

3064  
Index No. (For London Office only.)  
Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.—STEAM SHIPS.

RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH  
FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR  
FRONT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS,  
CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey London  
Date of Survey 28<sup>th</sup> Sept 1922 etc.  
Name of Surveyor James Daglish

Ship's Name REE. EX. ATLAS. Port of Registry and Nationality. LIVERPOOL. Official Number. 145981 Gross Tonnage. 1172.82. Date of Build. 1920 Particulars of Classification. 100 A.1.

Register Book

	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
Length on LOADLINE.	221.0	34.25	14.6	880
CORRECTED DIMENSIONS.	220.0	33.83	15.41	880

Co-efficient of fineness..... .77  
Any modification necessary } C.D.B.  
[Para. 4 (a) to (e)]\* }  
Co-efficient as corrected ..... .75

Sheer { Stem..... 8.3 } 118 ÷ 2 = 59. ...Mean 61.81  
at { Sternpost 3.5 } 36 129.81  
Sheer at  $\frac{1}{2}$  of the length from { Stem 4.9 } 68 ÷ 2 = 34 ...Mean 61.81  
{ Sternpost 1.9 } ÷ 55 = 61.81  
Gradual mean Sheer ..... 60.4  
Standard mean Sheer [Table, Para. 18] ..... 32.0 Correction  
Difference..... 28.4 ÷ 4 = 7.1  
§ If limited as Para. 18 (f) ..... -7"

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

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

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C..... 0-8 $\frac{3}{4}$ "  
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) } 2-3 $\frac{1}{4}$ "  
Difference ..... 1-6 $\frac{1}{2}$ "  
Percentage as below..... 54.7  
- 10.12  
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } + .65  
Allowance for Deck Erections ..... 9.47  
- 9 $\frac{1}{2}$ "

	Length.	Length allowed.	Height.
Forecastle.....	<u>21-3"</u>	<u>21.25</u>	<u>7.5</u>
Bridge House .....	<u>13<math>\frac{1}{2}</math>"</u>	<u>132.33</u>	<u>7.6</u>
† Raised Qr. Dk.....	<u>119.25</u>		<u>3-10</u>
Poop.....			
Total .....		<u>153.58</u>	<u>698</u>
Length of Ship .....		<u>220.0</u>	
Corresponding percentage (Para. 11, 12, 13, or 14) }	<u>54.7%</u>		

FREEBOARD recommended amidships from centre of Disc  
Fresh Water Line a)  
Indian Summer Line  
Winter Line b)  
Winter North Atlantic Line

If the frames, skin planking, or ceiling are of unusual thickness the breadth of ceiling should be reported if possible.  
Vessels obtaining an allowance for deck erections under Para. 11 where the sheer is measured from the level of the R.Q.D. is to be taken from the level of the top of the amidships.  
Vessels having poops and forecastles, it means the sheer measured at the points distant of the vessel's length from stem and stern-post.

Moulded Depth as measured..... 16.6"  
Addition for Keel below base line for draught record..... 1 $\frac{1}{2}$ " inches.

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 220  
Length in Table ..... 198  
Difference ..... 22  
Correction for 10ft., Table A. .... 1.0 Table C.  
× Difference divided by 10 ..... 2.2 (if required.)  
If  $\frac{1}{10}$ ths length covered divide by 2 1.1 + 1"

CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered ..... .698  
Thickness of usual wood deck, less stringer ..... 3 - 3"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 34.0  
Round of Beam ..... 7 $\frac{1}{2}$   
Normal round..... 8 $\frac{1}{2}$   
Difference ..... 1.5 ÷ 2 = .75  
Proportion of Deck uncovered (Para. 19) ..... .302 .23 +  $\frac{1}{4}"$

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

Freeboard, Table A ..... 2-10 $\frac{1}{4}"$   
Correction for Sheer ..... 7  
2-3 $\frac{1}{4}$ "  
Correction for Length ..... 1  
2-4 $\frac{1}{4}"$   
Allowance for Deck Erections ..... 9 $\frac{1}{2}$   
1-6 $\frac{3}{4}$ "  
Correction for Round of Beam..... 1 $\frac{1}{4}$   
1-7  
Correction for fall in Sheer (if any)..... ✓  
Correction for Iron Deck (if required) ..... -3  
1-4  
Additions for non-compliance with provisions of Para. 11 (d) and (e) †  
Other Corrections (if any) ..... 3-10  
5-2

NV 8.12.22 Winter Freeboard ..... 5-2"  
4.11.22 Summer Freeboard ..... 2 $\frac{1}{4}$  4-11 $\frac{3}{4}$ "  
Indian Summer Freeboard ..... 4-9 $\frac{1}{2}$ "  
N. A. Winter Freeboard ..... 3 $\frac{1}{2}$  5-5 $\frac{1}{2}$ "

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 $\frac{1}{2}$ "

Winter Freeboard from deck line ..... 5-3 $\frac{1}{2}"$   
Summer " " " ..... 5-1 $\frac{1}{4}"$   
Indian Summer " " " ..... 4-11  
N. A. Winter " " " ..... 5-7  
Raised Quarter Deck " " " ..... 5-1"

top of Statutory Deck Line, Wood (Iron) Deck :—  
centre of Disc ..... 4  
" " ..... 2  
" " ..... 2 $\frac{1}{2}$   
" " ..... 6

State dimensions of freeing port area on back of this form.  
The Surveyor should state whether the fall in sheer 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.

