

# 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. 26038

Port of Survey *Baltimore, Md.*Date of Survey *Dec. 11, 1931, Jan. 20, 1932*Name of Surveyor *A. Haster*

Ship's Name. *ing Gulf* Port of Registry and Nationality. *Boston U.S.A.* Official Number. *216767* Gross Tonnage. *5438* Date of Build. *1918-8* Particulars of Classification. *+100A1.*

Register Book... *386.94.*Builder... *New York L.B. Corp.*ed dimensions *377.33 × 55.0 × 34.42* (85% = *29.26*)Hull No. *192*ed displacement at a moulded draught of 85 per cent. of moulded depth *13,320 tons*cient of fineness for use with tables. *768*

## FREEBOARD.

## CORRECTION FOR DEPTH.

## CAMBER

...	...	34.42	(a) When $D$ is greater than $\frac{L}{15}$		Standard $\frac{55}{50} \times 12 = \dots$	13.20.
( $\frac{3}{4}$ )	...	.06	$(D - \frac{L}{15}) \times R = \frac{(34.42 - 25.15) \times 2.903}{9.33} = +27.08$		Ship ...	13.75.
...	...	✓	(b) When $D$ is less than $\frac{L}{15}$ (if allowed)		Difference ...	.55
...	...	✓	$(\frac{L}{15} - D) \times R = \dots$		Restricted to ...	✓
Depth $D =$	...	34.48	If restricted by height of superstructures	✓	Allowance = $\frac{\text{Difference}}{4} \times (1 - \frac{S}{L}) = -0.09$	

## SUPERSTRUCTURES.

Mean Covered Length S.	Effective Length S. (Uncorrected for Height)	Height.	Correction for Height.	Effective Length.
26.50	26.50	8 ft	✓	26.50
67.50	67.50	8 ft	✓	67.50
8.00	6.00	8 ft	✓	6.00
31.00	31.00	8 ft	✓	31.00

\* Fawker allowance + 7 lbs on 7% steel hatch, covers gangway etc

Total =  $\frac{133.00}{377.33}$   $\frac{131.00}{377.33}$   $\frac{131.00}{377.33}$   
 th of ship (L) =  $\frac{377.33}{377.33}$   
 covered... =  $\frac{35.25\%}{34.71\%}$   
 corrected for } A = ✓  
 if required }  
 ance ... =  $\frac{40.49}{\times .2571} = -10.41$

## SHEER.

al Sheer.	Standard Sheer.	Allowed Sheer.	S. M.	Products.
6.75	47.73	16.75	1	16.75
1.70	21.00	1.70	4	6.80
.40	5.25	.40	2	.80
5.85	10.50	5.85	4	11.70
3.40	42.00	23.40	2	93.60
1.00	95.46	81.00	4	81.00

If excess sheer forward and deficient sheer aft:—

Actual sheer aft  
Standard sheer aft =

Actual sheer forward  
Standard sheer forward =

Length of enclosed superstructure  $\frac{73.50}{377.33} = 19.48\%$

Forward of amidships =

Aft of amidships =

18)  $\frac{210.65}{11.70}$   
 $\frac{23.87}{12.17}$   
 $\frac{75 - \frac{S}{L}}{2} = 12.17(75 - 176)$   
 it of amidship superstructure = ✓  
 it of excess sheer (1½ in. per 100 ft.) = ✓

## AFTS.

## F. W. ALLOWANCE

## TABULAR FREEBOARD

(corrected for flush deck if required) =

34' - 5"	Displacement =	Corrected for Coefficient $\frac{7.68 + .68}{1.36} = \frac{1.448}{1.36}$	52.14
$\frac{34}{34}$	Tons per inch =	Correction for Depth ...	55.51
34' - 5¾"	✓	Superstructures ...	
6' - 7"	40 × =	Sheer ...	
27' - 10¾"		Camber ...	
se line 2½"		Thickness of deck ...	
28' - 1¼"		Scantlings, etc. ...	
		Summer Freeboard =	79.08

Amended  
 Comparison

FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, upper Deck:—  
 Tropical Fresh Water Line (above center of Disc) Tropical Fresh Water Freeboard ... 6'-7"  
 Fresh Water Line " " " 7½" Fresh Water " ... 5'-11¼"  
 Tropical Line " " " 7" Tropical " " ... 7'  
 Winter Line (below " " " 7" Winter " " ... 7'  
 Winter North Atlantic Line " " " Winter North Atlantic " ... 7'

And only whilst engaged in the carriage of coal in bulk between Chesapeake Bay, Va. & Puerto Rico Bay, the distance off shore at no time to exceed 100 miles.



