

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

7911

25638.

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 *Belfast*
Date of Survey *Building 21st Feb 1918*
Name of Surveyor *C. Kendall*

Ship's Name.
"WAR VIPER"Port of Registry
and Nationality.
London
*British*Official
Number.
*142323*Gross
Tonnage.
*5760*Date of Build.
1918-3

Particulars of Classification.

100 A1. Contemplated.

Number in Register Book

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>400.4</i>	<i>52.3</i>	<i>28.45</i>	<i>4739.24</i>
Length on LOADLINE.	<i>399.5</i>	Frame Depth Rule <i>10</i> Ceiling <i>20</i> Sheet <i>1.14</i>	Peak Tanks	
CORRECTED DIMENSIONS.	<i>399.5</i>	<i>51.63</i>	<i>29.79</i>	<i>4739.24</i>

Co-efficient of fineness..... *.77*
Any modification necessary { *.02*
[Para. 4 (a) to (e)]*
Co-efficient as corrected *.75*

Sheer { Stem..... *20* } *180* ÷ 2 = *90* ... Mean
at { Sternpost ... *60* }
Sheer at $\frac{1}{2}$ of the length from { Stem *67* } *100* ÷ 2 = *50* ... Mean
{ Sternpost *33* } ÷ 5.5 = *90.9*
Gradual mean Sheer *90.445*
Standard mean Sheer [Table, Para. 18] *49.95* Correction
Difference..... *41.5* ÷ 4 = *10.4*
§ If limited as Para. 18 (f)..... *40.5*

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

Fall in Sheer {
Para. 18 (d) } ÷ 2 =
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C..... *4.9*
Correction for Length, if required (Para. 12, 13, and 14) *2.5*
Freeboard by Table A, corrected for sheer, and for length, {
if required (Para. 12, 13, and 14) } *7.4 1/4*
Difference *2.5 1/2*
Percentage as below..... *32%*
9.44

Correction for R. Q. Dk. if engine and boiler openings not
covered by bridge house (Para. 11) }
Allowance for Deck Erections *- 9 1/2*

	Length.	Length allowed.	Height.
Forecastle.....	<i>38.25</i>	<i>38.25</i>	<i>7.96</i>
Bridge House.....	<i>112.67</i>	<i>112.67</i>	<i>7.96</i>
† Raised Qr. Dk.....			
Poop.....	<i>49.25</i>	<i>49.25</i>	<i>7.96</i>
Total		<i>200.17</i>	<i>50</i>
Length of Ship	<i>399.5</i>		
Corresponding percentage { <i>32%</i> (Para. 12, 13, and 14) }			

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

26 2.18
Fresh Water Line above centre of Disc
Indian Summer Line " " " "
Winter Line below " " " "
Winter North Atlantic Line " " " "

Moulded Depth as measured..... *31.0*

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

addition for keel below base line
for draught record *2 1/2* inches.

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.
× Difference divided by 10 *4.14* (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 *say + 4 1/2*

27.5
.8
2.2
say + 2 1/2

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered *.50*
Thickness of usual wood deck, less stringer *3 1/2* = *- 1 3/4*

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... *52*
Round of Beam *13*
Normal round..... *13*
Difference ÷ 2 =
Proportion of Deck uncovered (Para. 19)

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

Freeboard, Table A *7.10 1/2*
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 1/4*
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) *- 1 3/4*
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) † }
Other Corrections (if any)

Winter Freeboard *6. 5 1/2*
Summer Freeboard *6. 0*
Indian Summer Freeboard *5. 6 1/2*
N. A. Winter Freeboard

Correction necessary because clearside amidships, measured
in accordance with the Statute is not taken at the
intersection of the ~~wood~~ iron deck with side.
as fixed by Board of Trade Surveyors.

Winter Freeboard from deck line *6. 7*
Summer " " " " *6. 1 1/2*
Indian Summer " " " " *5. 8*
N. A. Winter " " " "

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.

