

War Revenue 2568
Ret. C. 9/5/30

Glasgow Report No. 38468
27/1/19
24 JAN 1919

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT 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 Glasgow
Date of Survey 23rd Jan. 1919.
Name of Surveyor George Meob

Ironmeadow
Ship's Name. DRW Hendersons N^o 516
A. Standen Comptrol^r
S.S. WAR PICOTEE
Number in Register Book
Port of Registry and Nationality. London
British
Official Number. 142565
Gross Tonnage. 1
Date of Build. 1919.
Particulars of Classification. + 100. A.1. (Class contemplated)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>400.15</u>	<u>52.25</u>	<u>28.45</u>	<u>4795.16</u>
Length on LOADLINE.	<u>399.5</u>	Frame Depth <u>11 1/2</u> Rule " <u>6</u> <u>6</u> <u>5 1/2</u> <u>8 1/16</u> <u>- 66 92</u>	Ceiling <u>+ .20</u> Sheer <u>+ 1.18</u> <u>16</u> <u>81</u>	Peak Tanks <u>Reduced</u> <u>6 7 8</u> <u>- 3</u>
CORRECTED DIMENSIONS.	<u>399.5</u>	<u>51.59</u> <u>3/3</u>	<u>29.78</u> <u>81</u>	<u>4795.16</u> <u>2</u>

Moulded Depth as measured..... 31.0
Addition for Keel below base line for draught record... 2.5 7/8 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..... 399.5
Length in Table 372.0
Difference 27.5
Correction for 10ft., Table A. 1.6 Table C. .8
× Difference divided by 10 + 4 1/2 (if required.) + 2 1/4
If 1/10ths length covered divide by 2

Co-efficient of fineness..... 78
Any modification necessary [Para. 4 (a) to (e)]*
Co-efficient as corrected 76
Sheer { Stem..... 120 } 180 ÷ 2 = 90 ... Mean 91.8
at { Sternpost... 60 } 36 41.85
1.16
Sheer at 1/2 of the length from { Stem 67.5 } 107 ÷ 2 = 50.5 ... Mean 91.8
Sternpost 33.5 } 55
Gradual mean Sheer 90 + 90.8 = 90.9 = 91.8
Standard mean Sheer [Table, Para. 18] 49.95 Correction
Difference..... 40.95 = - 10 1/4
§ If limited as Para. 18 (f).....

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered50
Thickness of usual wood deck, less stringer - 3 1/2 - 1 3/4
CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 52.0
Round of Beam 13
Normal round..... 13
Difference ✓ ÷ 2 = ✓
Proportion of Deck uncovered (Para. 19)

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

Freeboard, Table A 7.11
Correction for Sheer - 10 1/4
Correction for Length + 4 1/2
Allowance for Deck Erections - 9 1/2
Correction for Round of Beam..... 6.7 3/4
Correction for fall in Sheer (if any)..... ✓
Correction for Iron Deck (if required) - 1 3/4
6.6
Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Other Corrections (if any)

ALLOWANCE FOR DECK ERECTIONS :—
Freeboard, Table C..... 4.9 1/2
Correction for Length, if required (Para. 12, 13, and 14) †... 2 1/4
4.11 1/2
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) } 7.5 1/4
Difference 2.5 1/2
Percentage as below..... 32.25
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
Allowance for Deck Erections - 9 1/2

Winter Freeboard 6.6
Summer Freeboard 6.05
Indian Summer Freeboard 5.7
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 1/2
Winter Freeboard from deck line 6.7 1/2
Summer " " " 6.2
Indian Summer " " " 5.8 1/2
N. A. Winter " " "

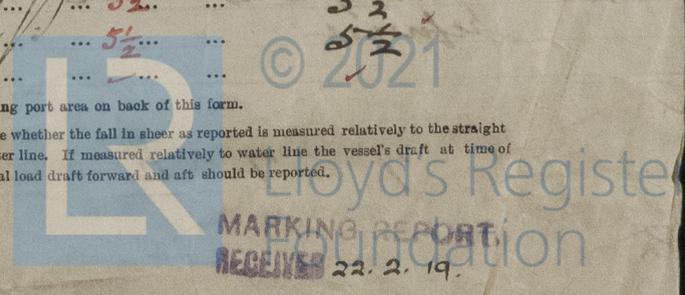
	Length.	Length allowed.	Height.
Forecastle.....	<u>39.25</u>	<u>39.25</u>	<u>7.11 1/2</u>
Bridge House	<u>112.66</u>	<u>112.66</u>	<u>20</u>
† Raised Qr. Dk.....	<u>49.25</u>	<u>49.25</u>	
Poop.....	<u>200.76</u>	<u>201.16</u>	
Total	<u>399.5</u>	<u>503.5</u>	
Length of Ship	<u>399.5</u>	<u>502.5</u>	
Corresponding percentage (Para. 11, 12, 13, or 14) } <u>32.20%</u>			

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :— 6.2
Fresh Water Line above centre of Disc 7
Indian Summer Line " " " 5 1/2
Winter Line below " " " 5 1/2
Winter North Atlantic Line " " "

Winter Freeboard from deck line 6.2
Summer " " " 8 1/2
Indian Summer " " " 5 1/2
N. A. Winter " " "

† 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.

