

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD-STEAMERS.

Index No. 33220

(For London Office only.)

Port of Survey

Date of Survey

16/2/31

Name of Surveyor

Particulars of Classification.

+ 100 A. 1.

Ship's Name.

David Stoke

Port of Registry and Nationality.

Official Number.

Gross Tonnage.

Date of Build.

1929

* Number in Register Book

Moulded dimensions 145'0" x 26'5" x 12'5"

Moulded displacement at a moulded draught of 85 per cent. of moulded depth

Coefficient of fineness for use with tables

Not yet received

DEPTH FOR FREEBOARD.

Moulded depth	...	...	...	...	12'5"
Stringer plate	...	...	...	...	.03
Sheathing in wells $T \left(\frac{L-S}{L} \right) =$	...	...	...	...	-
Depth D =	...	...	...	...	12'53

CORRECTION FOR LENGTH.

(a) When D is greater than $\frac{L}{15} = 9.67$

$$\left(D - \frac{L}{15} \right) \times R = (12.53 - 9.67) \times 2.86 = 2.86$$

+ 3.19

(b) When D is less than $\frac{L}{15}$ (if allowed).

$$\left(\frac{L}{15} - D \right) \times R = \dots$$

If restricted by height of superstructures

SUPERSTRUCTURES.

	Mean Covered Length S.	Equivalent Enclosed Length S ₁ .	Height.	Correction for Height.	Effective Length.
Poop enclosed
" overhang
R.Q.D. enclosed	45'5"	45'5"	3'6"	✓	45'5"
" overhang
Bridge enclosed
" overhang aft
" overhang forward
F'cle enclosed	17'10"	17'10"	4'0"	✓	17'10"
" overhang
Trunks forward
" aft
Tonnage opening

TOTAL =

62'6"

62'6"

62'6"

Length of ship (L) =

145'0"

145'0"

% Covered ... =

43.2

43.2

145'0"

43.2

Corresponding %, corrected for absence of forecastle if required

A = 26.3

B =

Correction for Bridge less than 2L if required

Allowance ... =

20.5

x .263

= - 5.39

Bridge not fitted

SHEER.

Station.	Actual Sheer.	Standard Sheer.	Allowed Sheer.	S. M.	Products.
A.P. 1	14'0"	24'5"	14'0"	1	14'0"
2	4'74	...	4'74	4	18'9"
3	1'18	...	1'18	2	2'4"
4	0	...	0	4	0
5	3'35	...	3'35	2	6'4"
6	13'4	...	13'4	4	53'6"
F.P. 7	36'0	49'0	36'0	1	36'0"

If excess sheer forward and deficient sheer aft :-

Actual sheer aft

Standard sheer aft

Actual sheer forward

Standard sheer forward

Length of enclosed superstructure

L

Forward of amidships

Aft of amidships

Mean effective sheer ...	18)	131'6"
Standard sheer .05L + 5 =	=	7'31"
Difference (Df) ...	=	12'25"
Allowance = $Df \times \left(.75 - \frac{S}{2L} \right) =$	=	4'94"
If limited on account of amidship superstructure	=	+ 2'62"
If limited on account of excess sheer (1½ in. per 100 ft.)	=	

ROUND OF BEAM.

Standard	...	6'36"
Ship	...	4'0"
Difference	...	.64
Restricted to	...	
Allowance = $\frac{\text{Difference}}{4} \times \left(1 - \frac{S}{L} \right) =$		.16 x .56 = .09

TABULAR FREEBOARD (corrected for flush deck if required) =

Corrected for Coefficient $\times \frac{+68}{1.36} =$

Correction for Length

Superstructures

Sheer

Round of beam

Thickness of deck

Scantlings, etc.

Statutory deck line

+

3'19"

2'62"

6'41"

5'48"

+

1'23"

Summer Freeboard =

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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

Winter North Atlantic Line

below

"

"

"

"

"

"

Lloyd's Register Foundation

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