

Lloyd's Register of Shipping.

Index. No.
(For London Office only).

Modification on account
of strengthening for
9 1/2" 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 of Survey at Survey Montreal, P.Q.
Moulded Dimensions: Length _____ Breadth _____ Depth _____					Date of Survey at Survey 17th February, 1950.
Moulded displacement at moulded draught = 85 per cent. of moulded depth _____ tons					Surveyor's Signature <i>W. H. Dalling</i>
Coefficient of fineness for use with Tables _____					Particulars of Classification +100 A1 with freeboard

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

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 _____

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	
1/2L "		2				2	
Amidships		4				4	
3/4L from F.P.		2				2	
1/2L "		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 = $\frac{\text{Difference between sums of products}}{18} \left(.75 - \frac{S}{2L} \right) =$ _____
If limited on account of midship superstructure.

If limited to maximum allowance of 1 1/2 ins. per 100 ft.

Deduction for Tropical Freeboard.	Deduction for Fresh Water.	TABULAR FREEBOARD corrected for Flush Deck (if required)	83.21
Addition for Winter and Winter North Atlantic Freeboard.	Displacement in salt water at summer load water line	Correction for coefficient $\frac{.771 + .68}{1.36} = \frac{1.451}{1.36}$	88.78
Depth to Freeboard Deck = 37.39 Ft.	$\Delta = 14207$ tons		
Summer freeboard = 9.79	Tons per inch immersion at summer load water line		
Moulded draught (d) = 27.60	T = 48.4	Depth Correction 28.71	
Deduction for Tropical freeboard and addition for Winter freeboard = $\frac{d}{4}$ inches = $\frac{27.6}{4} = 6.9$	Deduction = $\frac{\Delta}{40T}$ inches = 7.33	Deduction for superstructures -	
Addition for Winter North Atlantic Freeboard (if required) = Not required.	= 7 1/4" ✓	Sheer correction - .45	
		Round of Beam correction - .09	
		Correction for Thickness of Deck amidships -	
		Other corrections, scantlings, etc.53	
		29.24	.54 + 28.70
		Summer Freeboard = 117.48	

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

Tropical Fresh Water Line above Centre of Disc	14 1/4" ