

857

# Lloyd's Register of Shipping.

WED. 21 MAR. 1917

## SURVEYS FOR FREEBOARD.-STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH MAIN 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 *Swall*  
Date of Survey *March 19<sup>th</sup> 1917*  
Name of Surveyor *W. R. W. Russell*

Ship's Name <i>"Warren"</i>	Port of Registry and Nationality <i>British</i>	Official Number <i>✓</i>	Gross Tonnage <i>✓</i>	Date of Build <i>New vessel</i>	Particulars of Classification <i>4-100 A. 1. Class contemplated motor vessels</i>
--------------------------------	--	-----------------------------	---------------------------	------------------------------------	--

Registered Length	BREADTH	DEPTH	UNDER DECK TONNAGE
<i>110.0</i>	<i>21.55</i>	<i>8.9</i>	<i>172.08</i>
Length on Loadline	Frame Depth Rule	Ceiling Sheer	Peak Tanks
<i>110.0</i>	<i>21.39</i>	<i>9.32</i>	<i>171.08</i>

Moulded Depth as measured..... *11.0*  
 $\frac{11-8\frac{1}{2}}{2-6\frac{1}{2}} = 9.125$   
*Keel 14"*

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

Efficient of fineness..... *.78*  
 Modification necessary Para. 4 (a) to (e)\* *- .02*  
 Efficient as corrected..... *.76*

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<i>110</i>
Length in Table .....	<i>132</i>
Difference .....	<i>22</i>
Correction for 10ft., Table A. ....	<i>.9</i>
Table C. ....	<i>.5</i>
× Difference divided by 10 .....	<i>1.98</i> (if required.)
If $\frac{1}{10}$ ths length covered divide by 2	<i>-2</i>

Stem..... *36*  
 Sternpost..... *18+15 = 33*  
 Mean *27*  
 $\frac{54}{2} = 27$   
 $\frac{69}{2} = 34.5$   
 Stem *22*  
 Sternpost *10/18*  
 Mean *16*  
 $\frac{32}{2} = 16$   
 Difference..... *3.4*  
 $\frac{3.4}{4} = .85$   
 Correction *-.85*  
 Limited as Para. 18 (f)..... *7.525*

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered .....	<i>.458</i>
Thickness of usual wood deck, less stringer .....	<i>2 1/2</i>

in Sheer amidships { At front of bridge house..... *none*  
 Para. 18 (e) { At after end of forecastle..... *17"*

in Sheer {  $\div 2 =$  *no drop*  
 Para. 18 (d) {  
 uncovered .....

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<i>21.5</i>
Round of Beam.....	<i>8 3/8</i>
Normal round.....	<i>5 3/8</i>
Difference .....	<i>2.625</i>
Proportion of Deck uncovered (Para. 19) .....	<i>1.31</i>

ALLOWANCE FOR DECK ERECTIONS:—

Table C.....	<i>3</i>
Correction for Length, if required (Para. 12, 13, and 14) .....	<i>-1</i>
Corrected by Table A. corrected for sheer and for length, if required (Para. 12, 13, and 14) .....	<i>1.5</i>
Percentage .....	<i>39.20%</i>
As below.....	<i>22.48</i>
Total .....	<i>-4.38</i>

Freeboard, Table A .....	<i>1.7</i>
Correction for Sheer .....	<i>-3/4</i>
Correction for Length .....	<i>-2</i>
Allowance for Deck Erections .....	<i>1.44</i>
Correction for Round of Beam.....	<i>11 3/4</i>
Correction for fall in Sheer (if any).....	<i>11 1/4</i>
Correction for Iron Deck (if required) .....	<i>-2 1/2</i>

Length.	Length allowed.	Height.
<i>15.0</i>	<i>6.87</i>	<i>2.9</i>
<i>8.9</i>	<i>8.75</i>	<i>7.0</i>
<i>56.6</i>	<i>54.60</i>	<i>2.6 off</i>
<i>110</i>	<i>80.5</i>	<i>1.3</i>
Total .....	<i>8.62</i>	<i>8.62</i>
Percentage .....	<i>110</i>	<i>.456</i>
Adding percentage (11, 12, 13, or 14) .....	<i>2.81</i>	<i>224.8%</i>
Final .....	<i>2.81</i>	<i>29.20%</i>

Additions for non-compliance with provisions of Para. 11 (d) and (e) †  
 Other Corrections (if any) .....

BOARD 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..... *11 1/4*  
 Summer Freeboard..... *10 3/4*  
 Indian Summer Freeboard.....  
 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 iron deck with side. *+1"*

mes, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside should be reported if possible.  
 obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships height of the R.Q.D. is to be taken from the level of the top of the amidship beam.  
 soked vessels the total standard mean sheer means the sheer measured at the stem and stern.  
 In vessels having poops and forecastles, it means the sheer measured at points distant 1/10th of the vessel's length from stem and stern-post.