MARKING FORM

RECEIVED 5. FEB 1918

MARKING REPORT

RECEIVED 13. 3. 18.

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" F'cle
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Do all the Frames extend to the top height in the Poop? *Yes.* Raised Quarter Deck? *✓* Bridge House? *Yes.* Forecastle? *Yes.*
To what height do the Reverse Frames extend? *Bulk Angle frames.*
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 *Strong Iron 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? *Yes.*
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? *44*
Give scantlings and spacing of the Stiffeners *9 x 3 1/2 x .56 B. angles spaced 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? *wood weather boards full height fitted in riveted channels*
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? *Yes.*
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.		N ^o 1 32'6" x 26'0"		N ^o 2 34'8" x 26'0"		N ^o 3 34'8" x 26'0"		N ^o 4 30'4" x 26'0"			
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30"	24	30	24	30	24	30	24		
	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	6		6		6		5			
	Section and Scantlings	24 x .38		24 x .38		24 x .38		24 x .38			
	Material	Steel		Steel		Steel		Steel			
* FORE AND AFTERS.	Number	none		none		none		none			
	Section and Scantlings										
	Material										
HATCHES Thickness		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 (e) each side of vessel = _____ Sq. ft.

Ft. Tenths. Ft. Tenths. No.

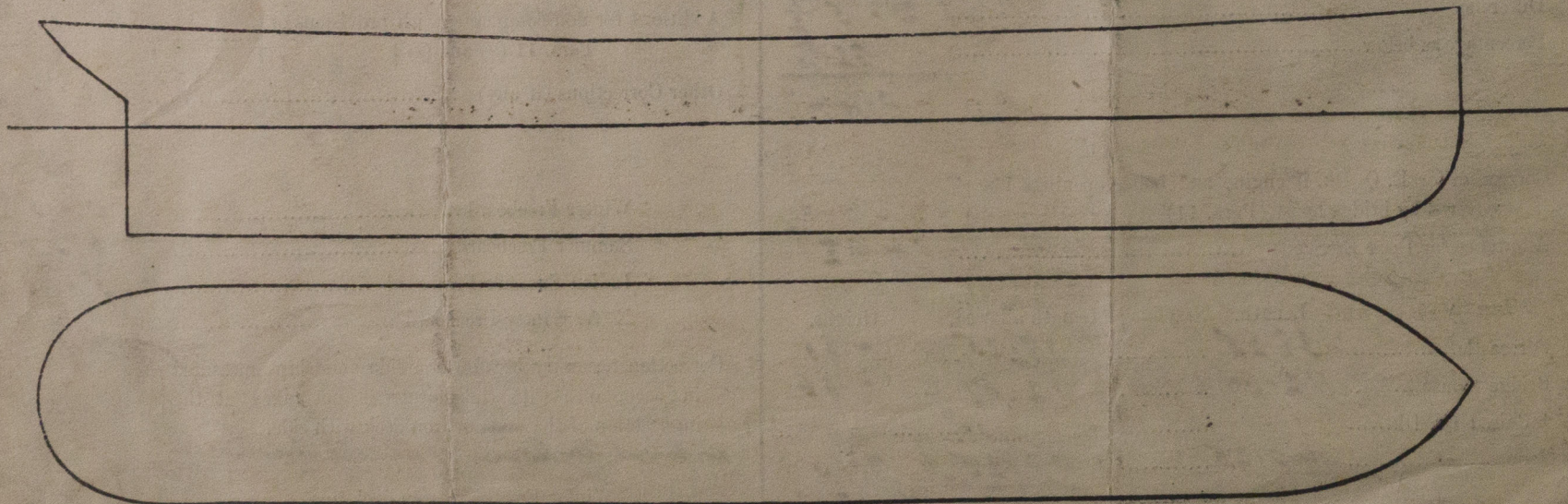
x x
x x

Freeing Ports
(each side of vessel)

Sq. ft.

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 vessel B Type

Owners

Address

Fee £

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30-4-18

1-5-18



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Lloyd's Register
Foundation

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