

Lloyd's Register of Shipping.

Index. No.
(For London Office only).

Modification on account
of strengthening for
9 1/4" more draught.

SURVEYS FOR FREEBOARD.

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

Ship's Name "LAKE SICAMOUS"	Official Number 175596	Nationality and Port of Registry British Vancouver, B.C.	Gross Tonnage 7161	Date of Build 1944	Port at Survey Montreal, P.Q. Date of Survey 17th February, 1950. Surveyor's Signature <i>W. H. Dalling</i> Particulars of Classification +100 A1 with freeboard
Moulded Dimensions: Length _____ Breadth _____ Depth _____ Moulded displacement at moulded draught = 85 per cent. of moulded depth _____ tons Coefficient of fineness for use with Tables _____					

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= _____ (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 = $\frac{\text{Diff.}}{4} \times \left(1 - \frac{S_1}{L} \right) =$
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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 $\frac{S}{L} =$ _____
" " $\frac{S_1}{L} =$ _____
" " $\frac{E}{L} =$ _____
Percentage from Table, Line A.
(corrected for absence of forecastle (if required)) _____
Percentage from Table, Line B.
(corrected for absence of forecastle (if required)) _____
Interpolation for bridge less than .2L (if required) _____
Deduction = _____

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	
1/4L "		2				2	
Amidships		4				4	
1/4L from F.P.		2				2	
1/4L "		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 1/2 ins. per 100 ft. _____

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 " = _____

Deduction for Tropical Freeboard. Addition for Winter and Winter North Atlantic Freeboard. Depth to Freeboard Deck = 37.39 Summer freeboard = 9.79 Moulded draught (d) = 27.60 Deduction for Tropical freeboard and addition for Winter freeboard = $\frac{d}{4}$ inches = $\frac{27.6}{4} = 6.9$ Addition for Winter North Atlantic Freeboard (if required) = Not required.	Deduction for Fresh Water. Displacement in salt water at summer load water line $\Delta = 14207$ tons Tons per inch immersion at summer load water line $T = 48.4$ Deduction = $\frac{\Delta}{40T}$ inches = 7.33 = 7 1/4" ✓	TABULAR FREEBOARD corrected for Flush Deck (if required) Correction for coefficient $\frac{.771 + .68}{1.36} = \frac{1.451}{1.36}$ <table><tr><th></th><th>+</th><th>-</th></tr><tr><td>Depth Correction</td><td>28.71</td><td>-</td></tr><tr><td>Deduction for superstructures</td><td>-</td><td>-</td></tr><tr><td>Sheer correction</td><td>-</td><td>.45</td></tr><tr><td>Round of Beam correction</td><td>-</td><td>.09</td></tr><tr><td>Correction for Thickness of Deck amidships</td><td>-</td><td>-</td></tr><tr><td>Other corrections, scantlings, etc.</td><td>.53</td><td>-</td></tr><tr><td></td><td>29.24</td><td>.54</td></tr></table> Summer Freeboard = 117.48		+	-	Depth Correction	28.71	-	Deduction for superstructures	-	-	Sheer correction	-	.45	Round of Beam correction	-	.09	Correction for Thickness of Deck amidships	-	-	Other corrections, scantlings, etc.53	-		29.24	.54
	+	-																								
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SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood , Steel, Deck:—										9'-9½"✓
Tropical Fresh Water Line above Centre of Disc		...	14¼"	✓	Tropical Fresh Water Freeboard		...	8'-7¼"✓		
Fresh Water Line		"	7¼"	✓	Fresh Water		"	9'-2¼"✓		
Tropical Line		"	7"	✓	Tropical		"	9'-2½"✓		
Winter Line		below	7"	✓	Winter		"	10'-4½"✓		
Winter North Atlantic Line		"	...	not assigned	Winter North Atlantic		"	...		

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.

Trade of ship.....

Names of sister ships.....

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

Owners.....

Fee £.....

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Foundation