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Preliminary

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28031
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
TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR
WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECK
CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

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

Ship's Name. *Alma 106*
Burnside S. 6. 2 104
Number in Register Book

Port of Registry and Nationality. *French*
Official Number. *✓*
Gross Tonnage. *✓*
Date of Build. *✓*
Particulars of Classification. *+100/1 Contemplated*

REGISTERED DIMENSIONS FROM REGISTER.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>300.0</i>	<i>43.4</i>	<i>22.25</i> <i>22.19 tankline approx</i>	<i>2250</i>
Length on LOADLINE.	<i>300</i>	Frame Depth <i>9 1/2</i> Rule <i>5 1/2</i> <i>-66</i>	Ceiling <i>19 1/2</i> Sheer <i>2.50</i> <i>Level Lark</i>	Peak <i>Included</i> Tanks <i>Dist</i>
RECTED ENSIONS.	<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.

efficient of fineness.....
modification necessary [Para. 4 (a) to (e)]* *Cell 5B*
efficient as corrected *say .79 provisionally in view of displacement coeff*
Stem *42"*
Sternpost *24"*
Mean *48"*
Stem *19"*
Sternpost *2 1/2"*
Mean *9 3/4"*
Standard mean Sheer [Table, Para. 18] *40.0*
Difference *18.25* $\div 4 = +4 1/2$
If limited as Para. 18 (f).....

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... *300* *300*
Length in Table *293.5* *293.5*
Difference *6.5* *6.5*
Correction for 10ft., Table A. *1.3* *1.3* Table C. *.7* *.7*
 \times Difference divided by 10 *84.5* *84.5* (if required.) *4.5* *4.5*
If $\frac{1}{10}$ ths length covered divide by 2 *+3/4* *3/4* *+1/2* *1/2*

CORRECTION FOR IRON DECK.
Proportion covered, if less than $\frac{1}{10}$ ths length covered *478*
Thickness of usual wood deck, less stringer *3 1/2* *-1 3/4*

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... *43.6*
Round of Beam *10 3/4*
Normal round..... *107.8* *10.85*
Difference $\div 2 =$
Proportion of Deck uncovered (Para. 19)

Rise in Sheer { At front of bridge house *Nil*
om amidships
Para. 18 (e) { At after end of forecastle *1.9 1/2*
Fall in Sheer { *Nil* $\div 2 =$
Para. 18 (d) {
Length uncovered
Correction

Freeboard, Table A *5-4.81* *5-4 3/4*
Correction for Sheer *+4 1/2*
Correction for Length *5-9 1/4* *+3/4*
Allowance for Deck Erections *5-10* *-1 0*
Correction for Round of Beam..... *4-10*
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)

ALLOWANCE FOR DECK ERECTIONS :—
Freeboard, Table C..... *2.608* *2.6*
Correction for Length, if required (Para. 12, 13, and 14) *+1/2*
Freeboard by Table A, corrected for sheer, and for length, } *5-10*
if required (Para. 12, 13, and 14) }
Difference *3-3 1/2*
Percentage as below..... *30.46%*
12"
Correction for R. Q. Dk. if engine and boiler openings not }
covered by bridge house (Para. 11) }
Allowance for Deck Erections

Winter Freeboard *4-8 1/4*
Summer Freeboard *3 3/4* *4-4 1/2*
Indian Summer Freeboard *4-8 3/4*
N. A. Winter Freeboard *4-10 1/2*
Correction necessary because clearside amidships, measured }
in accordance with the Statute is not taken at the } *1 3/4*
intersection of the wood or iron deck with side.

	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.....			
Pop.....	<i>28.20</i>	<i>28.2</i>	<i>7.0</i>
Total		<i>143.57</i>	
Length of Ship		<i>300</i>	<i>478</i>
Corresponding percentage { <i>30.46%</i> (Para. 11, 12, 13, or 14) { <i>30.46%</i>			

Winter Freeboard from deck line *4-10*
Summer " " " " *4-6 1/4*
Indian Summer " " " " *4-2 1/2*
N.A. Winter " " " " *5-0*
Freeboard recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :—
Fresh Water Line above centre of Disc *5*
Indian Summer Line " " " " *3 1/2*
Winter Line below " " " " *4*
Winter North Atlantic Line " " " " *6*

13. 8. 19
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 sternpost.
T. Copy to Surveyor 13. 8. 19.

+ 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.

W458-0198

I.P.T.O.

