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Preliminary

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THU, 21 JUL, 1919

Lloyd's Register of British & Foreign Shipping.

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 GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey *Luth*
Date of Survey *30 July 1919*
Name of Surveyor *J. W. Luders*

Ship's Name. <i>St. Paul 106</i> <i>St. Paul S. 6. 2 104</i>	Port of Registry and Nationality. <i>French</i>	Official Number. <i>✓</i>	Gross Tonnage. <i>✓</i>	Date of Build. <i>✓</i>	Particulars of Classification. <i>+10091 Contemplated</i>
Number in Register Book					

Registered Length on LOADLINE.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>300.0</i>	<i>43.4</i>	<i>22.25</i> <i>22.19 banked approx</i>	<i>2250</i>
	<i>300</i>	Frame Depth <i>9 1/2</i> Rule <i>5 1/2</i> <i>-666</i>	Ceiling <i>19.20</i> Sheer <i>2.50</i>	Peak Tanks <i>Included in Deck above</i>
	<i>300</i>	<i>43.04</i>	<i>21.89</i>	<i>2250</i>

Moulded Depth as measured *24 1/2*

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

Displacement *481*

Efficient of fineness *80%* (*496*)

Modification necessary [Para. 4 (a) to (e)]* *Cell 5B*

Efficient as corrected *79% provisionally in view of displacement with straight deck*

Stem *42"*
Sternpost *24"*

Mean Sheer *48"*

Stem *19"*
Sternpost *22"*

Mean Sheer *19 1/2 ÷ 2 = 9 3/4*

Standard mean Sheer [Table, Para. 18] *40.0*

Difference *18.25 ÷ 4 = +4 1/2*

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<i>300</i>	<i>300</i>
Length in Table	<i>293.5</i>	<i>293.5</i>
Difference	<i>6.5</i>	<i>6.5</i>
Correction for 10ft., Table A.	<i>1.31.3</i>	Table C. <i>.7.7</i>
× Difference divided by 10	<i>84.5</i>	<i>84.5</i> (if required.) <i>4.55.455</i>
If 1/10ths length covered divide by 2	<i>+3/4</i>	<i>+1/2 + 1/2</i>

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	<i>478</i>
Thickness of usual wood deck, less stringer	<i>3 1/2</i>
	<i>-1 3/4</i>

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<i>43.6</i>
Round of Beam	<i>10 3/4</i>
Normal round.....	<i>107.8</i>
Difference	<i>10.85</i>
Proportion of Deck uncovered (Para. 19)	<i>÷ 2 =</i>

Rise in Sheer from amidships [Para. 18 (e)]

At front of bridge house *Nil*

At after end of forecastle *1.9 1/2*

Fall in Sheer [Para. 18 (d)] *Nil ÷ 2 =*

Length uncovered

Freeboard, Table A	<i>5-4.81</i>	<i>5.4 3/4</i>
Correction for Sheer		<i>+4 1/2</i>
Correction for Length		<i>5.9 1/4</i>
Allowance for Deck Erections		<i>+3/4</i>
Correction for Round of Beam.....		<i>5.10</i>
Correction for fall in Sheer (if any).....		<i>-1.0</i>
Correction for Iron Deck (if required)		<i>4.10</i>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †		<i>-1 3/4</i>
Other Corrections (if any)		<i>4.8 1/4</i>

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	<i>2.608</i>	<i>2.6</i>
Correction for Length, if required (Para. 12, 13, and 14)		<i>+ 1/2</i>
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)		<i>5.10</i>
Difference		<i>3.3 1/2</i>
Percentage as below.....		<i>30.46%</i>
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)		<i>12"</i>
Allowance for Deck Erections		

Winter Freeboard	<i>4.8 1/4</i>
Summer Freeboard	<i>4.4 1/2</i>
Indian Summer Freeboard	<i>4.8 3/4</i>
N. A. Winter Freeboard	<i>4.10 1/2</i>
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.	<i>1 3/4</i>

Length.	Length allowed.	Height.
Forecastle..... <i>33.25</i>	<i>33.25</i>	<i>7.0</i>
Bridge House..... <i>81.0 + 2-3 overhang</i>	<i>82.12</i>	<i>7.0</i>
Raised Qr. Dk.....		
Poop..... <i>28.20</i>	<i>28.22</i>	<i>7.0</i>
Total	<i>143.57</i>	
Length of Ship	<i>300</i>	<i>47.8</i>
Corresponding percentage (Para. 11, 12, 13, or 14)	<i>30.46%</i>	

Winter Freeboard from deck line	<i>4.10</i>
Summer " " " "	<i>4.6 1/4</i>
Indian Summer " " " "	<i>4.2 1/2</i>
N. A. Winter " " " "	<i>5.0</i>
Freeboard recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—	<i>4.6</i>
Fresh Water Line above centre of Disc	<i>5</i>
Indian Summer Line " " " "	<i>3 1/2</i>
Winter Line below " " " "	<i>4</i>
Winter North Atlantic Line " " " "	<i>6</i>

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 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.

