

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(COMPUTATION FOR STEAMER, SAILING SHIP, TANKER.)

Ship's Name	Official Number	Nationality and Port of Registry	Gross Tonnage	Date of Build	Port of Survey
S. S. "CONFEDERATION PARK"	175387	CANADIAN MONTREAL	2878	1944	PICTOU, N. S.,
Moulded Dimensions: Length Breadth Depth					Date of Survey
Moulded displacement at moulded draught = 85 per cent. of moulded depth tons					DURING CONSTRUCTION
Coefficient of fineness for use with Tables					Surveyor's Signature
					Particulars of Classification
					100 A1. (Contemplated)

Depth for Freeboard (D).	Depth correction.	Round of Beam correction.
Moulded depth ...	(a) Where D is greater than Table depth (D-Table depth) R = + 10.72 ✓	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 = $\frac{\text{Diff}^e}{4} \times \left(1 - \frac{S_1}{L} \right) = + .02" \checkmark$

DEDUCTION FOR SUPERSTRUCTURES.

	Mean Covered Length (S)	Equivalent Enclosed Length (S _i)	Height	Height Correction	Effective Length (E)
Poop enclosed ...					
.. overhang ...					
R.Q.D. enclosed ...					
.. overhang ...					
Bridge enclosed ...					
.. overhang aft ...					
.. overhang forward ...					
F'cle enclosed ...					
.. overhang ...					
Trunk aft ...					
.. forward ...					
Tonnage opening aft ...					
.. forward ...					
Total ...					

Standard Height of Superstructure

" " R.Q.D.

Deduction for complete superstructure 36.03 ✓

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

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

" " $\frac{E}{L} = 46.21\% \checkmark$

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

Percentage from Table, ~~XXXX~~ TIMBER 66.88 ✓
(corrected for absence of forecastle (if required))

Interpolation for bridge less than 2L (if required)

Deduction = 36.03 x .6688 = 24.10" ✓

SHEER CORRECTION.

Station	Standard Ordinate	S	M	Product	Actual Ordinate	Effective Ordinate	S	M	Product
A.P. ...		1					1		
$\frac{1}{4}L$ from A.P. ...		4					4		
$\frac{2}{8}L$ " ...		2					2		
Amidships ...		4					4		
$\frac{2}{8}L$ from F.P. ...		2					2		
$\frac{1}{4}L$ " ...		4					4		
F.P. ...		1					1		
Total ...									

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 " =

Correction = $\frac{\text{Difference between sums of products}}{18} \left(.75 - \frac{S}{2L} \right) = + 6.26" \checkmark$

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.	Deduction for Fresh Water.	TABULAR FREEBOARD corrected for Flush Deck (if required)
Addition for Winter and Winter North Atlantic Freeboard.	Displacement in salt water at summer load water line	Correction for coefficient
Depth to Freeboard Deck = 25.19 ✓	$\Delta = 6920$ tons.	Depth Correction ... 10.72 ✓
Summer freeboard = 3.48 ✓	Tons per inch immersion at summer load water line	Deduction for superstructures ... 24.10 ✓
Moulded draught (d) = 21.71 ✓	T = 29.22 tons.	Sheer correction ... 6.26 ✓
Deduction for Tropical freeboard XXXXXX	Deduction = $\frac{\Delta}{40T}$ inches	Round of Beam correction02 ✓
XXXXXX = $\frac{d}{4}$ inches = 5.4 = 5 $\frac{1}{2}"$ ✓	= $\frac{6920}{40 \times 29.2}$	Correction for Thickness of Deck amidships ...
Addition for Winter XXXXXX Freeboard (if required) = $d/3 = 7.24 = 7\frac{1}{4}"$ ✓	= 5.91 or 6" ✓	Other corrections, scantlings, etc. ...
		17.00 24.10 - 7.10 ✓
		Summer Freeboard = 41.65 ✓

TIMBER SUMMER FREEBOARD amidships ~~XXXXXX~~ to top of Deck Line, ~~XXXX~~ Steel, Deck: 3' - 5 $\frac{1}{2}"$ ✓

Timber	Tropical Fresh Water Line above Centre of Disc	Timber	Tropical Fresh Water Freeboard
"	23 $\frac{3}{4}"$ ✓	"	21 $\frac{1}{2}"$ ✓
"	18 $\frac{1}{4}"$ ✓	"	21 $\frac{1}{2}"$ ✓
"	17 $\frac{3}{4}"$ ✓	"	3 $\frac{1}{2}"$ ✓
"	5" ✓	"	4 $\frac{1}{2}"$ ✓
"	7 $\frac{1}{4}"$ ✓	"	5 $\frac{1}{2}"$ ✓

10m 3.37. T. SUMMER LINE ABOVE 12 $\frac{1}{4}"$ ✓

25 JUL 1944

Lloyd's Register Foundation

form should be prepared if any alterations that affect the freeboard have been made. If no such alterations have been made, the Surveyor should endorse the form on this side with his signature and the date.

Trade of ship	
Names of sister ships	
Builder's name and yard number	
Owners	
Fee £	
17.00 24.10 - 7.1.17 Summer Postcard - 21.8	
Top of Deck Line, Wood, Steel, Deck: -	
17.00 24.10 - 7.1.17 Summer Postcard - 21.8	