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



Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? *no* Bridge House? *yes* Forecastle? *yes*
 To what height do the Reverse Frames extend? *Upper deck, no reverse frames in ESB space*
 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? *no* Has the Bridge House an efficient Bulkhead at the fore end? *yes*
 Give particulars of the means for closing the openings in Bulkhead *none*
 What is the thickness of the Bridge Front plating? *40* and Coaming plate? *44*
 Give scantlings and spacing of the Stiffeners *9 x 3 1/2 x 56 bulb angles, 30' 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? *Shifting boards in side scuttles channels full height*
 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? *covered by bridge deck.*
 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 *yes*
 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 28 of the Rules for 1904-5? Give particulars below: *yes on Bridge Deck*

Position and Size.	N.1. 32-6 x 20-0		N.2. 34-8 x 20-0		N.3. 10-10 x 18-0		N.4. 24-8 x 20-0		N.5. 28-2 x 20-0	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	48	48	48	18	48	48	48	48	48
	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	Six	Same	None	Same as N.1	Five	Same as N.1	Same as N.1	Same as N.1	Same as N.1
	Section and Scantlings	18 x 12 x 36 with double	N.1 hatch	None	Same as N.1 hatch					
	Material	35-32-46	N.1 hatch	None	Same as N.1 hatch					
* FORE AND AFTERS.	Number	no	Fore and Afters	Three	no	Fore and afters	no	Fore and afters	no	Fore and afters
	Section and Scantlings			10 x 30						
	Material			Steel						
HATCHES Thickness	3"		3"		3"		3"		3"	
Remarks										

* 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?*

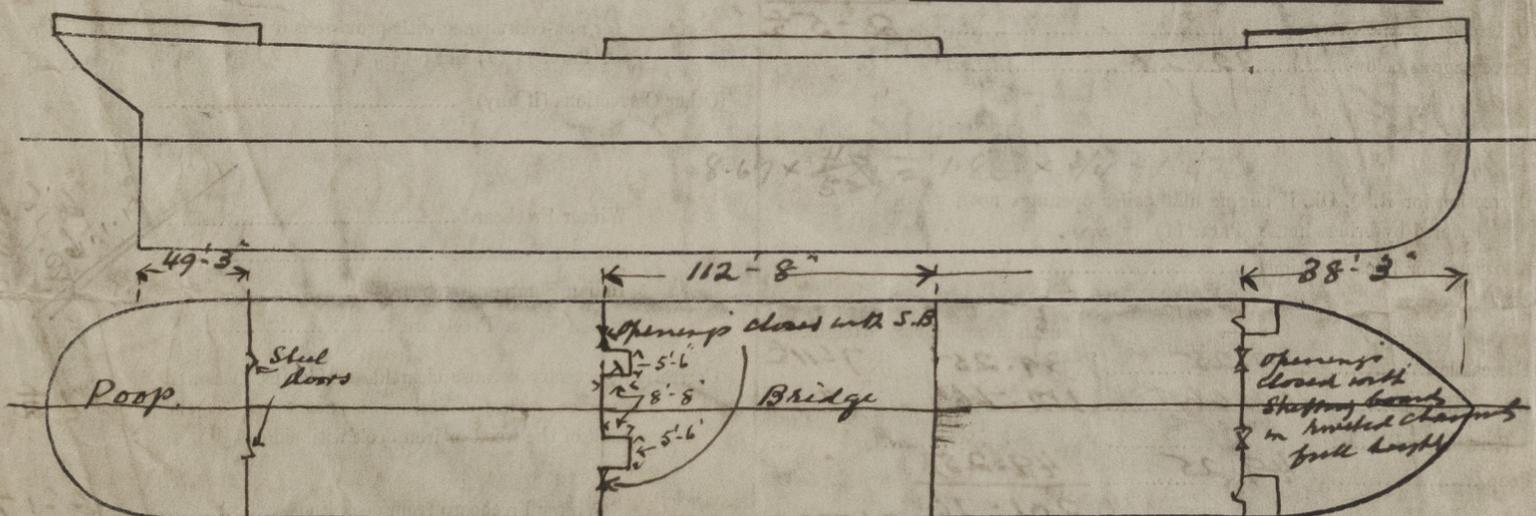
Delete the words { The Crew are, are not, berthed in the bridge house. }
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory. }

Length of Bulwarks in well

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

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

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 a standard 'A' type convertible order. Request form N.9, also sketches of profile and deck plans and midship section are enclosed herewith for reference.*

Owners Address

Fee £ 7 : 7 : 0

Received by me

18.3.19 RRM

20.3.19



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