MARKING MARK  
RECEIVED 6 - AUG 1920

MARKING REPORT  
12.10.22

002232-002240-0049



Do all the Frames extend to the top height in the Poop? ☒ Raised Quarter Deck? *Yes.*

To what height do the Reverse Frames extend? ☒

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

Is the ~~Poop~~ Raised Quarter Deck connected with the Bridge House? *Yes.* Has the Bridge House

Give particulars of the means for closing the openings in Bulkhead

What is the thickness of the Bridge Front plating? *.28* and Coaming plate? *.28*

Give scantlings and spacing of the Stiffeners *4 x 3 x 30 Spaced 30"*

Are bracket plates fitted at each end of the Stiffeners? *No.* Are hor'l. brackets fitted connec

Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes.*

How are the openings closed? ☒

Is the Forecastle at least as high as the main or top-gallant rail? *Yes.* Has the Forecastle an eff

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

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

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.		FORWARD No. 1. 22' 6" x 18' 0"		No. 2. 26' 3" x 18' 0"		COAL HATCH. 3' 9" x 18' 0"	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	36"		42"		42"	
	Sides	48"		48"		48"	
	Ends	44"		44"		44"	
SHIFTING BEAMS OR WEB PLATES.	Number	3 A.		3 A.		None.	
	Section and Scantlings	1 B.		2 B.		3 B.	
	Material	Steel		Steel		Steel	
* FORE AND AFTERS.	Number						
	Section and Scantlings	None.		None.		None.	
	Material						
HATCHES Thickness		3.		3"		3	
Remarks		Paint		Paint		Paint	

\* 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 Rules.

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

Delete the words } The Crew ~~are not~~ are not, berthed in the bridge house. *Deck house aft and in bridge sidehouses*

that do not apply } The arrangements to enable them to get backwards and forwards from their quarters are, ~~not~~ satisfactory.

Length of Bulwarks in well 66' 42"

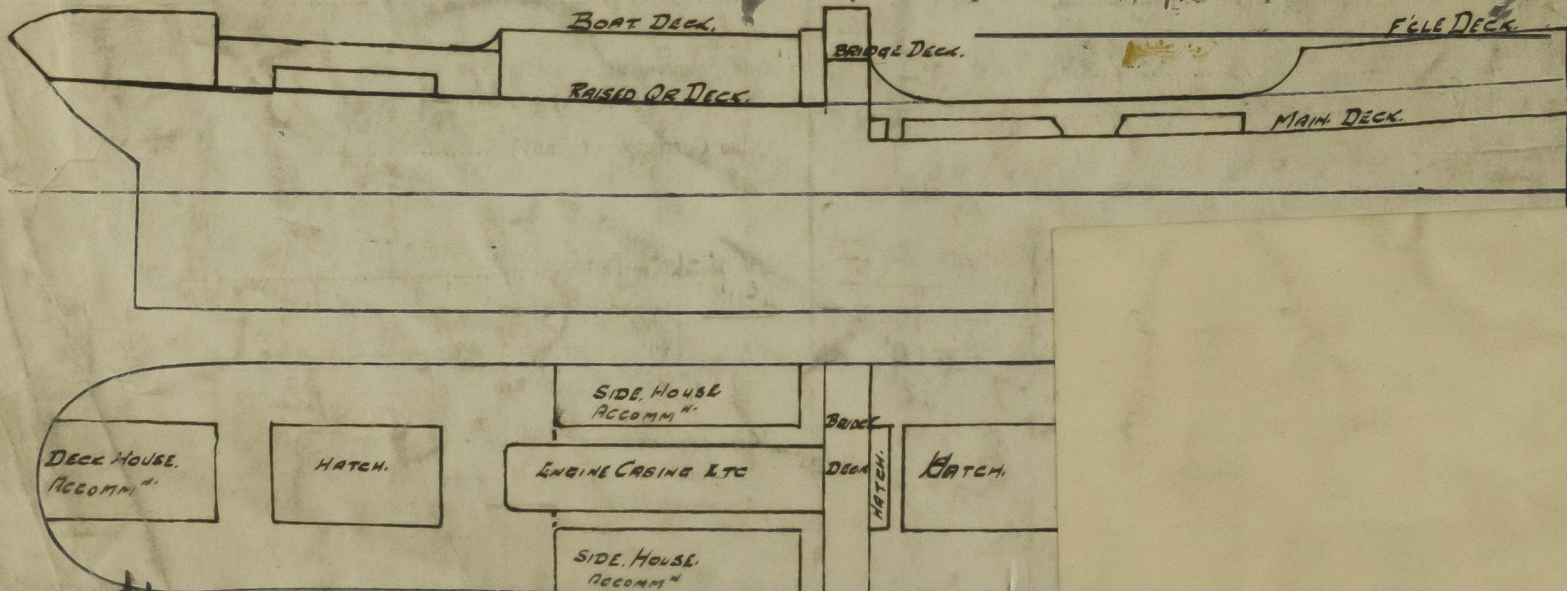
Area of Freeing Ports required by Para. 11 (e) each side of vessel = 13' 28 Sq. ft.

Ft. Tenth. Ft. Tenth. No. Freeing Ports = 18' 0 Sq. ft.

4 0 x 1 5 x 6 A. 3 P. 35 (each side of vessel)

4 0 x 1 5 x 6 A. 3 P. 35

Total deficiency or excess = 4' 72 Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; a

State any special features in the construction of the Vessel

Builder's name and yard number

Names of sister vessels

Owners

Address

Pro £

Received by



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