

11 3 DEC 1944

Index. No. 37826
(For London Office only).

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(COMPUTATION FOR STEAMER, ~~SAILING SHIP, TANKER~~)

Ship's Name "WESTON PARK" LAKE SICAMOUS	Official Number 175596	Nationality and Port of Registry British Montreal, P.Q.	Gross Tonnage 7161.36	Date of Build 1944	Port of Survey Vancouver, B. C.
Moulded Dimensions: Length 416.51 Breadth 56.9' Depth 37.33' to Upper Deck 28.58' to 2nd Deck					Date of Survey September, 1944.
Moulded displacement at moulded draught = 85 per cent. of moulded depth 16,600 tons					Surveyor's Signature <i>H. Berry</i>
Coefficient of fineness for use with Tables .771					Particulars of Classification *100 A1 with Freeboard (Contemplated) corresponding to a Summer Moulded Dft. of 26'-10".

Depth for Freeboard (D).	Depth correction.	Round of Beam correction.
Moulded depth ... 37.33'	(a) Where D is greater than Table depth (D - Table depth) R = (37.39 - 27.82) 3 = + 28.71	Moulded Breadth (B) 56.9'
Stringer plate06'	(b) Where D is less than Table depth (if allowed) (Table depth - D) R = 9.57	Standard Round of Beam = $\frac{B \times 12}{50} = 13.66$
Sheathing on exposed deck $T \left(\frac{L-S}{L} \right) =$	✓	Ship's Round of Beam = 14.00"
Depth for Freeboard (D) = 37.39	If restricted by superstructures	Difference .34
		Restricted to ✓
		Correction = $\frac{\text{Diff}^e}{4} \times \left(1 - \frac{S_1}{L} \right) = \frac{.34}{4} = -.09$

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 ...					

Standard Height of Superstructure _____

" " R.Q.D. _____

Deduction for complete superstructure _____

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

" " $\frac{S_1}{L} =$ **Nil.**

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

Percentage from Table, Line A.
(corrected for absence of fore-castle (if required))

Percentage from Table, Line B.
(corrected for absence of fore-castle (if required))

Interpolation for bridge less than .2L (if required)

Deduction = **Nil.**

SHEER CORRECTION.

Station	Standard Ordinate	S	M	Product	Actual Ordinate	Effective Ordinate	S	M	Product
A.P. ...	51.73	1		51.73	55.00	55.00	1		55.00
%L from A.P. ...	23.02	4		92.08	23.25	23.25	4		93.00
%L " ...	5.69	2		11.38	6.50	6.50	2		13.00
Amidships ...	-	4		-	-	-	4		-
%L from F.P. ...	11.38	2		22.76	11.63	11.63	2		23.26
%L " ...	46.04	4		184.16	46.75	46.75	4		187.00
F.P. ...	103.47	1		103.47	105.00	105.00	1		105.00
Total ...				465.58					476.26

Correction = $\frac{\text{Difference between sums of products}}{18} \left(.75 - \frac{S}{2L} \right) = \frac{10.68}{18} \times .75 = -.45$

If limited on account of midship superstructure. **No. Flush deck.**

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 " = **Nil.**

Deduction for Tropical Freeboard.	Deduction for Fresh Water.	TABULAR FREEBOARD
Addition for Winter and Winter North Atlantic Freeboard.	Displacement in salt water at summer load water line	Corrected for Flush Deck (if required)
Depth to Freeboard Deck = 37.39	$\Delta = 13760$	Correction for coefficient. $\frac{771 + 68}{1.36} = \frac{1.451}{1.36}$
Summer freeboard = 10.56	Tons per inch immersion at summer load water line	Depth Correction ... 28.71
Moulded draught (d) = 26.83	$T = 48.20$	Deduction for superstructures ...
Deduction for Tropical freeboard and addition for Winter freeboard = $\frac{d}{4}$ inches = 6.71 = 6 3/4"	Deduction = $\frac{\Delta}{40T}$ inches = 7 1/4"	Sheer correction ... -45
Addition for Winter North Atlantic Freeboard (if required) = ✓		Round of Beam correction09
		Correction for Thickness of Deck amidships ...
		Other corrections, scantlings, etc. to compound to a summer moulded draught of 26'-10"
		Summer Freeboard = 126.75

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, ~~Wood, Steel, Deck~~—

Tropical Fresh Water Line above Centre of Disc ...	14"	Tropical Fresh Water Freeboard ...	9'-4 3/4"
Fresh Water Line " ...	7 1/4"	Fresh Water " ...	9'-11 1/2"
Tropical Line " ...	6 3/4"	Tropical " ...	10'-0"
Winter Line below " ...	6 3/4"	Winter " ...	11'-1 1/2"
Winter North Atlantic Line " ...	✓	Winter North Atlantic " ...	✓

14.000

26.91

37.331

1061

16,000

26.91

37.331 to Upper Deck
26.91 to 2nd Deck

416.51

175596 British
Montreal, P.Q.

1964

September, 1964.

Vancover, B. C.

with Prospector (Continued)
corresponding to a summer holiday
Dec. of 1964.

1100 41

"HARVEST PARK"

102.00
66.75
11.63
6.20
73.25
52.00
102.00

Trade of ship.....

Names of sister ships "FORT ASTORIA" - West Coast Shipbuilders, Ltd., Hull No. 123.

Builder's name and yard number. West Coast Shipbuilders, Ltd., Vancouver, B. C. (Yard No. 145)

Owners Minister of Munitions & Supply of Canada. (Mgrs. Park Steamship Co. Ltd., Montreal Que.)

Fee **\$100.00** *RL*