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## Lloyd's Register of Shipping

## SURVEYS FOR FREEBOARD - STEAMERS

(Under the Provisions of the U. S. A. Load Line Act of March 2, 1929)

New York Office Index No. ....

Port of Survey. ....

Date of Survey. ....

Name of Surveyor. ....

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
NEW YORK	BOSTON U.S.A.	216767	5458	1918-8	#100 A1
Builder... New York, N. Y. Corp.	Hull No... 198				
Moulded dimensions 577.35 × 59 × 34.42 (85% = 29.86)					
Moulded displacement at a moulded draught of 85 per cent. of moulded depth. 15320 tons					
Efficient of fineness for use with tables. .763					

FREEBOARD.		CORRECTION FOR DEPTH.		CAMBER	
Standard	59 × 12 / 50 = 13.20	(a) When D is greater than $\frac{L}{15}$		Ship	13.75
Ship		$(D - \frac{L}{15}) \times R = (34.42 - \frac{577.35}{15}) \times 2.905 = -27.08$		Difference	.55
		(b) When D is less than $\frac{L}{15}$ (if allowed).		Restricted to	
		$(\frac{L}{15} - D) \times R = \dots$		Allowance = $\frac{\text{Difference}}{2} \times (1 - \frac{S_1}{L}) = -0.09$	
Depth D =	34.42	If restricted by height of superstructures			

## SUPERSTRUCTURES.

Mean Covered Length S	Effective Length S <sub>1</sub> (Uncorrected for Height)	Height.	Correction for Height.	Effective Length.
26.50	26.50	8 ft.	-	26.50
67.30	67.30	8 ft.	-	67.30
51.00	51.00	8 ft.	-	51.00
153	153			153

TOTAL =	577.35	577.35	577.35
Length of ship (L) =	59.85	54.71	54.71
Covered... =	19.0055	23.0055	22.896
Corrected for A =	10.49	B =	22.896
Allowance =			

## SHEER.

Actual Sheer.	Standard Sheer.	Allowed Sheer.	S. M.	Products.
1.70	1.70	1.70	1	1.70
1.70	1.70	1.70	4	6.80
1.70	1.70	1.70	2	3.40
1.70	1.70	1.70	4	6.80
1.70	1.70	1.70	2	3.40
1.70	1.70	1.70	4	6.80
1.70	1.70	1.70	1	1.70

If excess sheer forward and deficient sheer aft:—

$$\frac{\text{Actual sheer aft}}{\text{Standard sheer aft}} =$$

$$\frac{\text{Actual sheer forward}}{\text{Standard sheer forward}} =$$

$$\frac{\text{Length of enclosed superstructure}}{L} =$$

$$\text{Forward of amidships} =$$

$$\text{Aft of amidships} =$$

$$\frac{19.0055}{577.35} = 0.00329$$

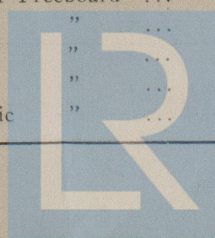
AFTS.	F. W. ALLOWANCE	TABULAR FREEBOARD (corrected for flush deck if required) =	64.60
Displacement =		Corrected for Coefficient $\frac{.768 \cdot 68}{1.36} = 1.448$	68.78
Tons per inch =		Correction for Depth ... 27.08	
		" Superstructures ... 9.27	
		" Sheer ... 6.99	
		" Camber ... .09	
		" Thickness of deck ... .99	
		" Scantlings, etc. To correspond with present BOT assignment	
		34.07 10.35 + 23.72	
		Summer Freeboard =	92.50 ✓

FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel,

Deck:—

Tropical Fresh Water Line (above center of Disc)  
Fresh Water Line " " "  
Tropical Line " " "  
Winter Line (below " " )  
Winter North Atlantic Line " " "

Tropical Fresh Water Freeboard ...  
Fresh Water " ...  
Tropical " ...  
Winter " ...  
Winter North Atlantic " ...



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