ¹ / ₂
N. A. Winter " " " "	"

+ 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 trim should be reported, survey, and also the usual load draft forward and aft should be reported.

* 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.

§ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and stern-post.

2m, 1.21. T.

W1302-0050

MARKING REPORT
RECEIVED 1-11-9

Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? *—* Bridge House? *yes* Forecastle? *yes*
To what height do the Reverse Frames extend? *none*
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 *3 1/2" Storm boards in riveted channels (opening 4' x 3')*
Is the Poop or Raised Quarter Deck connected with the Bridge House? *✓* Has the Bridge House an efficient Bulkhead at the fore end? *✓*
Give particulars of the means for closing the openings in Bulkhead *✓*
What is the thickness of the Bridge Front plating? *4* and Coaming plate? *4 1/4*
Give scantlings and spacing of the Stiffeners *8 1/2" x 3 1/2" x 64 Ba. Spaced 30"*
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? *✓*
How are the openings closed? *✓*
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? *✓*
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.		201 - 17'8" x 19'10"		202+3 - 24'3" x 19'10"		204 - 19'10" x 17'0"		205+6 - 22'0" x 19'10"		207 - 19'10" x 19'10"	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	4'6"	P 12x3x3-40	3'0"	P 12x3x3-4	3'0"	P 12x3x3-4	3'0"	P 12x3x3-4	3'0"	P 12x3x3-
	Sides	48	Flanged	46		44		44		44	
	Thickness	42	Plate 3/16" spaced 4'-6"	42		40		40		40	
SHIFTING BEAMS OR WEB PLATES.	Number	3	Plate .44"	5	Plate .40	3	Plate .36"	3	Plate .40	3	Plate .44"
	Section and Scantlings	1 1/2" x 3 1/2" angles 4x3x40		1 1/2" x 3 1/2" angles 4x3x40		1 1/2" x 3 1/2" angles 4x3x40		1 1/2" x 3 1/2" angles 4x3x40		1 1/2" x 3 1/2" angles 4x3x40	
	Material	Steel		Steel		Steel		Steel		Steel	
* FORE AND AFTERS.	Number										
	Section and Scantlings	none		none		none		none		none	
	Material										
HATCHES Thickness		3"		3"		3"		3"		3"	
Remarks		W.W.		W.W.		W.W.		W.W.		W.W.	

* 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? *—*

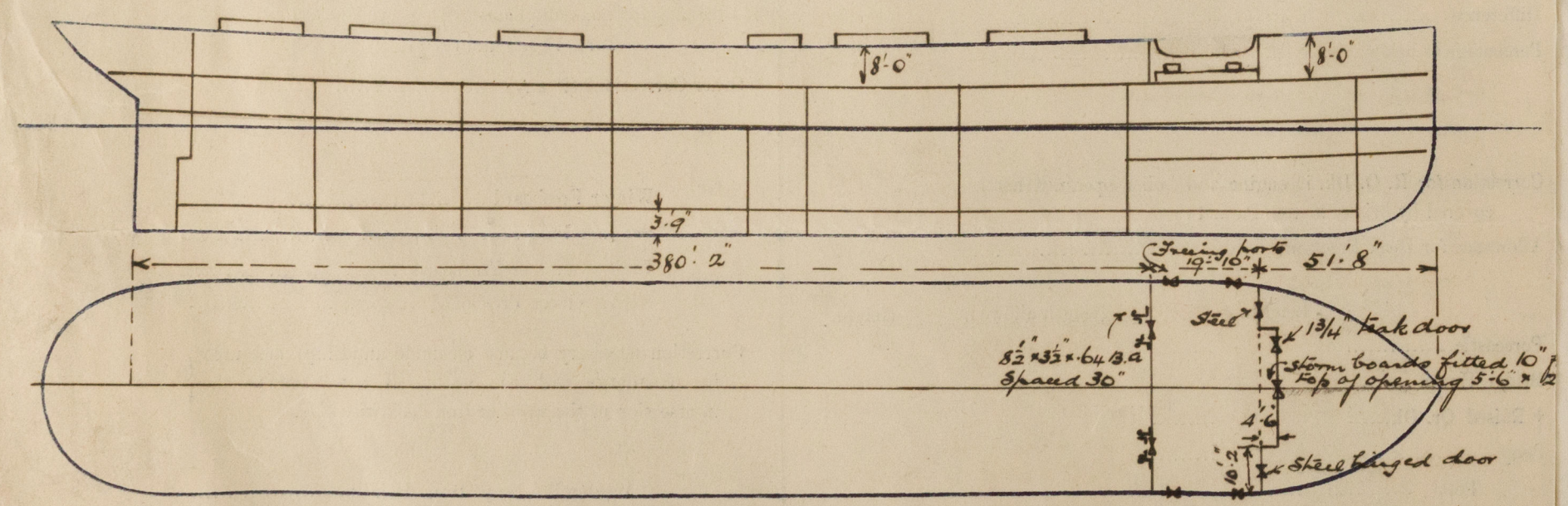
Delete the words *The Crew are not, berthed in the bridge house.*
that do not apply *The arrangements to enable them to get backwards and forwards from their quarters are, ~~not~~ satisfactory.*

Length of Bulwarks in well *19'10"*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *8.5* Sq. ft.

Ft. Tenth.	Ft. Tenth.	No.	Freeing Ports (each side of vessel)	=	<i>9.1</i>	Sq. ft.
<i>2'9"</i>	<i>1'8"</i>	<i>2</i>				
x	x					

Total deficiency or excess = *6* 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

Owners

Address

Fee £ *11* : *0* : *0*

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