

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Particulars relating to all steam ships either flush decked, or with
of 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 *Hull*
Date of Survey *21.12.16*
Name of Surveyor *M. Blackwood*

Ship's Name *J. S. JARRIX*
Cochin 20726
Number in Register Book *20*
Port of Registry and Nationality *Hull U.K.*
Official Number *139308*
Gross Tonnage *429*
Date of Build *1917*
Particulars of Classification *25100A1. Contingent*

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>150.2</i>	<i>24.65</i>	<i>11.05</i>	<i>302.75</i>
	<i>150.0</i>	<i>24.65</i>	<i>11.05</i>	<i>302.75</i>
	<i>150.0</i>	<i>24.65</i>	<i>11.05</i>	<i>302.75</i>

Moulded Depth as measured *12'-0"*

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..... *150.0*
Length in Table *144.0*
Difference *6.0*
Correction for 10ft., Table A. *9* Table C.
× Difference divided by 10 *54* (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 *27* *+ 4*

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered *768*
Thickness of usual wood deck, less stringer *22*

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... *24.5*
Round of Beam *6 8*
Normal round..... *6 8*
Difference *✓* $\div 2 =$ *✓*
Proportion of Deck uncovered (Para. 19) *✓*

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

Condition of fineness..... *70*
Modification necessary } *Ord floor*
Para. 4 (a) to (e)* }
Condition as corrected

Stem..... *54* *83* $\div 2 = 41.5$ Mean
Sternpost *29*

At $\frac{1}{4}$ of the length from { Stem *28.75* *43.75* $\div 2 = 21.875$ Mean
Sternpost *15.00* $\div 55 = 39.77$

Mean Sheer *39.77*
Mean Sheer [Table, Para. 18] *25.00* Correction
Difference..... *14.77* $\div 4 = 3.69$

Limited as Para. 18 (f)..... *54* $- 3 \frac{3}{4}$

In Sheer { At front of bridge house.....
amidships {
Para. 18 (e) { At after end of forecastle.....

In Sheer { $\div 2 =$
Para. 18 (d) {
Deck uncovered *✓* Correction

ALLOWANCE FOR DECK ERECTIONS:—

Board, Table C..... *34*
Correction for Length, if required (Para. 12, 13, and 14)

Board by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) *11*

ence *1.1 3/4*
ntage as below..... *65.2 75 70*

ction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) *✓*

ance for Deck Erections *8 3/4*

Length.	Length allowed.	Height.
<i>18-3</i>	<i>38.25</i>	<i>6'-6"</i>
<i>8-9</i>	<i>8.75</i>	<i>7'-0"</i>
<i>86-3</i>	<i>86.25</i>	<i>3'-6"</i>

Total *116-9* *115.25* $\div 115 = 768$
Length of Ship *150.0*

Corresponding percentage (Para. 11, 12, 13, or 14) *65.2*

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 " " "

Winter Freeboard *3.11 3/4* *2.65*
Summer Freeboard *-1 3/4* *3.10* *0.5*
Indian Summer Freeboard
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"*

Winter Freeboard from deck line *7 1/2* *4.0 3/4*
Summer " " " *8* *3.11*
Indian Summer " " "

N. A. Winter " " " *3* *11* *6*

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 draft for water and air, should be reported.

If the frames, skin plating, 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 top of the amidships 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 $\frac{1}{4}$ length of the vessel's length from stem and sternpost.

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Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *Yes* Bridge House? *Yes* Forecastle? *Yes*
 To what height do the Reverse Frames extend? *To turn of bilge*
 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? *Yes* 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? *25* and Coaming plate? *30*
 Give scantlings and spacing of the Stiffeners *4 x 3 x 30 spaced 30"*
 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, connected to R.Q.D.*
 How are the openings closed? *Steel Companion, 21' coaming and tank doors*
 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? *by casing*
 Give thickness of plating; scantlings and spacing of Stiffeners *Coaming .31 plating 25 stiff 3 x 3 x 30 28" apart*
 What is the height of the exposed Casings? *6'-6"* Are suitable means provided for closing all openings in them in bad weather? *Steel doors & Bolts*
 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, 24'-6" x 18'-6"		No. 2, 19'-3" x 18'-6"							
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING. Height above top of DECK	36"	36"	36"	36"						
Thickness	Sides	44	44	44						
	Ends	44	44	44						
SHIFTING BEAMS OR WEB PLATES.	Number	2	2	1						
	Section and Scantlings	38 x 8 x 15 38 x 18 x 15	38 x 19 x 15 38 x 19 x 15							
	Material	Steel	Steel	Steel						
* FORE AND AFTERS.	Number	3	3	3						
	Section and Scantlings	cut 8 x 7 0.8 x 7	cut 8 x 7 0.8 x 7	cut 8 x 7 0.8 x 7						
	Material	P. Pine	P. Pine	P. Pine						
HATCHES Thickness	2 1/2	2 1/2	2 1/2	2 1/2						
Remarks	Solid	Solid	Solid	Solid						

