

EXT

Hull 13/5/32

Glasgow Report No 38595

27541

Lloyd's Register of Shipping.

THU. 20 MAR. 1919

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

APPLICABLE RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH MOUNTAIN FORECASTLES, SHORT POOPS AND BRIDGE HOUSES, DISCONNECTED, OR WITH CALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Glasgow
Date of Survey While building
Name of Surveyor Henry Hibbs

Barclay Curle & Co. Ltd. No. 516 4/5

Ship's Name "MASULA"	Port of Registry and Nationality <u>Glasgow British</u>	Official Number <u>141904</u>	Gross Tonnage	Date of Build <u>1919</u>	Particulars of Classification <u>100 A1 (contemplated)</u>
Number in Register Book					

Registered dimensions from Ship's Register	LENGTH <u>449.7</u>	BREADTH <u>58.25</u>	DEPTH <u>32.75</u>	UNDER DECK TONNAGE <u>6820.78</u>
Length on LOADLINE	<u>449.7</u>	Frame Depth 11 Rule " 7 Excess 4 <u>- .66</u>	Ceiling + .20 Sheer + .61 Taulk drops 8 framing 2" at margin + .08 <u>+ .08</u>	Peak less 25 tons for framing <u>6795</u>
CORRECTED DIMENSIONS	<u>449.7</u>	<u>57.59</u>	<u>33.64</u>	<u>6795</u>

Moulded Depth as measured..... 35.6

Addition for Keel below base line for draught record..... 3 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..... 449.7

Length in Table 426.0

Difference 23.7

Correction for 10ft., Table A. 1.7 Table C. .8

× Difference divided by 10 + 4 (if required.)

If $\frac{1}{10}$ the length covered divide by 2 + 2

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ the length covered 52

Thickness of usual wood deck, less stringer 3 1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 55

Round of Beam 14

Normal round..... 13 3/4

Difference 1 1/4 ÷ 2 = 8

Proportion of Deck uncovered (Para. 19)

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

Co-efficient of fineness..... .78

Any modification necessary [Para. 4 (a) to (e)]* - .02 GDB

Co-efficient as corrected76

Sheer { Stem..... 102
at { Sternpost ... 51 } 153 ÷ 2 = 76.5 Mean

Sheer at $\frac{1}{3}$ of the length from { Stem 57
Sternpost 27.75 } 84.75 ÷ 2 = 42.375 Mean

Gradual mean Sheer 76.5 + 42.375 = 76.76 ÷ 2 = 77.03

Standard mean Sheer [Table, Para. 18] 54.97 Correction

Difference..... 21.79 ÷ 4 = - 5 1/2

§ If limited as Para. 18 (f).....

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

Fall in Sheer Para. 18 (d) } ÷ 2 =

Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 6.7

Correction for Length, if required (Para. 12, 13, and 14) 2

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) } 9.7 1/2

Difference 2.10 1/2

Percentage as below..... 33.6%

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) - 1 1/2

Forecastle.....	Length. <u>41.3</u>	Length allowed. <u>41.3</u>	Height. <u>8.0</u>
Bridge House.....	<u>148.5</u>	<u>148.5</u>	-
† Raised Qr. Dk.....	<u>43.92</u>	<u>43.92</u>	-
		<u>233.72</u>	
		<u>449.7</u>	<u>= .52</u>

Percentage as below 33.6%

Freeboard, Table A 9.9

Correction for Sheer - 5 1/2

Correction for Length + 4

Allowance for Deck Erections - 1 1/2

Correction for Round of Beam..... 8

Correction for fall in Sheer (if any).....

Correction for Iron Deck (if required) - 1 1/2

Additions for non-compliance with provisions of Para. 11 (d) and (e) † } 8.6 1/2

Other Corrections (if any)

Winter Freeboard 8.6 1/2

Summer Freeboard 7.11 3/4

Indian Summer Freeboard 7.5 1/4

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 3/4

Winter Freeboard from deck line 8.8

Summer " " " 8.1 1/2

Indian Summer " " " 7.7

N.A. Winter " " "

Ships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

Water Line above centre of Disc	.....	.....	.....
Summer Line " " "	.....	.....	.....
" " " below " " "	.....	.....	.....
Atlantic Line " " "	.....	.....	.....

the breadth of vessel to inside
ere the sheer drops abaft amid-
o of the amidship beam.
measured at the stem and stern-
measured at points distant