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

To what height do the Reverse Frames extend? *Bulb 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 .40 Bolt 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? *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 craming .40 stiffeners 3 1/2 x 3 1/2 .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? *✓*

Requirements of Section 25 of the Rules for the Construction of Steamships.									
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	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.
COAMING.	Height above top of DECK	3'-0"				3'-0"			
	Thickness {	Sides.....	.44	do					
		Ends.....	.44						
* BRACING BEAMS OR WEB PLATES.	Number	12							
	Section and Scantlings	1" x 16" x 62 lbs	do						
	Material	Steel							
* FORE AND AFTERS.	Number								
	Section and Scantlings		none						
	Material								
HATCHES	Thickness	2 1/2"				do			
	Remarks.....	White Wood							

* 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

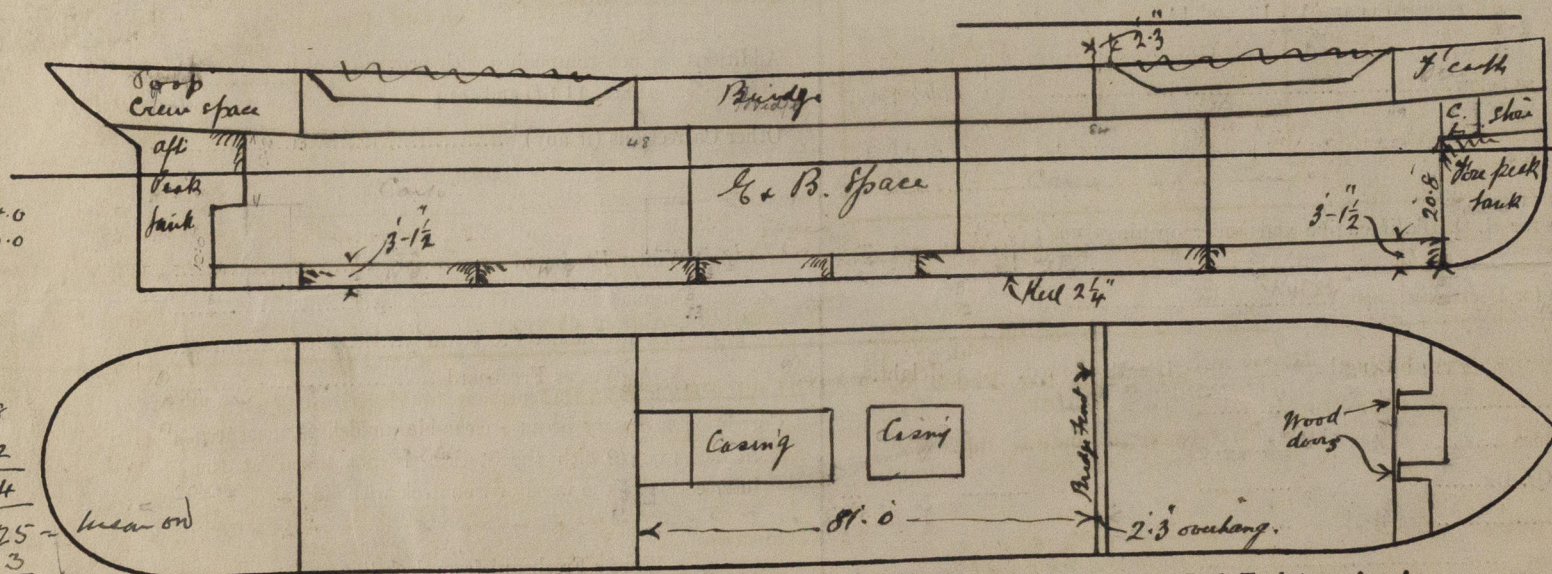
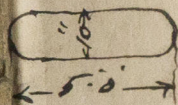
Delete the words { The Crew ~~are, are not~~, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters ~~are, are not~~ satisfactory.

Length of Bulwarks in well *Fire Well 98.9 aft well 78.9*

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

Ft.	Tenths.		Ft.	Tenths.		No.				
4	5-0	×	0-83	×	4	}	Freeing Ports (each side of vessel)	=	32.0	Sq. ft.
	5-0	×	0-83	×	4					

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 according to rules - 1/10/19/19*

forms forwarded to London on the 24th June 1919.

Owners

„ *Address*

Fee £ : :

Received by me

Lloyd's Register
Foundation