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Glasgow Report No 38486

Lloyd's Register of British & Foreign Shipping.

MON. 3 FEB. 1919

SURVEYS FOR FREEBOARD. G TYPE

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING SPAR OR AWNING DECKS.

Port of Survey Glasgow
Date of Survey While Building
Name of Surveyor Hewitt & Co

Messrs Barclay Curle & Co Ltd No 563

Ship's Name "WAR AJAX"	Port of Registry and Nationality <u>Glasgow British</u>	Official Number <u>141898</u>	Gross Tonnage <u>7911</u>	Date of Build <u>1919</u>	Particulars of Classification <u>100 A1 Shelter Dh with fbd.</u>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH <u>449.0</u>	BREADTH <u>58.25</u>	DEPTH <u>37.15</u> <u>29.15</u>	UNDER DECK Tonnage <u>5777.21</u>
Length on LOADLINE	<u>449.0</u>	Frame Depth / Rule <u>58.25</u> <u>57.75</u>	Ceiling + .20 Sheer - .21 Tank drops <u>3</u> <u>+ .12</u>	Book No <u>90</u> Fender <u>Spanner</u> in <u>Sho</u> -10 tons
CORRECTED DIMENSIONS.	<u>449.0</u>	<u>58.75</u> <u>57.75</u>	<u>29.14</u> <u>26</u>	<u>5767</u>

Moulded Depth as measured 32.05 Main Deck.
 " " " 40.05 Spar or Awning Deck.
 " " " 1825.39 Tween decks
 Keel 2" below base line

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

Co-efficient of fineness75.76
 Any modification necessary [Para. 4 (a) to (e)*] } .02 to 803
 Co-efficient as corrected73.74

CORRECTION FOR LENGTH:—

Length of Ship on Load Line....	<u>449.0</u>
Length in Table.....	<u>384.5</u>
Difference.....	<u>64.5</u>
Correction for 10ft.....	<u>8</u>
x Difference ÷ 10 =	<u>+ 5 1/2</u>

Allowance for strength in excess of Lloyd's rules = 19 1/2

State particulars—

3 Complete steel decks
8 Watertight bulkheads to shelter deck
Deep bulk angle framing standard G type

Height of "Tween Decks..... 8-0
 (From top of beam to top of beam at side)
 Correction for Height of "Tween Decks in Spar-decked Ships.....

Freeboard Table <u>C</u>	<u>5.1 1/2</u>
Correction for Length.....	<u>+ 5 1/4</u>
Correction for Height of "Tween Decks in Spar-decked Ships.....	<u>8.0</u>
Correction for Strength in excess of Lloyd's rules.....	<u>- 1.7 1/2</u>
Correction for Iron Deck if required.....	<u>- 3 1/2</u>
Other Corrections (if any).....	<u>11.7 3/4</u>

Sheer at Stem 60 at 1/4 length from Stem 25 7/8
 Sternpost... 60 " " " Sternpost... 26
 Drop in Sheer abaft amidships..... ✓

Round of Spar-deck Beam..... 12
 " " Main-deck " 12

	Length	x	Height.	State if open or closed at ends.
Forecastle	<u>43</u>	x	<u>7.5</u>	<u>closed</u>
Bridge.....		x		
Poop.....	<u>31</u>	x	<u>7.5</u>	<u>closed</u>

Winter Freeboard..... 11.7 3/4
 Summer Freeboard..... 11.0 1/2
 Indian Summer Freeboard..... 10.4 3/4
 N.A. Winter Freeboard.....

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

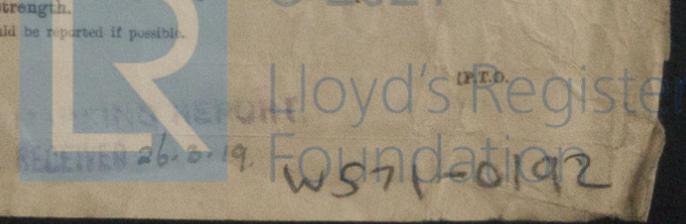
Winter Freeboard from Deck Line.....	<u>11.9</u>
Summer " " ".....	<u>11.1 1/2</u>
Indian Summer " " ".....	<u>10.6</u>
N.A. Winter " " ".....	<u>11.1 1/2</u>

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 " " ".....

