

23 JUN 1944

Rpt. C.11 (Comp.)

CHIGNECTO PARK
37651

Index No. 37658
(For London Office only)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(COMPUTATION FOR STEAMER, SAILING SHIP, TANKER.)

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).	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) Standard Round of Beam = $\frac{B \times 12}{50} =$
Stringer plate	(b) Where D is less than Table depth (if allowed) (Table depth-D) R=	Ship's Round of Beam =
Sheathing on exposed deck $T \left(\frac{L-S}{L} \right) =$	If restricted by superstructures	Difference
Depth for Freeboard (D) =		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					
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 $\frac{S}{L} =$
" " $\frac{S_1}{L} =$
" " $\frac{E}{L} =$ **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 XXXXXX = $\frac{d}{4}$ inches = 5.43 = 5 1/2" Addition for Winter XXXXXX Freeboard (if required) = $d/3 =$ 7.24 = 7 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. 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 = 7.10 Summer Freeboard = 41.65
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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"	Timber	Tropical Fresh Water Freeboard	2' 6 1/4"
"	Fresh Water Line	18 1/4"	"	Fresh Water	2' 11 3/4"
"	Tropical Line	17 3/4"	"	Tropical	3' 0 1/4"
"	Winter Line XXXX above	5"	"	Winter	4' 1 1/4"
"	Winter North Atlantic Line XXXX below	7 1/4"	"	Winter North Atlantic	5' 1 1/4"

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

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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.

PITON, W. S. 1944 3878 CANADIAN 17877 "BERESFORD PARK" S. S. MONTREAL

1001
CONTINENTAL

10.75

10.75

Trade of ship.....

Names of sister ships.....

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

Owners

Fee £.....