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Rpt. C.11.

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

Index. No. 34489
(For London Office only.)

Computation of Freeboard for Steamer, Sailing Ship, Tanker

having Flush deck F.S.

(Type of Superstructures.)

Ship's Name Lab Shaw Proposal Nationality and Port of Registry Passenger Motor Ship Official Number Gross Tonnage Date of Build

ded Dimensions: Length 465 Breadth 64 Depth 140

ded displacement at moulded draught = 85 per cent. of moulded depth

icient of fineness for use with Tables 74

Port of Survey

Date of Survey 8. 2. 34

Name of Surveyor

Particulars of Classification 100% with 100% compliance

Depth for Freeboard (D)

depth 40.00

plate05

on exposed deck

$(L-S) =$

Depth for Freeboard (D) = 40.05

Depth correction

(a) Where D is greater than Table depth
(D-Table depth) R = $(40.05 - 3.05) 3.05$
9.05 = +27.15

(b) Where D is less than Table depth (if allowed)
(Table depth-D) R =

If restricted by superstructures ✓

Round of Beam correction

Moulded Breadth (B)

Standard Round of Beam = $\frac{B \times 12}{50} =$

Ship's Round of Beam = Standard

Difference

Restricted to

Correction = $\frac{\text{Diff}^{\circ}}{4} \times (1 - \frac{S_1}{L}) =$

DEDUCTION FOR SUPERSTRUCTURES.

	Mean Covered Length (S)	Equivalent Enclosed Length (S ₁)	Height	Height Correction	Effective Length (E)
enclosed ...					
overhang ...					
D. enclosed					
overhang					
ge enclosed...					
overhang aft					
overhang forward					
enclosed ...					
overhang ...					
ak aft ...					
forward ...					
nage opening aft					
" forward					
Total ...					

Standard Height of Superstructure

" " R.Q.D.

Deduction for complete superstructure

Percentage covered $\frac{S}{L} =$

" " $\frac{S_1}{L} =$

" " $\frac{E}{L} =$

Percentage from Table, Line A.
(corrected for absence of forecastle (if required))

Percentage from Table, Line B.
(corrected for absence of forecastle (if required))

Interpolation for bridge less than .2L (if required)

Deduction = Nil

SHEER CORRECTION.

ion	Standard Ordinate	S M	Product	Actual Ordinate	Effective Ordinate	S M	Product
...		1				1	
A.P. ...		4				4	
...		2				2	
s ...		4				4	
F.P. ...		2				2	
...		4				4	
...		1				1	
tal ...							

Mean actual sheer aft =

Mean standard sheer aft =

Mean actual sheer forward =

Mean standard sheer forward =

Length of enclosed superstructure forward of amidships =

" " aft of " =

ection = $\frac{\text{Difference between sums of products}}{18} \left(.75 - \frac{S}{2L} \right) =$ Nil

imited on account of midship superstructure.

If limited to maximum allowance of $1\frac{1}{2}$ ins. per 100 ft.

ion for Tropical Freeboard.	Deduction for Fresh Water.	TABULAR FREEBOARD corrected for Flush Deck (if required)
n for Winter and Winter North	Displacement in salt water at summer load water line	Correction for coefficient
tic Freeboard.	$\Delta =$	
Depth to Freeboard Deck = <u>40.05</u>	Tons per inch immersion at summer load water line	Depth Correction <u>27.15</u>
Summer freeboard = <u>10.24</u>	T =	Deduction for superstructures <u>-</u>
Moulded draught (d) = <u>29.81</u>	Deduction = $\frac{\Delta}{40T}$ inches	Sheer correction <u>-</u>
for Tropical freeboard and addition for		Round of Beam correction <u>-</u>
er freeboard = $\frac{d}{4}$ inches =		Correction for Thickness of Deck amidships <u>-</u>
for Winter North Atlantic Freeboard (if		Other corrections, scantlings, etc. <u>-</u>
red) =		Summer Freeboard = <u>122</u>

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

Tropical Fresh Water Line above Centre of Disc	...	Tropical Fresh Water Freeboard	...
Fresh Water Line	"	Fresh Water	"
Tropical Line	"	Tropical	"
Winter Line	below	Winter	"
Winter North Atlantic Line	"	Winter North Atlantic	"

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