H. 2.19

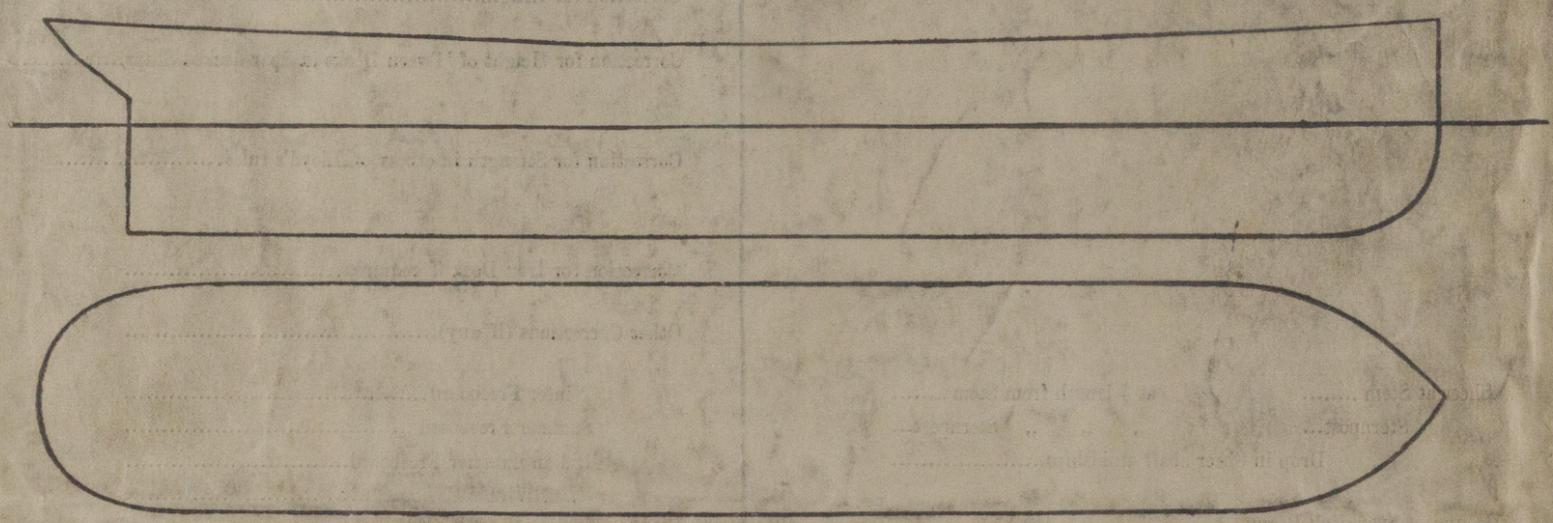
NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength.
 All vessels equal in strength to Lloyd's Awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for a Spar-decked Vessel, are to be considered as Awning-decked Ships, the freeboard for which will vary with their strength.
 * If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.



Do all the Frames extend to the top Height in the Spar deck? *Shelter*
 Do all the Frames extend to the top height in the Poop? *Yes* Bridge House? *Yes*
 To what height do the Reverse Frames extend? *Main Deck*
 Has the Poop an efficient Iron Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *Steel doors*
 Is the Poop 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? 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?
 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, or enclosed by a Strong Iron or Steel Deckhouse? *Yes* *Storm boards full height in permanent channels.*
 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. 1. 23.3 x 18.0		No. 2. 30.0 x 18.0		No. 3. 24.0 x 18.0		No. 4. 18.0 x 18.0		No. 5. 27.0 x 18.0	
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30"	30"	30"	30"	30"	30"	30"	30"	30"
	Thickness	Sides	.44	.44	.44	.44	.44	.44	.44	.44
		Ends	.44	.44	.44	.44	.44	.44	.44	.44
SHIFTING BEAMS OR WEB PLATES.	Number	4 Webs	6 Webs	5 Webs	3 Webs	5 Webs				
	Section and Scantlings	All webs	steel	15 x 36	3 1/2 x 3 1/2 x 46					
	Material			angles						
FORE AND AFTERS.	Number									
	Section and Scantlings	No fore	a afters							
	Material									
HATCHES Thickness	3"	3"	3"	3"	3"	3"	3"	3"	3"	
Remarks	B A 7 x 3 x 40 on ends sides of all hatches									

* 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.)



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 *4 Type Standard Vessel.*

Owners

Address

Fee \$ 8 8 0

Received by me To be applied for on completion.

