

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 BUILDING
Name of Surveyor J. W. B. Meek

Ship's Name: "WAR AVON"
Port of Registry and Nationality: BRITISH
Official Number: 112444
Gross Tonnage: 327.47
Date of Build: 1918
Particulars of Classification: +100 A.1 (CONTEMPLATED)

REGISTERED DIMENSIONS FROM	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
Registered	142.4	26.1	10.95	327.47
Length on LOADLINE.	142.0	26.1	11.14	327.47
CORRECTED DIMENSIONS.	142.0	25.67	12.16	327.47

Moulded Depth as measured..... 12'-3"
Addition for Keel below base line for draught record..... inches.

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

Efficient of fineness..... $\frac{327.47}{142 \times 25.67 \times 12.16} = .756$
Modification necessary [Para. 4 (a) to (e)]*
Efficient as corrected..... .7674

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... 142.0
Length in Table..... 147.0
Difference..... 5.0
Correction for 10ft., Table A..... Table C.
× Difference divided by 10..... (if required.)
If $\frac{1}{10}$ ths length covered divide by 2.22.....

Sheer { Stem..... 60 } 96 ÷ 2 = 48 ... Mean
 { Sternpost... 36 }
Sheer at $\frac{1}{2}$ of the length from { Stem 40 } 58 ÷ 2 = 29 ... Mean
 { Sternpost 18 }
Gradual mean Sheer..... $\frac{52.72 + 48}{2} = 50.36 = 52.72$
Standard mean Sheer [Table, Para. 18]..... 24.2
Difference..... $26.16 \div 4 = 6\frac{1}{2}$
If limited as Para. 18 (f).....

CORRECTION FOR IRON DECK.
Proportion covered, if less than $\frac{1}{3}$ ths length covered..... .769
Thickness of usual wood deck, less stringer..... $2\frac{1}{2} - 2\frac{1}{2}$

Rise in Sheer { At front of bridge house.....
from amidships }
[Para. 18 (e)] { At after end of forecastle.....
Fall in Sheer {
Para. 18 (d) }
Length uncovered..... Correction

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 26'-0"
Round of Beam..... $6\frac{1}{2}$
Normal round..... $6\frac{1}{2}$
Difference..... $- \div 2 =$
Proportion of Deck uncovered (Para. 19)..... .231

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

ALLOWANCE FOR DECK ERECTIONS:—
Freeboard, Table C.....
Correction for Length, if required (Para. 12, 13, and 14).....
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14).....
Difference.....
Percentage as below.....
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11).....
Allowance for Deck Erections.....

Freeboard, Table A..... 1 - 10 9/2
Correction for Sheer..... 6 1/2
Correction for Length..... 1 - 3 1/2
Allowance for Deck Erections..... 1 - 3 1/2 23/4
Correction for Round of Beam..... 0 - 8 63/4
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required)..... 2 1/2
Additions for non-compliance with provisions of Para. 11 (d) and (e) †.....
Other Corrections (if any) Height of R.Q.D. 4-3
Winter Freeboard..... 4-7 1/4
Summer Freeboard..... 4-5 1/4
Indian Summer Freeboard.....
N. A. Winter Freeboard.....

	Length.	Length allowed.	Height.
Forecastle... <u>CLOSED 19.7</u>	23.58	6'-9"	
Bridge House <u>OVERHANG 7.6</u>	9.50	7'-0"	
† Raised Qr. Dk. <u>CENTRE 10.0</u>	7.50	4'-3"	
Poop..... <u>SIDE 8.96</u>	116.0		
Total.....	142.00	778	

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.
Winter Freeboard from deck line..... 4-8 1/4 6 3/4
Summer " " " "..... 4-6 1/4 A 3/4
Indian Summer " " " ".....
N. A. Winter " " " ".....
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 " " " ".....

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 " " " ".....

* 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 sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and sternpost.

