

SALT NOV. 1919

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# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

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

Port of Survey King's Cross  
Date of Survey 29<sup>th</sup> October, 1919.  
Name of Surveyor W.W.Cole

No 577

Ship's Name. St. Helena Port of Registry and Nationality. London British Official Number. 143778 Gross Tonnage. 413.89 Date of Build. 1919. Particulars of Classification. A.1. For Towing Purposes.

REGISTERED LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<u>135.3</u>	<u>29.1</u>	<u>13.65</u>	<u>369.44</u>
Length on PLANE.	Frame Depth <u>6"</u> Rule <u>3 1/2"</u>	Ceiling <u>no + 20</u> Sheer <u>+ 63</u>	Peak Tanks
	<u>no + 25</u>	<u>15.85</u>	
RECTED DIMENSIONS.	<u>134.85</u>	<u>28.93</u>	<u>369.44</u>

Moulded Depth as measured..... 16.0 16.2  
Wood deck less stringer 3  
15.11 To use  
Addition for Keel below base line for draught record..... 6 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..... 134.83  
Length in Table ..... 191.0  
Difference ..... 56.17  
Correction for 10ft., Table A. .... 1.0 Table C. .5  
× Difference divided by 10 ..... - 5 1/2 (if required.) - 2 3/4  
If 1/10ths length covered divide by 2

CORRECTION FOR IRON DECK.  
Proportion covered, if less than 1/10ths length covered .....  
Thickness of usual wood deck, less stringer .....  
allowed in moulded depth.

CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships..... 28.0  
Round of Beam ..... 7"  
Normal round..... 7"  
Difference ..... ✓ ÷ 2 = .....  
Proportion of Deck uncovered (Para. 19) .....

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

efficient of fineness..... .60  
any modification necessary {  
[Para. 4 (a) to (e)]\*  
efficient as corrected ..... lowered .68  
Sheer { Stem..... 64.66" 92  
at { Sternpost..... 28.30" 96 ÷ 2 = 46 ... Mean 46.36  
28.30" 96 ÷ 2 = 46 ... Mean 46.36  
28.30" 96 ÷ 2 = 46 ... Mean 46.36  
Sheer at 1/3 of the length from { Stem..... 38.5 51 ÷ 2 = 44.75 ... Mean 44.75  
Sternpost..... 12.5 45 ÷ 2 = 29 ... Mean 29  
gradual mean Sheer .....  
andard mean Sheer [Table, Para. 18] ..... 15.95 Correction  
Difference..... 14.65 ÷ 4 =  
If limited as Para. 18 (f)..... 15.95 ÷ 4 = - 2

Rise in Sheer { At front of bridge house.....  
om amidships {  
Para. 18 (e)] { At after end of forecastle 25" 21

Fall in Sheer {  
Para. 18 (d) { 2 ÷ 2 = 1  
Length uncovered ..... Correction +1

ALLOWANCE FOR DECK ERECTIONS :—  
Freeboard, Table C..... 0 7 3/4  
Correction for Length, if required (Para. 12, 13, and 14) ..... - 2 3/4  
Freeboard by Table A, corrected for shear and for length, if required (Para. 12, 13, and 14) ..... 2 1 1/4  
Difference ..... 1 9  
Percentage as below..... 9.12%  
= 2"

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.....	<u>32.0</u>	<u>32</u>	<u>7.5</u>
Bridge House .....			
Raised Qr. Dk.....			
Total .....	<u>32.0</u>	<u>32</u>	<u>7.5</u>
Length of Ship .....	<u>134.83</u>		
Responding percentage { Para. 12, 13, or 14) { <u>13.2</u> × <u>6/10</u> = <u>9.12</u>			

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :—  
Fresh Water Line above centre of Disc ..... 3 1/2  
Indian Summer Line " " " ..... 1 1/2  
Winter Line below " " ..... 1 1/2  
Winter North Atlantic Line " " " ..... 1 1/2

Freeboard, Table A ..... 2 6 3/4  
Correction for Sheer ..... - 2  
Correction for Length ..... - 5 1/2  
Allowance for Deck Erections ..... - 2  
Correction for Round of Beam..... ✓  
Correction for fall in Sheer (if any)..... + 1  
Correction for Iron Deck (if required) allowed in M.D.  
Additions for non-compliance with provisions of {  
Para. 11 (d) and (e) ‡ ..... + 3  
Other Corrections (if any) Scantlings ..... 2 1 1/4

Winter Freeboard ..... 2 1 1/4  
Summer Freeboard ..... 1 11 3/4  
Indian Summer Freeboard ..... -  
N. A. Winter Freeboard ..... -  
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood ✓ iron deck with side. 1 1/4

Winter Freeboard from deck line ..... 2 2 1/2  
Summer " " " ..... 2 1  
Indian Summer " " " ..... -  
N. A. Winter " " " ..... -

Frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside ceiling should be reported if possible.  
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 vessels having poops and forecastles, it means the sheer measured at points distant 1/10th 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.

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