

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

Date of Survey 9.5.32

Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>SAINT AIDAN</u>	<u>Glasgow</u> <u>British</u>	<u>144208</u>	<u>362</u>	<u>1920-7.</u>	

Number in Register Book

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>141.5</u>	<u>23.85</u>	<u>10.1</u> <u>10.33 1/2 floor</u>	<u>246.75</u>
Length on LOADLINE.	<u>141.5</u>	Frame Depth <u>4 1/2</u> Rule " <u>3</u> " <u>1 1/2</u>	Ceiling <u>4.175</u> Sheer + <u>.16</u>	Peak Tanks
		<u>1 1/2 + 2 = .25</u>		
CORRECTED DIMENSIONS.	<u>141.5</u>	<u>23.6</u>	<u>10.49</u>	<u>246.75</u>

Co-efficient of fineness..... .705Any modification necessary }
[Para. 4 (a) to (e)]*

Co-efficient as corrected

Sheer { Stem..... 38 }
at { Sternpost... 24 1/2 } $62 1/2 \div 2 = 31.25$...MeanSheer at $\frac{1}{2}$ of the length from { Stem 21 }
{ Sternpost 12 } $33 \div 2 = 16.5$...Mean
 $4.55 = 30$ Gradual mean Sheer 30
Standard mean Sheer [Table, Para. 18] 24.5 Correction
Difference..... 5.85 $\div 4 =$ § If limited as Para. 18 (f) - 1 1/2Rise in Sheer { At front of bridge house.....
from amidships { Para. 18 (e) } At after end of forecastle ✓Fall in Sheer }
Para. 18 (d) } $\div 2 =$

Length uncovered ✓ Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 0 - 2 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. 11, 12, 13, and 14) } 1 - 4 3/4Difference 1 - 2
Percentage as below..... 60.25%- 8.43Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
+ .10Allowance for Deck Erections - 8.33

	Length.	Length allowed.	Height.
2197 Forecastle... including wings	<u>24.0</u>	<u>21.97</u>	<u>6.5</u>
200 Bridge House	<u>8.0</u>	<u>8.0</u>	<u>7.0</u>
202 † Raised Qr. Dk.....	<u>81.4</u> <u>3.28</u>	<u>74.1</u>	<u>3.0</u>
Poop.....			
Total		<u>104.07</u>	
Length of Ship		<u>141.5</u>	
Corresponding percentage {			
(Para. 11, 12, 13, or 14) }	<u>60.25%</u>		

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) 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 dual-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.

Moulded Depth as measured..... 11.0Addition for Keel below base line for draught record..... 7 inches. Bar Keel.

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.....	<u>141.5</u>	
Length in Table	<u>132.0</u>	
Difference	<u>9.5</u>	
Correction for 10ft., Table A.	<u>.9</u>	Table C. ✓
× Difference divided by 10	<u>.855</u>	(if required.)
If $\frac{1}{10}$ ths length covered divide by 2	<u>.427</u>	<u>+ 1/2</u>

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ ths length covered	<u>- 2 1/2</u>
Thickness of usual wood deck, less stringer	

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....		
Round of Beam	<u>23.8</u>	
Normal round.....	<u>7</u>	
Difference	<u>6</u>	$\div 2 =$ <u>3</u>
Proportion of Deck uncovered (Para. 19)		<u>.216</u>

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

Freeboard, Table A	<u>1 - 6 1/4</u>
Correction for Sheer	<u>- 1 1/2</u>
	<u>1 - 4 3/4</u>
Correction for Length	<u>1 - 5 1/4</u>
Allowance for Deck Erections	<u>- 8 1/2</u>
	<u>9</u>

Correction for Round of Beam.....

Correction for fall in Sheer (if any).....

Correction for Steel Deck (if required) - 2 1/2
0 - 6 1/2Additions for non-compliance with provisions of {
Para. 11 (d) and (e) † }Other Corrections (if any) Raised Qr. Deck 3 - 0
3 - 6 1/2

Winter Freeboard	<u>3 - 6 1/2</u>
Summer Freeboard	<u>3 - 4 1/2</u>
Indian Summer Freeboard	<u>-</u>
N. A. Winter Freeboard	<u>-</u>

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side.

Winter Freeboard from deck line	
Summer " " " "	
Indian Summer " " " "	
N. A. Winter " " " "	

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11.5.32

† 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 draught or to the line of keel or to the water line. If measured relatively to water line the vessel's draught at time of survey, and also the usual load draft forward and aft should be reported.

Corresponding percentage {
(Para. 11, 12, 13, or 14)

60.25%

Indian Summer " " "
N. A. Winter " " "

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, ~~Wood~~ ^{Raised Quarter} Steel Deck:—

Tropical Fresh Water Line above Centre of Disc ... $4\frac{3}{4}$
Fresh Water Line " " ... $2\frac{3}{4}$
Tropical Line " " ... 2
Winter Line below " " ... 2
Winter North Atlantic Line " " ... $5\frac{1}{4}$

Tropical Fresh Water Freeboard ... $3-4\frac{1}{4}$
Fresh Water " " ... $2-1\frac{1}{2}$
Tropical " " ... $3-1\frac{1}{2}$
Tropical " " ... $3-2\frac{1}{4}$
Winter " " ... $3-6\frac{1}{4}$
Winter North Atlantic " " ... $3-9\frac{1}{2}$

12 MAY 1932

1m, 2, 32.

MARKING FORM
23 APR 1938
RECEIVED

0159 2/2

MARKING FORM JUN 1938
RECEIVED
RECEIVED
JUN 1932
OCT 1932