

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 _____

(Type of Superstructures.)

 Date of Survey 4/12/82

Ship's Name

Nationality and Port of Registry

Official Number

Gross Tonnage

Date of Build

Hawthorn Leslie N°596

Name of Surveyor _____

 Moulded Dimensions: Length 225 Breadth _____ Depth _____

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

Coefficient of fineness for use with Tables _____

Particulars of Classification _____

Depth for Freeboard (D)

Moulded depth

Upper plate

Nothing on exposed deck

 $T \left(\frac{L-S}{L} \right) =$

 Depth for Freeboard (D) = 16.54

Depth correction

 (a) Where D is greater than Table depth
 (D—Table depth) R = +2.86

 (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 = _____

Difference

Restricted to

 Correction = $\frac{\text{Diff}}{4} \times \left(1 - \frac{S_1}{L} \right) = -0.07$

DEDUCTION FOR SUPERSTRUCTURES.

	Mean Covered Length (S)	Equivalent Enclosed Length (S ₁)	Height	Height Correction	Effective Length (E)
Poop enclosed ...					
" overhang ...					
R.Q.D. enclosed ...					
" overhang ...					
Bridge enclosed ...					
" overhang aft ...					
" overhang forward ...					
Forecastle enclosed ...					
" overhang ...					
Trunk aft ...					
" forward ...					
Tonnage opening aft ...					
" " forward ...					
Total ...					<u>135.00</u>

 Standard Height of Superstructure 6.0

" " R.Q.D. _____

 Deduction for complete superstructure 28.5

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

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

 " " $\frac{E}{L} =$ 60.00

 Percentage from Table, Line A. 46

(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 = 28.5 × 46 = -13.11

SHEER CORRECTION.

Station	Standard Ordinate	S M	Product	Actual Ordinate	Effective Ordinate	S M	Product
... ..		1		<u>22.44</u>	<u>66.00</u>	1	<u>66.00</u> ✓
from A.P. ...		4			<u>29.37</u>	4	<u>117.48</u> ✓
" ...		2			<u>7.26</u>	2	<u>14.52</u> ✓
amidships ...		4			<u>—</u>	4	<u>—</u>
from F.P. ...		2			<u>8.8</u>	2	<u>17.60</u> ✓
" ...		4			<u>35.6</u>	4	<u>142.40</u> ✓
" ...		1			<u>80.00</u>	1	<u>80.00</u> ✓
Total ...			<u>292.47</u>				<u>438.00</u> ✓

 Mean actual sheer aft =
 Mean standard sheer aft =

 Mean actual sheer forward =
 Mean standard sheer forward =

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

" " aft of " =

 Correction = $\frac{\text{Difference between sums of products}}{18} \left(\frac{75-S}{2L} \right) = \frac{145.53}{18} \times 45 = -3.64$ ✓

 If limited on account of midship superstructure. 3.64 - 1.86 ✓

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

Deduction for Tropical Freeboard.

Addition for Winter and Winter North Atlantic Freeboard.

Depth to Freeboard Deck = _____ Ft.

Summer freeboard = _____

Moulded draught (d) = _____

Deduction for Tropical freeboard and addition for

 Winter freeboard = $\frac{d}{4}$ inches = _____

Addition for Winter North Atlantic Freeboard (if required) = _____

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.

+	-
2.86	—
—	13.11 ✓
—	1.86 ✓
—	0.01 ✓
0.24	—
2.90	14.98

 Summer Freeboard = 16.04 ✓

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 below " "

Winter North Atlantic Line " "

Tropical Fresh Water Freeboard

Fresh Water " "

Tropical " "

Winter " "

Winter North Atlantic " "

003252-003262-0038

© 2020

 Lloyd's Register
 Foundation