* 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.) *no side scuttles*

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 *33'-0"*

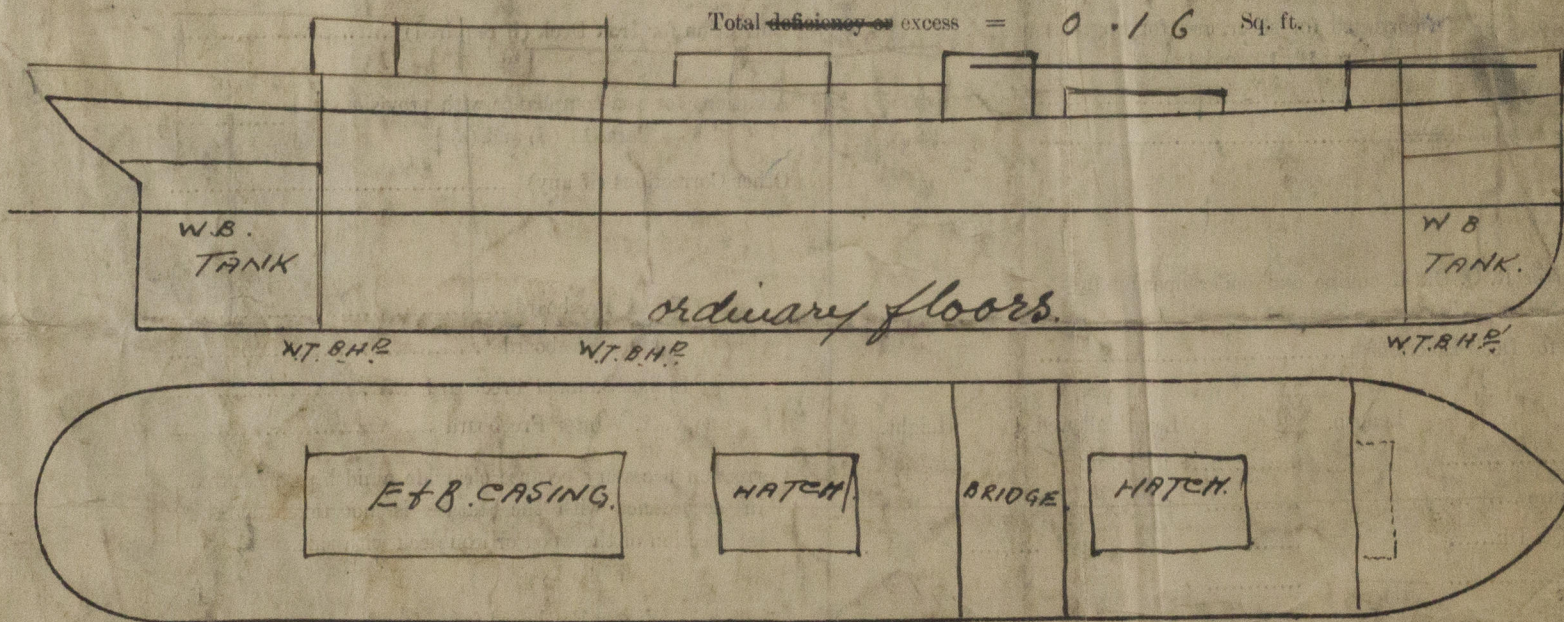
Area of Freeing Ports required by Para. 11 (e) each side of vessel = *9.80* Sq. ft.

Ft. Tenths. Ft. Tenths. No.

3.0 x *1.66* x *2*

Freeing Ports (each side of vessel) = *9.96* Sq. ft.

Total deficiency or excess = *0.16* 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 *none. Freeboard request attached hereto, and approved plans enclosed for reference.*

Owners *Russell R. Rice and Sons Ltd, Hull.*

Address

See *New* Received by me