

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

 Index No. \_\_\_\_\_  
 (For London Office only.)

 Computation of Freeboard for Steamer, Sailing Ship, Tanker  
 having \_\_\_\_\_

Port of Survey \_\_\_\_\_

Ship's Name \_\_\_\_\_

(Type of Superstructures.) \_\_\_\_\_

Nationality and Port of Registry \_\_\_\_\_

Official Number \_\_\_\_\_

Gross Tonnage \_\_\_\_\_

Date of Build \_\_\_\_\_

Date of Survey \_\_\_\_\_

Name of Surveyor \_\_\_\_\_

Particulars of Classification \_\_\_\_\_

 Moulded Dimensions: Length 475.0 Breadth 58.45 Depth \_\_\_\_\_  
 Moulded displacement at moulded draught = 85 per cent. of moulded depth

Coefficient of fineness for use with Tables \_\_\_\_\_

450 assumed. see back tons

## Depth for Freeboard (D)

## Depth correction

(a) Where D is greater than Table depth  
(D - Table depth) R = \_\_\_\_\_(b) Where D is less than Table depth (if allowed)  
(Table depth - D) R = \_\_\_\_\_
(31.64 - 25.12) 3 = - 19.65  
 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 = \_\_\_\_\_

Difference \_\_\_\_\_

Restricted to \_\_\_\_\_

Correction =  $\frac{\text{Diff}}{4} \times \left(1 - \frac{S_1}{L}\right)$  = \_\_\_\_\_

## DEDUCTION FOR SUPERSTRUCTURES.

	Mean Covered Length (S)	Equivalent Enclosed Length (S <sub>1</sub> )	Height	Height Correction	Effective Length (E)
Superstructure enclosed ...					
" overhang ...					
R.Q.D. enclosed ...					
" overhang ...					
Bridge enclosed ...					
" overhang aft ...					
" overhang forward ...					
" enclosed ...					
" overhang ...					
Trunk aft ...					
" forward ...					
Tonnage opening aft ...					
" " forward ...					
Total ...					

Standard Height of Superstructure 4.50

R.Q.D. \_\_\_\_\_

Deduction for complete superstructure 42.00Percentage 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 = - 42.00

## SHEER CORRECTION.

Position	Standard Ordinate	S	M	Product	Actual Ordinate	Effective Ordinate	S	M	Product
... ..		1					1		
A.P. ...		4					4		
" ...		2					2		
ps ...		4					4		
F.P. ...		2					2		
" ...		4					4		
" ...		1					1		
total ...									

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

Limited on account of midship superstructure.

 Mean actual sheer aft = \_\_\_\_\_  
 Mean standard sheer aft = \_\_\_\_\_

 Mean actual sheer forward = \_\_\_\_\_  
 Mean standard sheer forward = \_\_\_\_\_

 Length of enclosed superstructure  $\frac{L}{2}$  forward of amidships = \_\_\_\_\_

" " aft of " = \_\_\_\_\_

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

## Correction for Tropical Freeboard.

## Correction for Winter and Winter North Atlantic Freeboard.

Depth to Freeboard Deck = 25.12 Ft.Summer freeboard = 3.12Moulded draught (d) = 22.00

Correction for Tropical freeboard and addition for

freeboard =  $\frac{d}{4}$  inches = \_\_\_\_\_

Winter North Atlantic Freeboard (if

) = \_\_\_\_\_

## Deduction for Fresh Water.

Displacement in salt water at summer load water line

 $\Delta =$  \_\_\_\_\_

Tons per inch immersion at summer load water line

T = \_\_\_\_\_

Deduction =  $\frac{\Delta}{40T}$  inches = \_\_\_\_\_

## TABULAR FREEBOARD corrected for Flush Deck (if required)

Correction for coefficient \_\_\_\_\_

Depth Correction ...

Deduction for superstructures ...

Sheer correction ...

Round of Beam correction ...

Correction for Thickness of Deck amidships ...

Other corrections, scantlings, etc. ...

Summer Freeboard = 37.53

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

Tropical Fresh Water Line above Centre of Disc ...

Fresh Water Line

Tropical Line

Winter Line

Winter North Atlantic Line

Tropical Fresh Water Freeboard ...

Fresh Water

Tropical

Winter

Winter North Atlantic

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003208-001216-0091



.789 @ 85% of 40.45 ✓

$$85\% \text{ of } \frac{25.08}{26.0} = 21.25 \quad 21.31$$

$$\begin{array}{r} 1.31 \\ 21.25 \\ \hline 40.75 \end{array} = \begin{array}{r} .85 \\ .522 \\ \hline .327 \end{array} \checkmark \times .012 = \begin{array}{r} .489 \\ .039 \\ \hline .039 \end{array} \checkmark$$

450 ✓