

28142

Report No. 454 Index No. (For London Office only)

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

ARTICULARS RELATING TO ALL STEAM SHIPS WITH GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED,

Port of Survey Vancouver, B.C.  
 Date of Survey 18<sup>th</sup> Aug 1919  
 Name of Surveyor John Whitehead

J. Boughlan & Sons  
Russell Rd. 10  
 Ship's Name: "War Company"  
 Number in Register Book

Port of Registry and Nationality: London British  
 Official Number: 143870  
 Gross Tonnage: 5746  
 Date of Build: 1919

Particulars of Classification: 100 R 1 (Class Contemplated)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>410.6</u>	<u>54.0</u>	<u>27.5</u>	<u>5140.13</u>
Length on LOADLINE.	<u>410.0</u>	Frame Depth Rule <u>6</u> Ceiling <u>+2.20</u> Sheer <u>+1.38</u> Drop in Tank <u>4</u> $4 \times 2 = -66$ Depth to Tank <u>27.16</u>		Peak Tanks
CORRECTED DIMENSIONS.	<u>410.0</u>	<u>53.44</u>	<u>29.24</u>	<u>5140.13</u>

Moulded Depth as measured..... 29.9"  
 Addition for Keel below base line for draught record.. 2.70 inches.

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>410.0</u>
Length in Table .....	<u>354.0</u>
Difference .....	<u>56.0</u>
Correction for 10ft., Table A. ....	<u>1.5</u> Table C. <u>.8</u>
× Difference divided by 10 .....	<u>4.95</u> (if required.) <u>4.24</u>
If $\frac{1}{10}$ ths length covered divide by 2	<u>+8"</u> <u>+4"</u>

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered .....	<u>.501</u>
Thickness of usual wood deck, less stringer .....	<u>3.5</u>
$3.5 \times .501 = 1.75$	<u>-1.75</u>

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>54.0</u>
Round of Beam .....	<u>13.5</u>
Normal round.....	<u>13.5</u>
Difference .....	<u>0</u>
Proportion of Deck uncovered (Para. 19) .....	<u>.499</u>

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

Co-efficient of fineness..... .81  
 Any modification necessary [Para. 4 (a) to (e)]\* .02  
 Co-efficient as corrected ..... .79

Sheer { Stem..... 141 }  $212 \div 2 = 106$  ... Mean  
 at { Sternpost... 41 }  
 Sheer at  $\frac{1}{2}$  of the length from { Stem 40 }  $111 \div 2 = 55.5$  ... Mean  
 { Sternpost 41 }  
 Gradual mean Sheer ..... 100.9  
 Standard mean Sheer [Table, Para. 18] ..... 51.0 Correction  
 Difference.....  $49.9 \div 4 = 12.475$   
 § If limited as Para. 18 (f) ..... -12.5

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

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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	<u>4.0</u>
Correction for Length, if required (Para. 12, 13, 14) .....	<u>+4.4</u>
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, 14) .....	<u>4.0</u>
Difference .....	<u>2.0</u>
Percentage as below.....	<u>32.08%</u>
$\frac{29.45 \times 32.08}{100} = 9.54$	

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ..... ✓  
 Allowance for Deck Erections ..... -9.54

	Length.	Length allowed.	Height.
Forecastle.....	<u>44.0</u>	<u>44.0</u> ✓	<u>8.0</u>
Bridge House .....	<u>114.45</u>	<u>114.45</u> ✓	<u>8.0</u>
† Poop.....	<u>43.45</u>	<u>43.45</u> ✓	<u>8.0</u>
Total .....	<u>201.90</u>	<u>201.90</u>	
Length of Ship .....	<u>410.00</u>		
Corresponding percentage (Para. 12, 13, 14) .....	<u>32.08%</u>		

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

Fresh Water Line	above centre of Disc	
Indian Summer Line	" " "	
Winter Line	below " "	
Winter North Atlantic Line	" " "	

Freeboard, Table A .....	<u>4.0</u>
Correction for Sheer .....	<u>-1.0</u>
Correction for Length .....	<u>+8"</u>
Allowance for Deck Erections .....	<u>-9.54</u>
Correction for Round of Beam.....	<u>-</u>
Correction for fall in Sheer (if any).....	<u>✓</u>
Correction for Iron Deck (if required) .....	<u>-1.75</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) † .....	<u>6.25</u>
Other Corrections (if any) .....	<u>✓</u>

Winter Freeboard .....	<u>6.25</u>
Summer Freeboard .....	<u>5.9</u>
Indian Summer Freeboard .....	<u>5.4</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 iron deck with side. +1.75

Winter Freeboard from deck line .....	<u>6.4</u>
Summer " " " " .....	<u>5.11</u>
Indian Summer " " " " .....	<u>5.6</u>
N. A. Winter " " " " .....	<u>✓</u>

16.9.19

MARKING FOR STATE DIMENSIONS OF FREEING PORT AREA ON BACK OF THIS FORM.

