

KT
 10/10/32

See "Redyan" R/R No 10215 for computation

Index No. 10275
 (For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

Computation of Freeboard for Steamer, Sailing Ship, Tanker

having _____ Port of Survey _____

(Type of Superstructures.) _____ Date of Survey 21/1/32

Ship's Name <u>S.S. Jan</u>	Nationality and Port of Registry	Official Number	Gross Tonnage	Date of Build
--------------------------------	----------------------------------	-----------------	---------------	---------------

Name of Surveyor _____

Particulars of Classification _____

Moulded Dimensions: Length _____ Breadth _____ Depth _____

Moulded displacement at moulded draught = 85 per cent. of moulded depth _____ tons

Percentage of fineness for use with Tables _____

Depth for Freeboard (D)	Depth correction	Round of Beam correction
Depth	(a) Where D is greater than Table depth (D - Table depth) R =	Moulded Breadth (B)
Exposed deck (-S) =	(b) Where D is less than Table depth (if allowed) (Table depth - D) R =	Standard Round of Beam = $\frac{B \times 12}{50}$ =
Depth for Freeboard (D) =	If restricted by superstructures	Ship's Round of Beam =
		Difference
		Restricted to
		Correction = $\frac{\text{Diff}^e}{4} \times \left(1 - \frac{S_1}{L}\right)$ =

DEDUCTION FOR SUPERSTRUCTURES.

	Mean Covered Length (S)	Equivalent Enclosed Length (S ₁)	Height	Height Correction	Effective Length (E)
Enclosed					
Overhang					
Enclosed					
Overhang					
Enclosed					
Overhang aft					
Overhang forward					
Enclosed					
Overhang					
ft					
Forward					
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 =

SHEER CORRECTION.

Standard Ordinate	S M	Product	Actual Ordinate	Effective Ordinate	S M	Product
...	1				1	
...	4				4	
...	2				2	
...	4				4	
...	2				2	
...	4				4	
...	1				1	

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 " =

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

on account of midship superstructure.

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

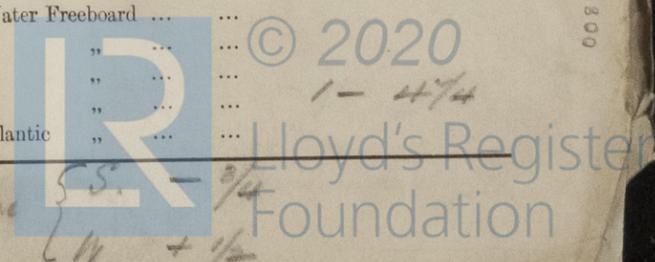
Freeboard for Tropical Freeboard.	Deduction for Fresh Water.	TABULAR FREEBOARD corrected for Flush Deck (if required)
or Winter and Winter North Freeboard.	Displacement in salt water at summer load water line	Correction for coefficient
to Freeboard Deck = Ft.	Δ =	
Freeboard =	Tons per inch immersion at summer load water line	Depth Correction
Moulded draught (d) =	T =	Deduction for superstructures
Tropical freeboard and addition for board = $\frac{d}{4}$ inches =	Deduction = $\frac{\Delta}{40T}$ inches =	Sheer correction
Winter North Atlantic Freeboard (if		Round of Beam correction
		Correction for Thickness of Deck amidships
		Other corrections, scantlings, etc.
		Summer Freeboard =

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 " "

Present Fbds. { Summer 1 - 1/4
 Winter 1 - 3/4

Difference { S. - 3/4
 W. + 1/2



2120-581800-0212 1/4