MARKING REPORT RECEIVED 2 OCT 1929
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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? **BULB ANGLES IN WAY OF R. Q. D.**
 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 **NO OPENINGS**
 Is the ~~Poop~~ 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
 What is the thickness of the Bridge Front plating? **5/16"** and Coaming plate? **1/4"**
 Give scantlings and spacing of the Stiffeners **6x3x3/8 BA @ 30"**
 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? **YES**
 How are the openings closed? **NO 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? **OPEN**
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deck?
 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:—

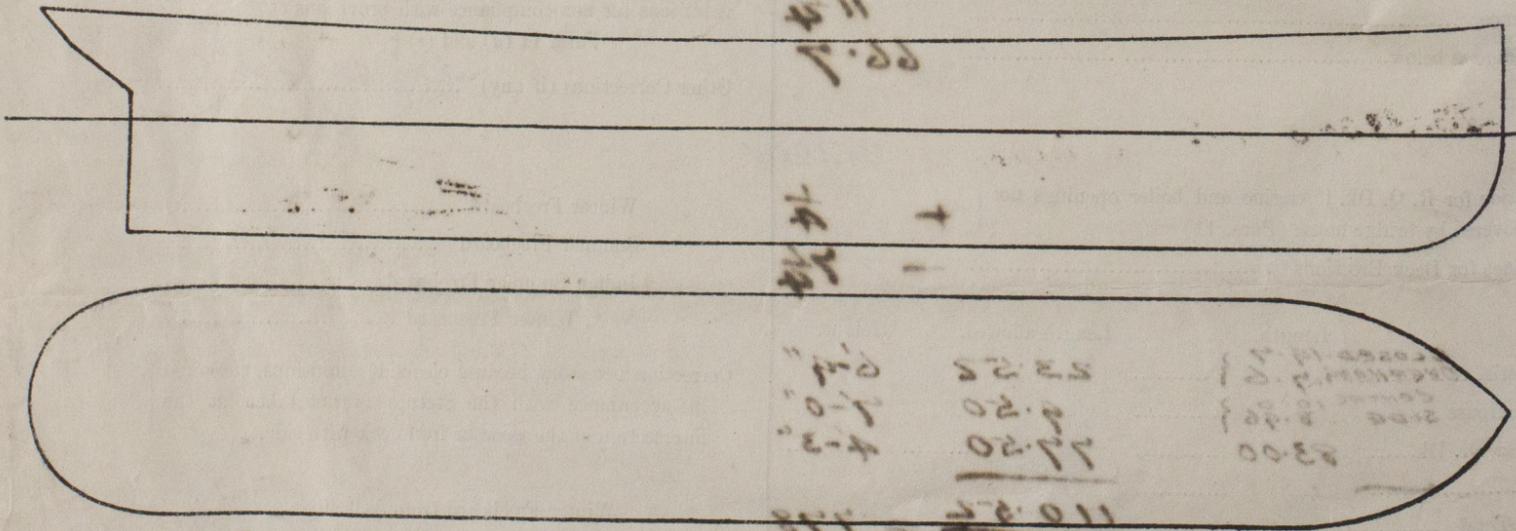
Position and Size.	No 1 HATCHWAY		No 2 HATCHWAY		Ship.	Rule.
	Ship.	Rule.	Ship.	Rule.		
Item.	26'6" x 15'4"		24'6" x 15'4"			
COAMING	Height above top of DECK	36"	30"	42"		
	Thickness { Sides..... Ends.....	.48 .40		.60 .40		
SHIFTING BEAMS OR WEB PLATES.	Number	FIVE		EIGHT		
	Section and Scantlings	3x3x42		14" CENTRAL 12" SIDE		
* FORE AND AFTERS.	Material	STEEL		STEEL		
	Number					
HATCHES	Thickness	2 1/2"		2 1/2"		
	Remarks	FR		P.P.		

* 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. **VESSEL UNDER 150 FT IN L**
 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 **22.74**
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = **8.47** Sq. ft.
 Ft. Tenths. Ft. Tenths. No. } Freeing Ports = **9.6** Sq. ft.
 3.0 x 1.6 x 2 (each side of vessel)
 Total deficiency or excess = **.83** 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 **MIDSHIP SECTION & PROFILE ENCL**
FOR REFERENCE.

Owners **THE SHIPPING CONTROLLER.**
 Address

Fee £ **2 : 2**

Received by me **15.3.19 RBM**

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