

Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.

15595

Computation of Freeboard for Steamer, Sailing Ship, Tanker					Port of Survey	
having					Date of Survey	
(Type of Superstructures.)					Name of Surveyor	
Ship's Name		Nationality and Port of Registry	Official Number	Gross Tonnage	Date of Build	
S. MAHOUT				7921		
Moulded Dimensions: Length		Breadth	Depth		Particulars of Classification	
Moulded displacement at moulded draught = 85 per cent. of moulded depth					tons	
Coefficient of fineness for use with Tables						
Depth for Freeboard (D)			Depth correction		Round of Beam correction	
Moulded depth ...			(a) Where D is greater than Table depth (D - Table depth) R =		Moulded Breadth (B)	
Stringer plate ...			(b) Where D is less than Table depth (if allowed) (Table depth - D) R =		Standard Round of Beam = $\frac{B \times 12}{50}$ =	
Sheathing on exposed deck $T \left(\frac{L-S}{L} \right) =$			If restricted by superstructures		Ship's Round of Beam =	
Depth for Freeboard (D) =					Difference	
					Restricted to	
					Correction = $\frac{\text{Diff}^{\circ}}{4} \times \left(1 - \frac{S_1}{L} \right) =$	

DEDUCTION FOR SUPERSTRUCTURES.

	Mean Covered Length (S)	Equivalent Enclosed Length (S ₁)	Height	Height Correction	Effective Length (E)	
*Poop enclosed ...						Standard Height of Superstructure
„ overhang ...						„ „ R.Q.D.
R.Q.D. enclosed ...						Deduction for complete superstructure
„ overhang ...						Percentage covered $\frac{S}{L} =$
Bridge enclosed ...						„ „ $\frac{S_1}{L} =$
„ overhang aft ...						„ „ $\frac{E}{L} =$
„ overhang forward ...						Percentage from Table, Line A. (corrected for absence of forecastle (if required))
Forecastle enclosed ...						Percentage from Table, Line B. (corrected for absence of forecastle (if required))
„ overhang ...						Interpolation for bridge less than 2L (if required)
Trunk aft ...						Deduction =
„ forward ...						
Tonnage opening aft ...						
„ „ forward ...						
Total ...						

SHEER CORRECTION.

Station	Standard Ordinate	S	M	Product	Actual Ordinate	Effective Ordinate	S	M	Product
A.P. ...		1					1		
$\frac{1}{6}L$ from A.P. ...		4					4		
$\frac{2}{6}L$ „ ...		2					2		
Amidships ...		4					4		
$\frac{3}{6}L$ from F.P. ...		2					2		
$\frac{4}{6}L$ „ ...		4					4		
F.P. ...		1					1		
Total ...									

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

If limited on account of midship superstructure.

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

$$T =$$

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

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. ...

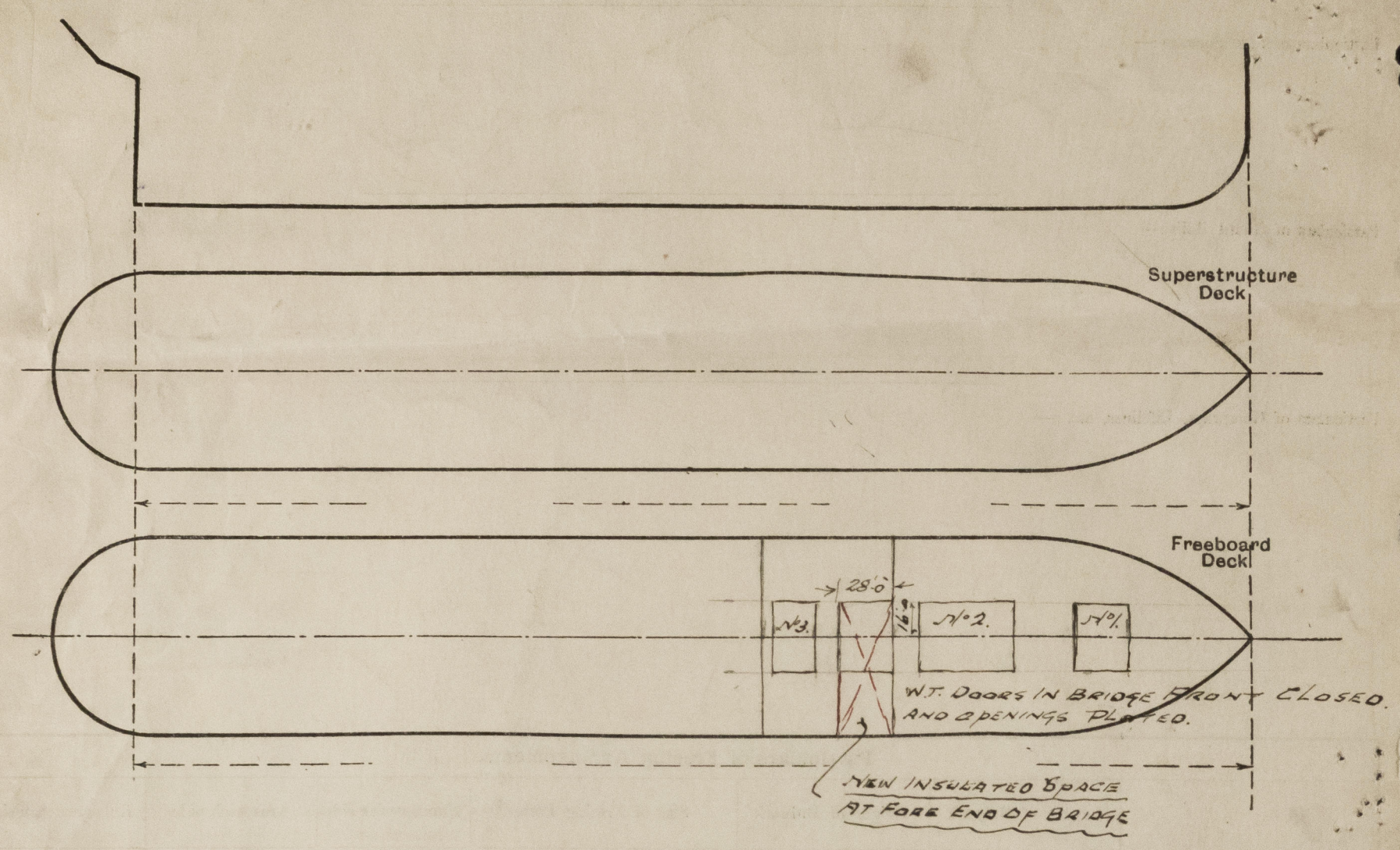
Summer Freeboard =

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 „ „ ...	

Mahout

Superstructure bulkheads, trunks, deckhouses, casings, cargo and coaling hatchways, extent and thickness of sheathing on the freeboard deck, gangway, cargo and coaling ports, and any other openings, etc., which would affect the seaworthiness of the ship are to be shewn on the following sketches:—



State any special features in the construction of the ship:—

Builder's name and yard number _____

Names of sister ships _____

Owners _____

Fee £ _____ : _____ : _____ Received by me _____