

VERIFICATION REPORT.

Form No. 9 Attached.

TUE JUN 8 1920

Index No. 27578
(For London Office only.)

Lloyd's Register of Shipping

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

SUNDERLAND RPT. N. 27828

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 DECK CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Sunderland
Date of Survey while building 7/4/20
Name of Surveyor James Dickie

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>"ASHLIGHT"</u>	<u>LONDON BRITISH</u>	<u>144598</u>	<u>993.94</u>	<u>1920</u>	<u>*100A1. CONTEMPLATED.</u>

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<u>216.5</u>	<u>32.0"</u>	<u>13.45</u>	<u>746.63</u>
<u>216.16</u>	<u>31.67</u>	<u>13.67</u>	<u>740.36</u>

Moulded Depth as measured..... 15'6"
Addition for Keel below base line for draught record..... 1/2 inches.

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

fineness..... .791
Correction necessary to (e)* C.D.B.
Corrected..... .77

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>216.16</u>
Length in Table	<u>186.00</u>
Difference	<u>30.16</u>
Correction for 10ft., Table A.	<u>1.0</u>
Table C.	<u>.5</u>
× Difference divided by 10	<u>3.01</u>
(if required.)	<u>1.5</u>
If 1/10ths length covered divide by 2	<u>+1.5 Para 11 + Table C</u>
	<u>+3 " " 14A</u>

Mean $64 \div 2 = 32$
Stem 24 } $36 \div 2 = 18$ Mean
Sternpost 12 } $55 = 32.72$
Sheer..... 18" } 32.36
In Sheer [Table, Para. 18] 18.94 } 31.61 Correction
Difference..... .94 } $.75 \div 4 =$
Para. 18 (f)..... $-.4$ har 11
 $+4 = 14$

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered.....
Thickness of usual wood deck, less stringer..... 3" $-2 1/2"$

At front of bridge house.....
At after end of forecastle.....
Correction

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>31.6"</u>
Round of Beam	<u>8</u>
Normal round.....	<u>8</u>
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.

ALLOWANCE FOR DECK ERECTIONS:—

Table C.....	<u>7 3/4</u>	<u>7 3/4</u>
Length, if required (Para. 12, 13, and 14)	<u>+ 1 1/2</u>	
Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)	<u>2.10 1/2</u>	<u>2.74</u>
	<u>2.14</u>	<u>1.11 1/2</u>
	<u>32%</u>	<u>40%</u>
	<u>-8"</u>	<u>-9"</u>
		<u>+9"</u>

$3 - 8 = 4 3/4$
 $4 3/4 - 9 = -5 1/4$ for .534 erections
R. Q. Dk. if engine and boiler openings not by bridge house (Para. 11) } $+ 1/2$
Deck Erections

Freeboard, Table A	<u>2.7 1/2</u>
Correction for Sheer	
Correction for Length	<u>-5 1/4</u>
Allowance for Deck Erections	<u>2.1 3/4</u>
Correction for Round of Beam.....	
Correction for fall in Sheer (if any).....	
Correction for Iron Deck (if required)	<u>-2 1/2</u>
	<u>1.11 1/4</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	
Other Corrections (if any)	

Length.	Length allowed.	Height.
<u>24.5 = 2 1/2</u>	<u>5.6 = 5 1/2</u>	<u>3.0</u>
<u>17.0</u>	<u>17.0</u>	<u>7.0</u>
Dk..... <u>105.5 = 8 3/4</u>	<u>83.95</u>	<u>3.0</u>
	<u>115.48 = 534</u>	
Ship..... <u>216.16</u>	<u>216.16</u>	

Winter Freeboard	<u>1.11 1/4</u>
Summer Freeboard	<u>1.9 1/2</u>
Indian Summer Freeboard	<u>1.7 3/4</u>
N. A. Winter Freeboard	<u>2.2 1/2</u>
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.....	<u>+14</u>
Winter Freeboard from deck line	<u>2.0 1/2</u>
Summer " " " "	<u>1.10 3/4</u>
Indian Summer " " " "	<u>1.9</u>
N. A. Winter " " " "	<u>2.3 1/2</u>

RD 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	" " "	...

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.

skin planking, or ceiling are of unusual thickness the breadth of vessel to inside should be reported if possible.
When 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.