Winter Freeboard from deck line .....	<i>13 1/4</i>
Summer " " " " .....	<i>11 1/4</i>
Indian Summer " " " " .....	<i>-</i>
N. A. Winter " " " " .....	<i>-</i>
Other Corrections (if any) .....	<i>11</i>

Do all the Frames extend to the top height in the Poop?  Raised Quarter Deck? *yes* 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 *no openings*  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *yes* 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? *.24"* and Coaming plate? *.24"*  
 Give scantlings and spacing of the Stiffeners *5 1/2 x 3 x .325 BA. 25" 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? *9" coaming above side decks; hinged teak doors.*  
 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. Iron*  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *yes. Iron*  
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *yes. Iron*  
 Give thickness of plating; scantlings and spacing of Stiffeners *plating .24 Angles 2 1/2 x 2 1/2 x .28 @ 20" apart.*  
 What is the height of the exposed Casings? *7.3* Are suitable means provided for closing all openings in them in bad weather? *hinged steel doors.*  
 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. 19.3 x 14-6		No. 2 19.3 x 14-6		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
	Ship.	Rule.	Ship.	Rule.							
COAMING	Height above top of DECK	24	24	24	24						
	Thickness	Sides	.44	.44	.44	.44					
		Ends	.40	.40	.40	.40					
SHIFTING BEAMS OR WEB PLATES	Number	one	one	one	one						
	Section and Scantlings	Plate 22 x .40									
	Material	4 angles 3 x 3 x .40									
* FORE AND AFTERS	Number	3	3	3	3						
	Section and Scantlings	Centre 8 x 8									
	Material	side 7 x 8									
HATCHES Thickness	2 1/2	2 1/2	2 1/2	2 1/2							
Remarks	wood	wood	wood	wood							

\* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

(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.) *No sidelights below weather deck.*

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.

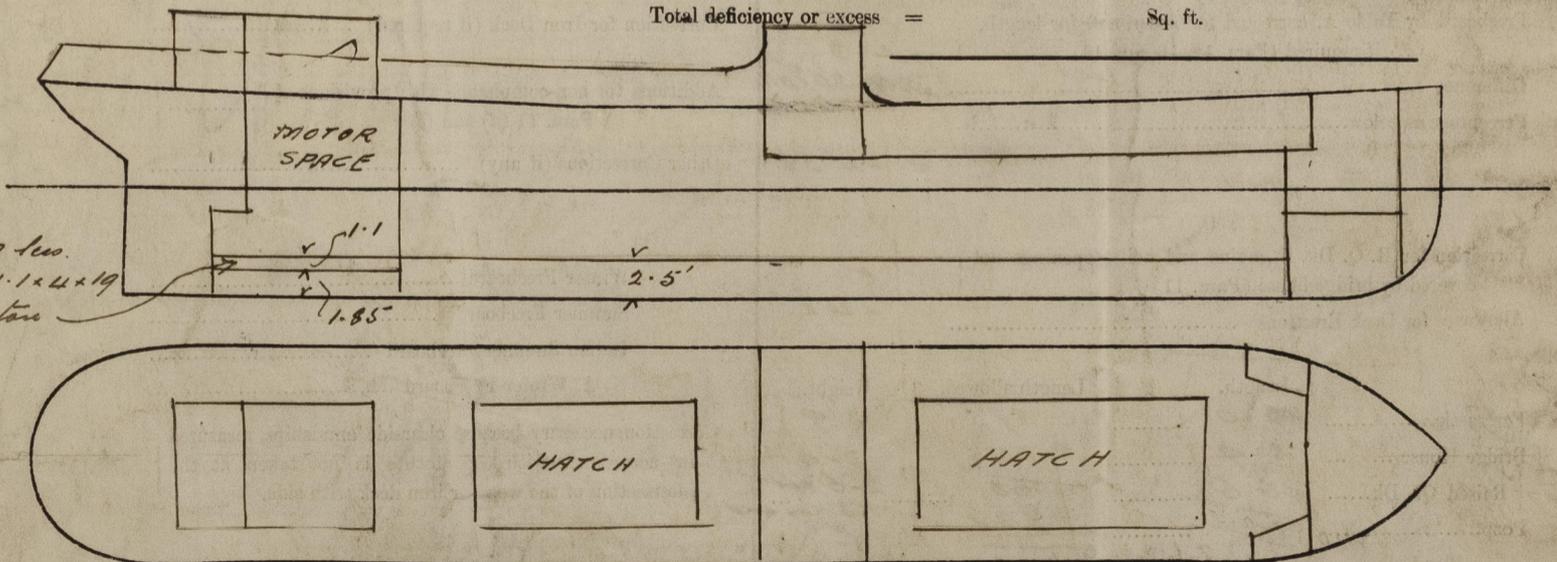
What is the thickness of the Bridge Sheerstrake? *Strake between Main and Bridge Sheerstrakes?*  
 Delete the words *The Crew are, are not, berthed in the bridge house. Vessel under 150 ft in length*  
 that do not apply *The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.*

Length of Bulwarks in well *29' 9"*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *1* Sq. ft.

Ft. Tenths. Ft. Tenths. No. }  
*2. 25 x 1. 16 x 3* } Freeing Ports (each side of vessel) = *7. 83* Sq. ft.

Total deficiency or excess = *1* 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 *Cellular double bottom, open floors in machinery space, ordinary frames, ceiling on tank top, see approved plans (3) herewith. Freeboard application from herewith*

Owners *W. D. Warren.*  
 Address *New Holland. Lines*

Fee £ *New Vessel* Received by me