Copy to Surveyor 13.8.19.

W458-0198 I.P.T.O.

Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? Bridge House? *Alternately* Forecastle? *yes*
 To what height do the Reverse Frames extend? *Bulwark Angle framing*
 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 *none*
 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 *two watertight hinged doors 4'-0" x 3'-0"*
 What is the thickness of the Bridge Front plating? *.36* and Coaming plate? *.40*
 Give scantlings and spacing of the Stiffeners *8 x 3 x .40 Bulwark Angle 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? *Weather board + 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? *Bridge 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 *.30 casing .40 stiffeners 3 1/2 x 3 1/2 x .40 spaced 30" apart*
 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.	No. 1 31.6 x 21.3		No. 2 32.9 x 21.3		No. 3 31.6 x 21.3		No. 4 31.6 x 21.3		Ship.
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING.	Height above top of DECK	3-0							
	Thickness {	Sides.....	.44						
		Ends.....	.44						
* SHIPBOARD BEAMS OR WEB PLATES.	Number	<i>six</i>							
	Section and Scantlings	<i>I post 16 x 1 1/2 x 1 1/2</i>							
	Material	<i>Mild</i>							
* FORE AND AFTERS.	Number								
	Section and Scantlings								
	Material								
HATCHES Thickness		<i>2 1/2</i>							
Remarks.....	<i>White Wood</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? *.56* Strake between Main and Bridge Sheerstrakes? *.56*

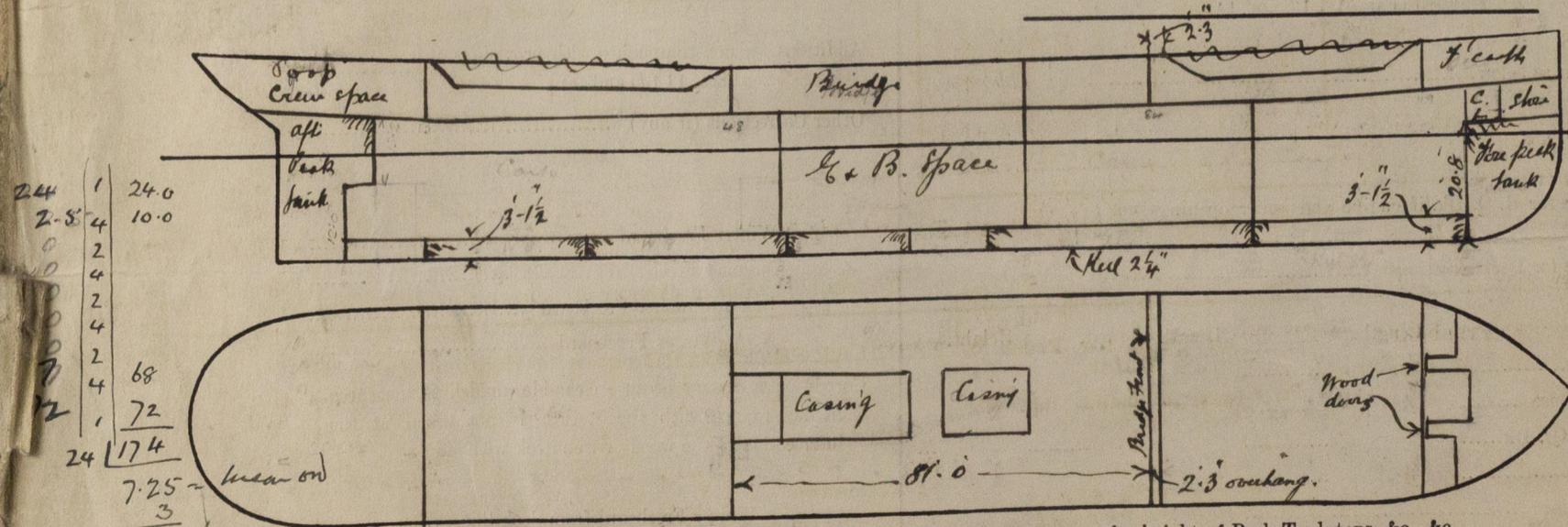
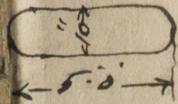
Delete the words { The Crew are, are not, berthed in the bridge house. that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well *Fore Well 48.9 aft Well 48.9*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *31.5* Sq. ft.

Ft.	Tenths.	Ft.	Tenths.	No.	} Freeing Ports (each side of vessel) = <i>32.0</i> Sq. ft.
<i>Fore</i>	<i>well</i>	<i>5-0</i>	<i>x 0.83</i>	<i>x 4</i>	
<i>Aft</i>	<i>"</i>	<i>5-0</i>	<i>x 0.83</i>	<i>x 4</i>	

Total deficiency or excess = *.5* 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. *Shut not according to tables - Hubbard & Co. forms forwarded to London on the 24th June 1919.*

Owners _____

Address _____

Fee £ _____

Received by me _____



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