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

To what height do the Reverse Frames extend? *Bull-angle framing*

Has the ~~Poop~~ 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~~ 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? *.30* and Coaming plate? *.30*

Give scantlings and spacing of the Stiffeners *6 x 3 x .52 Bull-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? *no openings*

Is the Forecastle at least as high as the main or top-gallant rail? *no* 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? *yes*

Give thickness of plating; scantlings and spacing of Stiffeners

What is the height of the exposed Casings? *2'6" above R.Q.D.* 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 20 of the Rules for 1904-5? Give particulars below: *yes*

Position and Size.	No. 1 FOR 26'3" x 20'6" - 17'6"		No. 2 FOR 28'0" x 20'6"		No. 3 AFT 39'3" x 20'6"		Ship.	Rule.	Ship.	Rule.
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.				
COAMING										
Height above top of DECK	42"	36"	42"	36"	36"	36"				
Thickness	Sides	.50	.50	.50	.50	.50				
	Ends	.44	.44	.44	.44	.44				
SHIFTING BEAMS OR WEB PLATES.	Number	5	5	5	5	7				
	Section and Scantlings	PLATE 18" x 34" ANGLES 4 x 3 x .44	PLATE 18" x 34" ANGLES 4 x 3 x .44	PLATE 18" x 34" ANGLES 4 x 3 x .44	PLATE 18" x 34" ANGLES 4 x 3 x .44	PLATE 18" x 34" ANGLES 4 x 3 x .44				
	Material	STEEL	STEEL	STEEL	STEEL	STEEL				
* FORE AND AFTERS.	Number			NO FORE & AFTERS.						
	Section and Scantlings									
	Material									
HATCHES Thickness	3"	3"	3"	3"	3"	3"				
Remarks	SATISFACTORY		SATISFACTORY.		SATISFACTORY.					

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(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

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. }

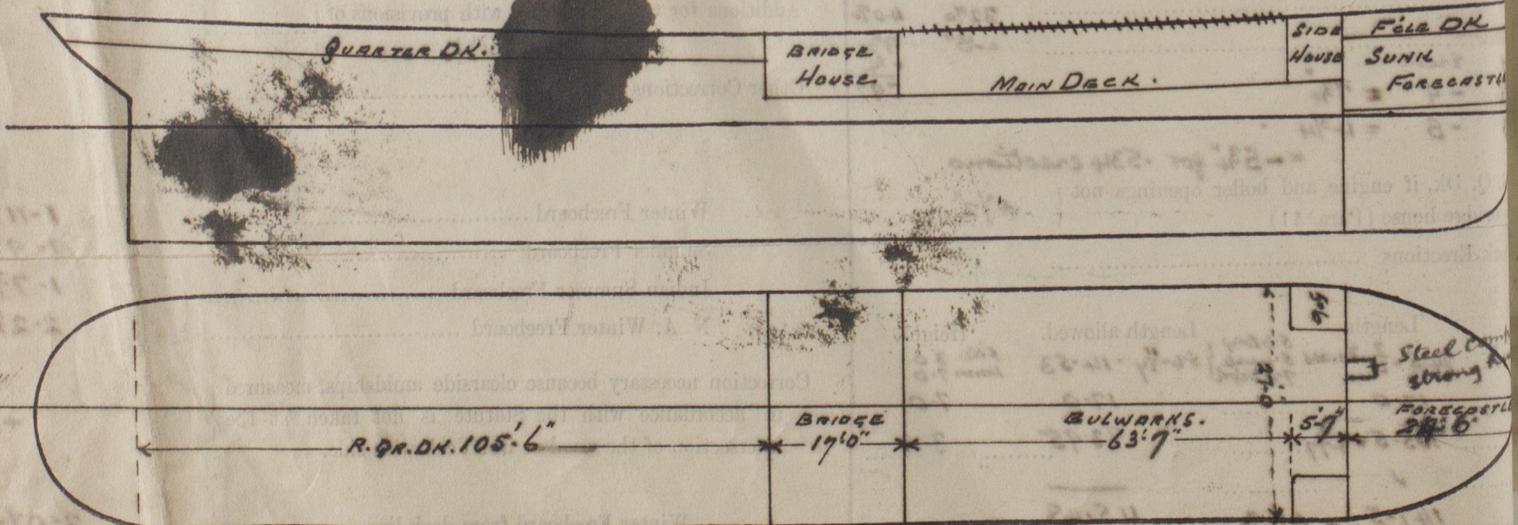
Length of Bulwarks in well *63'7"*

Area of Freeing Ports required by Para. 11 (a) each side of vessel = *12'84"* Sq. ft.

Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = *15'47"* Sq. ft.

CIRCULAR ENDS. *2.66 x 1.5 x 1*

Total deficiency or excess = *2'60"* 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 *ordinary floors in way of boilers*

Plans of Midship Section & Profile are enclosed

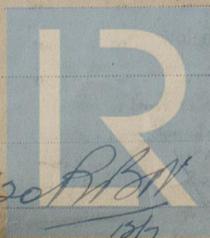
Owners

Address

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