RECEIVED 21 MAR 1920

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Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *Yes* Bridge House? *Yes* Forecastle  
 To what height do the Reverse Frames extend? *all Upper Deck, alternately to Forecastle, Bridge & Poop Deck, each where they extend to upper deck*  
 Has the Poop ~~Raised Quarter~~ Deck an efficient Iron Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *Steel hinged doors*  
 Is the Poop ~~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 *W. I. Steel Hinged Doors*  
 What is the thickness of the Bridge Front plating? *40* and Coaming plate? *40*  
 Give scantlings and spacing of the Stiffeners *8" x 3 1/2" x 3 1/2" x 24.1 lbs spaced 30"*  
 Are bracket plates fitted at each end of the Stiffeners *Large Angle Lugs* 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? *Steel Doors bolted & Stormboards in riveted channels (full height of openings)*  
 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? *by Bridge House*  
 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? *Yes* 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 4 of the Rules for 1904-5? Give particulars below: *Yes*

Position and Size.	No. 1 - 31'-6" x 21'-0"		No. 2 - 31'-6" x 21'-0"		No. 3 - 15'-9" x 14'-0"		No. 4 - 31'-6" x 21'-0"		No. 5 - 31'-6" x 21'-0"		
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING											
Height above top of DECK	36"	36"	36"	36"	30"	30"	36"	36"	36"	36"	
Thickness	Sides.....	.50	.50	.50	.50	.50	.50	.50	.50	.50	
	Ends.....	.50	.50	.50	.50	.50	.50	.50	.50	.50	
SHIFTING BEAMS OR WEB PLATES	Number.....	5	5	5	5	3	5	5	5	5	
	Section and Scantlings.....	1 1/2" x .36 plate		1 1/2" x .36 plate							
	Material.....	Steel		Steel		Steel		Steel		Steel	
* POOP AND AFTERS.	Number.....										
	Section and Scantlings.....	Pul		Pul		Pul		Pul		Pul	
	Material.....	Pul		Pul		Pul		Pul		Pul	
HATCHES Thickness	3	3	3	3	3	3	3	3	3	3	
Remarks.....	good		good		good		good		good		

\*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. }

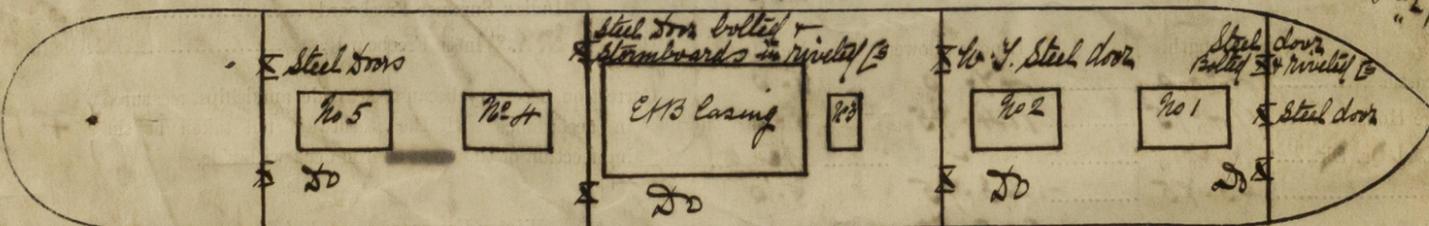
Length of Bulwarks in well

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) = Sq. ft.

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 *This vessel is constructed with poop, bridge & forecastle decks, transverse framing 10" inch depth of girders. A request form is herewith attached. See Vancouver Sheerboard Report No. 743 of sister vessel "War Column"*

Owners *Imperial Munitions Board (Mang Donors) Messrs. Harburn & Gerd Ltd.*

Address *Glasgow & Liverpool*

Fee *£ 50/100*

Received by me

