

Report No.

Index No. 33210  
(For London Office only.)

# Lloyd's Register Shipping.

## SURVEYS FOR FREEBOARD-STEAMERS.

Port of Survey Glasgow  
Date of Survey  
Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
THE VICEROY.	Glasgow British	160243	✓	1929	+ 100 A1
Number in Register Book					

Moulded dimensions 195' x 30.25' x 14.14'  
Moulded displacement at a moulded draught of 85 per cent. of moulded depth 1498  
Coefficient of fineness for use with tables .438

### DEPTH FOR FREEBOARD.

Moulded depth	...	14.14
Stringer plate	...	.04
Sheathing in wells $T \left( \frac{L-S}{L} \right) =$	...	-
Depth D =	...	14.21

### CORRECTION FOR LENGTH.

(a) When D is greater than  $\frac{L}{15}$   
 $(D - \frac{L}{15}) \times R = (14.21 - 13.00) \times 1.5 = + 1.81$   
 (b) When D is less than  $\frac{L}{15}$  (if allowed).  
 $(\frac{L}{15} - D) \times R = ...$   
 If restricted by height of superstructures ...

### SUPERSTRUCTURES.

	Mean Covered Length S.	Equivalent Enclosed Length S <sub>1</sub> .	Height.	Correction for Height.	Effective Length.
Poop enclosed	...	...	...	...	...
„ overhang	...	...	...	...	...
R.Q.D. enclosed	110.5'	110.5'	4.0	-	110.5'
„ overhang	...	...	...	...	...
Bridge enclosed	10.40	10.40	4.5	-	10.40
„ overhang aft	...	...	...	...	...
„ overhang forward	...	...	...	...	...
F'cle enclosed	30.0	24.31	4.25	-	24.31
„ overhang	...	...	...	...	...
Trunks forward	...	...	...	...	...
„ aft	...	...	...	...	...
Tonnage opening	...	...	...	...	...

TOTAL = 150.90 148.21 148.21  
 Length of ship (L) = 195.0 195.0 195.0  
 % Covered ... = 44.39 46.01 46.01  
 Corresponding %, corrected for absence of forecastle if required } A = . B = 40.39  
 Correction for Bridge less than  $\frac{1}{2}L$  if required } ✓  
 Allowance ... = 25.5' x .4039 = -14.95'

### SHEER.

Station.	Actual Sheer.	Standard Sheer.	Allowed Sheer.	S. M.	Products.
A.P. 1	30.0	29.50	30.0	1	30.0
2	16.5	16.59	16.5	4	66.0
3			4.32	2	14.64
4			1.83	4	4.32
5			3.48	4	13.92
6			13.92	2	27.84
F.P. 7	31.85	33.19	31.35	4	125.40
	54.0	59.0	54.0	1	54.0

If excess sheer forward and deficient sheer aft :—

Actual sheer aft = Deficient  
 Standard sheer aft  
 Actual sheer forward = Deficient  
 Standard sheer forward

Length of enclosed superstructure L

Forward of amidships = } ✓  
 Aft of amidships = }

Mean effective sheer ... = 24.26  
 Standard sheer .05L + 5 = 14.45  
 Difference (Df) ... = .49  
 Allowance =  $Df \times \left( .75 - \frac{S}{2L} \right) = .49 \times (.75 - .384) = + .14$   
 If limited on account of amidship superstructure ... = ✓  
 If limited on account of excess sheer (1½ in. per 100 ft.) ... = ✓

### ROUND OF BEAM.

Standard	...	4.26
Ship	...	4.50
Difference	...	.24
Restricted to	...	...
Allowance = $\frac{\text{Difference}}{4} \times \left( 1 - \frac{S}{L} \right) =$	...	.24 x .24 = .01
	14.21	53.22
	4.00	3.40
	18.21	58.62
	4.60	
	4713.61	
	3.40	

### TABULAR FREEBOARD (corrected for flush deck if required) = 22.25'

Corrected for Coefficient	.738 + .68 1.36	= 1.043	= 23.20'
Correction for Length	...	1.81	14.95'
„ Superstructures	...	...	...
„ Sheer	...	.14	.01
„ Round of beam	...	...	...
„ Thickness of deck	...	48.00	...
„ Scantlings, etc.	...	...	...
„ Statutory deck line	...	...	...
	49.98	14.96	+ 32.02
Summer Freeboard =			5'5.22

### FREEBOARD 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	„	...

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~~none~~

London letter