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

RECEIVED 10 FEB 1931

© 2020

Lloyd's Register Foundation

002094-002100-0428

Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *Yes*
 To what height do the Reverse Frames extend? *Second Deck*
 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 *Hood doors*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead at the fore end?
 Give particulars of the means for closing the openings in Bulkhead *No openings*
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.40*
 Give scantlings and spacing of the Stiffeners *8 1/2 x 3 1/2 x .64 B&A spaced 30"*
 Are bracket ~~plates~~ *angles* 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? *Storm boards full height in permanent channels.*
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient Iron Bulkhead at the fore 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. Storm boards full height in permanent channels.*
 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?
 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 On Bridge*

Position and Size.		N-1. 27.0 x 18.0		N-2. 31.6 x 18.0		N-3. 9.0 x 27.0		N-4. 31.5 x 18.0		N-5. 20.0 x 18.0	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING	Height above top of DECK	30"	30"	30"	27"	30"	30"	30"	30"	30"	
	Thickness	Sides.....	.48	.52	.44	.48	.44	.48	.44	.48	
		Ends.....	.40	.40	.44	.40	.40	.40	.40	.40	
SHIFTING BEAMS OR WEB PLATES.	Number	5 Webs	6 Webs	1 Web	6 Webs						
	Section and Scantlings	JL-15x34 JL-4x3x.44	JL-15x34 steel								
	Material	steel	steel	steel	steel	steel	steel	steel	steel		
* FORE AND AFTERS.	Number	None	None	2 for bulk.	None	None	None	None	None		
	Section and Scantlings										
	Material										
HATCHES Thickness	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"		
Remarks.....	7x3x.40 B&A on sides & ends of hatches										

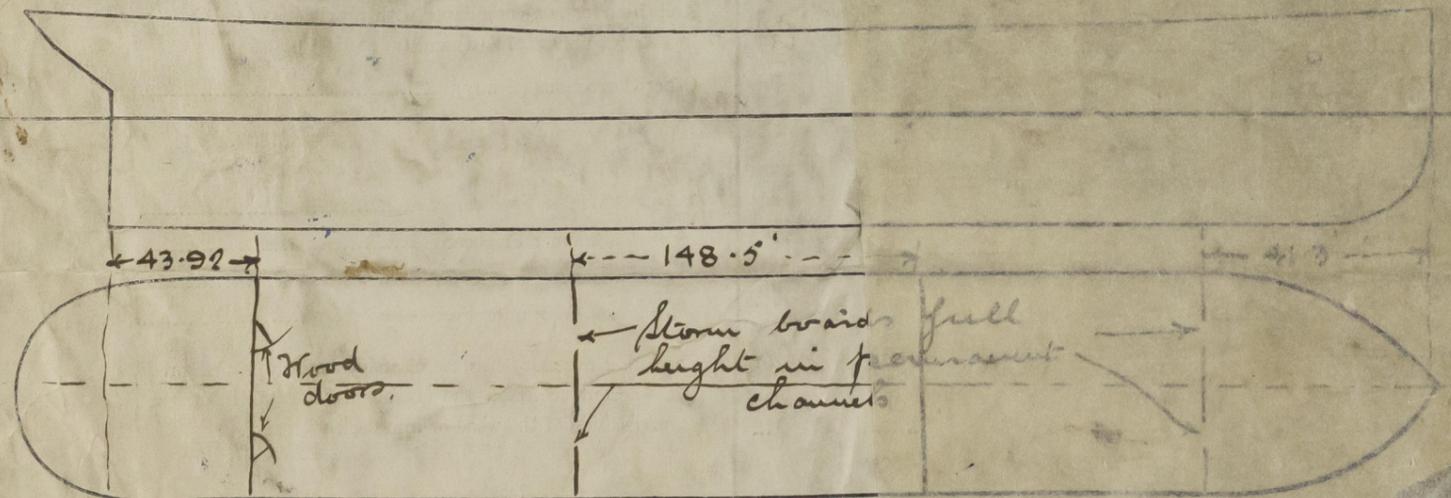
* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.
 (If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if specified in the tables, state vertical distance from top of deck at side amidships to lower edge of 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 Section 28 of the Rules for 1904-5.

What is the thickness of the Bridge Sheerstrake? *Strake between Main and Bridge Sheerstrake?*
 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 = 89 ft.

Ft.	Tenths.	Ft.	Tenths.	No.	} Freeing Ports (each side of vessel) = 34 ft.
	x		x		
	x		x		

 Total deficiency or excess = 55 ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Deck Tank top, etc.

State any special features in the construction of the Vessel *Vessel to be classed as a freight vessel, Midships section & deck for reference.*

Owners
 Address
 Fee 8 : 8 : 0