

Lloyd's Register of British & Foreign 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 London

Date of Survey 11-12-17

Name of Surveyor D. Nicholas
James Murray

Plaston
Ship's Name La Plata
Number in Register Book 67

Port of Registry and Nationality. London.
British

Official Number. 140428.

Gross Tonnage. 430

Date of Build. 1907
8

Particulars of Classification. Coasting, England, Wales and French Channel ports contemplated for these purposes only.

Registered dimensions from Ship's Register.	LENGTH. <u>160'0"</u>	BREADTH. <u>31'1"</u>	DEPTH. <u>9'1"</u> <u>9.375 floors</u>	UNDER DECK Tonnage. <u>352</u>
Length on LOADLINE	<u>158.5</u>	Frame Depth Rule <u>3</u>	Ceiling filled Sheer <u>+ .19</u>	Peak Tanks
CORRECTED DIMENSIONS.	<u>158.5</u>	<u>31.1</u>	<u>9.56</u>	<u>352</u>

Moulded Depth as measured..... 9-10
 wood dk. less str. - 3
9-7 1/2 use

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

Co-efficient of fineness75
 Any modification necessary [Para. 4 (a) to (e) *] ✓
 Co-efficient as corrected75

CORRECTION FOR LENGTH.
 Length of Ship on Loadline..... 158.5
 Length in Table 115
 Difference 43.5
 Correction for 10ft., Table A.8 Table C.
 × Difference divided by 10 3.48 (if required.)
 If 1/10ths length covered divide by 2 + 3 1/2

Sheer { Stem... 45 } 73 ÷ 2 = 36 1/2 Mean
 at { Sternpost... 25 } 19
 Sheer at 1/2 of the length from { Stem 23 } 36 ÷ 2 = 18 Mean
 { Sternpost 13 } 47 ÷ 2 = 23.5
 Gradual mean Sheer 32.73 = 32.73
 Standard mean Sheer (Table, Para. 18) 25.85 Correction
 Difference..... 6.88 ÷ 4 =
 § If limited as Para. 18 (f)..... -1 3/4

CORRECTION FOR IRON DECK.
 Proportion covered, if less than 1/10ths length covered
 Thickness of usual wood deck, less stringer.....
Allowed in reduced moulded depth

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

CORRECTION FOR ROUND OF BEAM.
 Breadth at Gunwale amidships..... 30'10"
 Round of Beam..... 8"
 Normal round 7.71
 Difference ÷ 2 = .29
 Proportion of Deck uncovered (Para. 19)

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

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

Freeboard, Table A 1-4
 Correction for Sheer - 1 1/2
1-2 1/4
 Correction for Length + 3 1/2
1-5 3/4

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.....	<u>15'0"</u>		<u>3'9"</u>
Bridge House			
† Raised Qr. Dk.....			
Poop.....			
Total			

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) †
 Other Corrections (if any) Reckoning and construction + 7 1/4
2-1

Winter Freeboard 2-1
 Summer Freeboard 2-0
 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 1/2

Winter Freeboard from deck line 2-2 1/2
 Summer " " " " 2-1 1/2
 Indian Summer " " " "
 N. A. Winter, " " " "

Length of Ship
 Corresponding percentage { (Para. 11, 12, 13, or 14) }

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, (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 stern-posts. 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? Raised Quarter Deck? Bridge House? Forecastle
 To what height do the Reverse Frames extend? To Deck
 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? Yes Has the Forecastle an efficient Iron or ~~Wood~~ Bulk'd. at after end?
 Are the Engine and Boiler openings covered by a Bridge, Poop, Deck } Yes. 60'0" x 15'0" = 7'0"
~~Quarter Deck, or~~ enclosed by a Strong Iron or Steel Deckhouse?
 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. 26'3" x 15'0"		No. 2. 31'6" x 15'0"		Ship.	Rule.	Ship.	Rule.	Ship.
	Ship.	Rule.	Ship.	Rule.					
COAMING.	Height above top of DECK	24"	24						
	Thickness { Sides..... Ends.....	7/16	7/16						
SHIFTING BEAMS OR WEB PLATES.	Number	Two	Three						
	Section and Scantlings.....	2 1/2 x 19 x 5/16	3 1/2 x 19 1/2 x 5/16						
	Material.....	IL	IL						
FORE AND AFTERS.	Number.....	Three	Three						
	Section and Scantlings.....	9 x 7 1/2 x 6 1/2	Same as No. 1						
	Material.....	Wood							
HATCHES Thickness	3"	3"							
Remarks.....									

* 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 De

What is the thickness of the Bridge Sheerstrake? _____ Strake between Main and Bridge Sheerstrakes? _____

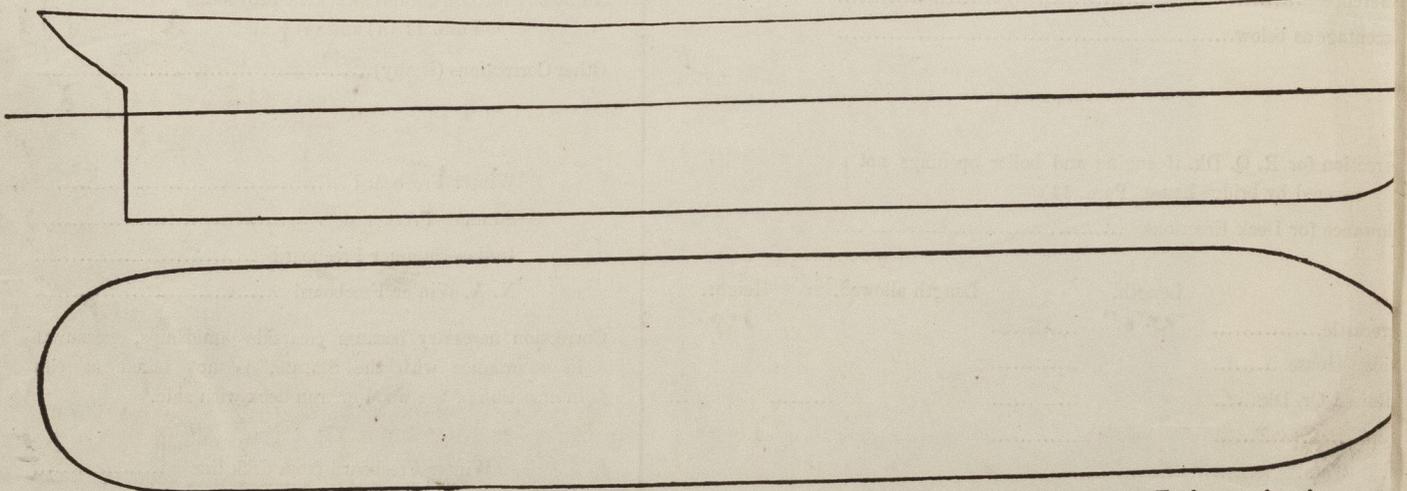
Delete the words { The Crew are, are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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.
2' 5"	x	1' 5"	x	6	
2' 5"	x	1' 5"	x	6	

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 _____

Owners _____

Address _____

Fee £

2 : 2 : 0 applied for 12/17/17

Received by me

21/12/17 MSW

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