

23 JUN 1944

Rpt. C.11 (Comp.).

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(COMPUTATION FOR STEAMER, SAILING SHIP, TANKER.)

Index. No. 37658
(For London Office only).

Ship's Name S. S. "BERESFORD PARK"	Official Number 175377	Nationality and Port of Registry CANADIAN MONTREAL	Gross Tonnage 2878	Date of Build 1944	Port of Survey PICTOU, N. S.,
Moulded Dimensions: Length 310-44 Breadth 46-33 Depth 25-16					Date of Survey DURING CONSTRUCTION
Moulded displacement at moulded draught = 85 per cent. of moulded depth _____ tons					Surveyor's Signature <i>J. H. Nain</i>
Coefficient of fineness for use with Tables _____					Particulars of Classification 100A1 CONTEMPLATED.

Depth for Freeboard (D). Moulded depth Stringer plate Sheathing on exposed deck $T \left(\frac{L-S}{L} \right) =$ Depth for Freeboard (D) = _____	Depth correction. (a) Where D is greater than Table depth (D—Table depth) R= +10.72 (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 = $\frac{\text{Diff}^{\circ}}{4} \times \left(1 - \frac{S_1}{L} \right) =$ + .02
--	--	--

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					
Fore 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 $\frac{S}{L} =$
 " " $\frac{S_1}{L} =$
 " " $\frac{E}{L} =$ **46.21%**
 Percentage from Table, Line A.
 (corrected for absence of forecastle (if required))
 Percentage from Table, ~~Line B~~ **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		
1/4L from A.P.		4					4		
1/2L "		2					2		
Amidships		4					4		
3/4L from F.P.		2					2		
1/4L "		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"**
 If limited on account of midship superstructure. _____
 If limited to maximum allowance of 1 1/2 ins. per 100 ft. _____

Deduction for Tropical Freeboard. Addition for Winter and Winter North Atlantic Freeboard. Depth to Freeboard Deck = 25.19 Summer freeboard = 3.48 Moulded draught (d) = 21.71 Deduction for Tropical freeboard XXXXXX $\frac{d}{4} \text{ inches} = 5.43 = 5\frac{1}{2}"$ Addition for Winter XXXXXX Freeboard (if required) = $d/3 = 7.24 = 7\frac{1}{4}"$	Deduction for Fresh Water. Displacement in salt water at summer load water line $\Delta = 6907$ Tons per inch immersion at summer load water line $T = 29.22$ Deduction = $\frac{\Delta}{40T}$ inches $= 5.91 = 6"$	TABULAR FREEBOARD corrected for Flush Deck (if required) Correction for coefficient. 48.75 <table border="1"> <tr><td>+</td><td>-</td></tr> <tr><td>Depth Correction</td><td>10.72</td></tr> <tr><td>Deduction for superstructures</td><td>24.10</td></tr> <tr><td>Sheer correction</td><td>6.26</td></tr> <tr><td>Round of Beam correction</td><td>.02</td></tr> <tr><td>Correction for Thickness of Deck amidships</td><td></td></tr> <tr><td>Other corrections, scantlings, etc.</td><td></td></tr> <tr><td>17.00</td><td>24.10</td></tr> <tr><td colspan="2">Summer Freeboard = 41.65</td></tr> </table>	+	-	Depth Correction	10.72	Deduction for superstructures	24.10	Sheer correction	6.26	Round of Beam correction02	Correction for Thickness of Deck amidships		Other corrections, scantlings, etc.		17.00	24.10	Summer Freeboard = 41.65	
+	-																			
Depth Correction	10.72																			
Deduction for superstructures	24.10																			
Sheer correction	6.26																			
Round of Beam correction02																			
Correction for Thickness of Deck amidships																				
Other corrections, scantlings, etc.																				
17.00	24.10																			
Summer Freeboard = 41.65																				

TIMBER SUMMER FREEBOARD amidships ~~XXXXXX~~ to top of Deck Line, ~~XXXX~~ Steel, Deck: **3' 5 1/4"**

Timber	Tropical Fresh Water Line above Centre of Disc	23 1/4"	23 3/4"	Timber	Tropical Fresh Water Freeboard	2' 6 1/4"	2' 6 1/4"
"	Fresh Water Line	18 1/4"	18 1/4"	"	Fresh Water	3' 0"	2' 11 1/4"
"	Tropical Line	17 3/4"		"	Tropical	3' 0 1/4"	
"	Winter Line XXXX above	5"		"	Winter	4' 1 1/4"	
"	Winter North Atlantic Line below	7 1/4"		"	Winter North Atlantic	5' 1 1/4"	

SUMMER LINE ABOVE " **12 1/4"**

A new 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.

PICTON, N. S.
DURING CONSTRUCTION

1944

8788

CANADIAN

175377

S. S. "BERESFORD PARK"

MONTREAL

10001
CONTINUED

10.75

10.75

Trade of ship.....

Names of sister ships.....

Builder's name and yard number.....

Owners

Fee £.....



© 2021

Lloyd's Register
Foundation