

MON. 27 JAN 1908

19577

Form No. 9 attached. Copy written

Lloyd's Register of British & Foreign Shipping. No 15305

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

ARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH 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 Breunick
Date of Survey Whist building
Name of Surveyor D. McAndrew

Ship's Name. PARENT	Port of Registry and Nationality. <u>London U.K.</u>	Official Number. <u>125673</u>	Gross Tonnage. <u>172</u>	Date of Build. <u>1908</u>	Particulars of Classification. <u>100 A.1. (contemplated)</u>
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Registered Dimensions from Ship's Register.	LENGTH. <u>96.0'</u>	BREADTH. <u>23.1'</u>	DEPTH. <u>10.3' TO TOP OF TANK</u>	UNDER DECK Tonnage. <u>149.21</u>
Length on LOADLINE	<u>96.0</u>	Frame Depth 5" Rule " <u>3</u>	Ceiling Sheer <u>+35</u>	Peak INCLD IN ABOVE TANKS <u>1.79</u>
CORRECTED DIMENSIONS.	<u>96.0</u>	<u>22.77</u>	<u>12.02</u>	<u>151.00</u>

Co-efficient of fineness57
 Any modification necessary [Para. 4 (a) to (e)*]68 Lowest in Table A.
 Co-efficient as corrected

Sheer { Stem... 46" } 65" ÷ 2 = 32.5" Mean
 at { Sternpost... 19" }
 Sheer at 1/2 of the length from { Stem 27 } 37" ÷ 2 = 18.5" Mean
 { Sternpost 10 }

Gradual mean Sheer
 Standard mean Sheer (Table, Para. 18) 19.6 ✓
 Difference..... 12.9 ÷ 4 = 3.22
 § If limited as Para. 18 (f)..... 19.6 ÷ 2 = 9.8 ✓ say - 3 1/4" 2 1/2"

Rise in Sheer from amidships { Para. 18 (e) }
 { At front of bridge house..... ✓
 { At after end of forecastle..... ✓
 Fall in shear { Para. 18 (d) } ÷ 2 = ✓
 Length uncovered Correction

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	

	Length.	Length allowed.	Height.
Forecastle.....			
Bridge House			
† Raised Qr. Dk.....			
Poop.....			
Total			
Length of Ship			
Corresponding percentage { (Para. 11, 12, 13, or 14) }			

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	" " "

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† 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 length of the vessel's length from stem and sternpost.

Moulded Depth as measured..... 12'-9"
1 3/4" teak wood deck fitted. - 1"
 Moulded Depth to use = 12-8
 BALLAST TANK IN B. ROOM.

CORRECTION FOR LENGTH.
 Length of Ship on Loadline..... 96.0
 Length in Table 158.0
 Difference 57.0
 Correction for 10ft., Table A.9
 × Difference divided by 10 5.73
 If 1/10ths length covered divide by 2 say + 5"

CORRECTION FOR IRON DECK.
 Proportion covered, if less than 1/10ths length covered 2 3/4 ✓
 Thickness of usual wood deck, less stringer.....
1 3/4" teak sheathing fitted. Thickness allowed above.

CORRECTION FOR ROUND OF BEAM.
 Breadth at Gunwale amidships..... 23.0
 Round of Beam..... 5 1/2
 Normal round 5 3/4
 Difference 1/4 ÷ 2 = ✓
 Proportion of Deck uncovered (Para. 19)

Freeboard, Table A 10 1/2"
 Correction for Sheer 3 1/4 2 1/2"
 Correction for Length 1 - 7 1/2"
5"
12 - 20 1/2"
 Allowance for Deck Erections ✓
 Correction for Round of Beam..... ✓
 Correction for fall in Sheer (if any) ✓
 Correction for Iron Deck (if required) ✓

Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Trim by Stern for side girdles + 5"
 Other Corrections (if any) 2 - 5"

Winter Freeboard
 Summer Freeboard } For all = 2'-5"
 Indian Summer Freeboard } Seasons
 N. A. Winter Freeboard

