

Lloyd's Register of 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 *New York*Date of Survey *April 28th 1921*Name of Surveyor *John Mac Lachlan*

Ship's Name

Port of Registry and Nationality.

Official Number.

Gross Tonnage.

Date of Build.

Particulars of Classification.

Number in Register Book

Registered dimensions from Ship's Register.

LENGTH.

BREADTH.

DEPTH.

UNDER DECK TONNAGE.

Moulded Depth as measured..... 38-10 $\frac{1}{4}$

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

Length on LOADLINE.

500

Frame Depth 9.5

Ceiling + 20

Peak 71.10

Addition for Keel below base line

38-7

CORRECTED DIMENSIONS.

500-0

68-18

38-64

10157.14

Co-efficient of fineness.....

.77

Any modification necessary [Para. 4 (a) to (e)]*

Co-efficient as corrected

.77

Shear {Stem..... 10-3 $\frac{1}{2}$ } 15-1 $\frac{1}{2}$ ÷ 2 = 7-6 $\frac{1}{2}$...Mean
at {Sternpost... 4-10 }Shear at $\frac{1}{8}$ of the length from {Stem 3-6 $\frac{1}{2}$ } 5-3 $\frac{1}{2}$ ÷ 2 = 31-62...Mean
{Sternpost 1-8 $\frac{1}{2}$ }

Gradual mean Shear 56.06

Standard mean Shear [Table, Para. 18] 60.0 Correction

Difference..... 3.94 ÷ 4 = +.98

§ If limited as Para. 18 (f)

+ 1

Rise in Shear { At front of bridge house..... }
from amidships { Para. 18 (e) }
{ At after end of forecastle¶ Fall in Shear { }
Para. 18 (d) { } ÷ 2 =

Length uncovered Correction

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.....

Bridge House

† Raised Qr. Dk.....

Poop.....

Total

Length of Ship

Corresponding percentage {

(Para. 11, 12, 13, or 14) }

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~Wood~~ (Iron) Deck:—

14. 6. 21.

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.

RECEIVED 13.6.21

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

To what height do the Reverse Frames extend? Longitudinal framing

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? Has the Forecastle an efficient Iron or Wood Bulk'd. at after end?

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? Enclosed in a Strong Steel house.

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 Coamings 7/16. plating 5/16. Stiffeners 6 x 3 1/2 x .40 spaced 24 apart

What is the height of the exposed Casings? 7-6 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 28 of the Rules for 1904-5? Give particulars below:—

Position and Size.	<u>18' x 16'</u>		<u>22 @ 6-0" x 4-0"</u>		<u>18 @ 6-0" x 3-9"</u>					
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.										
Height above top of DECK	<u>24</u>		<u>30"</u>		<u>30"</u>					
Thickness { Sides.....	<u>7/16</u>		<u>.44</u>		<u>.44</u>					
{ Ends.....	<u>7/16</u>		<u>.44</u>		<u>.44</u>					
SHIFTING BEAMS OR WEB PLATES.										
Number.....	<u>3</u>		<u>Steel plate bolts secured by turnbuckles spaced 15" apart</u>							
Section and Scantlings.....	<u>7 1/2" plate 14 x 7/16</u>									
Material.....	<u>1/2 3 x 3 1/2 x 7/16</u>									
* FORE AND AFTERS.										
Number.....										
Section and Scantlings.....										
Material.....										
HATCHES Thickness.....	<u>3"</u>									
Remarks.....	<u>fitted fore and aft</u>									

* 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 that do not apply { The Crew are, are not, berthed in the bridge house.

{ The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well = Sq. ft.

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

Ft.	Tenths.	Ft.	Tenths.	No.	Freeing Ports (each side of vessel)	=	Sq. ft.
<u>123.5</u>	<u>4</u>	<u>123.5</u>	<u>4</u>				
<u>42.0</u>	<u>4</u>	<u>170.0</u>	<u>4</u>				
<u>2.0</u>	<u>2</u>	<u>4.0</u>	<u>2</u>				
<u>0.0</u>	<u>4</u>	<u>✓</u>	<u>✓</u>				
<u>0.0</u>	<u>2</u>	<u>✓</u>	<u>✓</u>				
<u>0.0</u>	<u>4</u>	<u>✓</u>	<u>✓</u>				
<u>5.0</u>	<u>2</u>	<u>10.0</u>	<u>2</u>				
<u>20.75</u>	<u>4</u>	<u>83.0</u>	<u>4</u>				
<u>58.0</u>	<u>1</u>	<u>58.0</u>	<u>1</u>				
		<u>81448.5</u>					
		<u>56.08</u>					

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 There are no tonnage openings on the shelter deck

And no scuppers, sidelights or other openings through vessel side to affect the position of the load line disc

Owners Standard oil Coy of New Jersey

Address 26 Broadway New York City

Fee £ 130 00/100 Received by me will be charges.

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