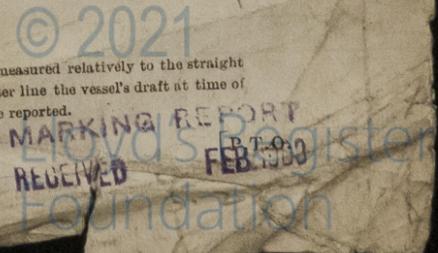
Correction necessary because clearside amidships, measured in accordance with the Statute, is not taken at the intersection of the wood or iron deck with side. + 1"

Winter Freeboard from deck line
 Summer " " " " } For all = 2'-6"
 Indian Summer " " " " } Seasons
 N. A. Winter, " " " "

FOR ALL SEASONS.
 Amended Tables
 March 1906.

† 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 road draft forward and aft, should be reported.

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Do all the Frames extend to the top height in the Poop? Raised Quarter Deck? Bridge House? Forecastle?

To what height do the Reverse Frames extend? *B. A. framing.*

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

Is the Poop or Raised Quarter Deck connected with the Bridge House? Has the Bridge House an efficient Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

What is the thickness of the Bridge Front plating? and Coaming plate?

Give scantlings and spacing of the Stiffeners

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?

How are the openings closed?

Is the Forecastle at least as high as the main or top-gallant rail? Has the Forecastle an efficient Iron or Wood Bulk'd. at after end?

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *plating*

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: *COAMING 5/20; PLATING 4/20; STIFFENERS: 2 1/2" x 2 1/2" x 6/20, ABOUT 30" APART.*

What is the height of the exposed Casings? *6'-9"* 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.*

Position and Size.		<i>N^o 1 = 4'-3" x 5'-0"</i>									
Item.	Ship.	Rule, OR APP ^d	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING.	Height above top of DECK	<i>9 1/2"</i>	<i>9"</i>								
	Thickness	<i>5/20"</i>	<i>5/20"</i>								
SHIFTING BEAMS OR WEB PLATES.	Number										
	Section and Scantlings										
	Material										
FORE AND AFTERS.	Number										
	Section and Scantlings										
	Material										
HATCHES	Thickness	<i>2"</i>	<i>2"</i>								
	Remarks	<i>TEAK</i>	<i>COVERS.</i>								

* 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.)

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?

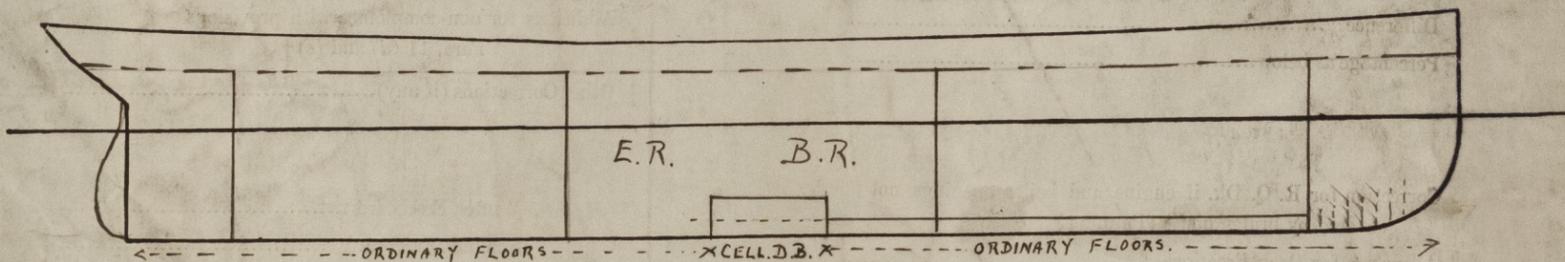
Delete the words { The Crew *are, are not,* berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters *are, are not* satisfactory.

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.	} Freeing Ports (each side of vessel) = Sq. ft.
	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 being built for the Conservators of the River Thames and is now completing afloat. The approved midship section, profile & deck plans are enclosed herewith.*

Owners

Address

Fee £

Received by



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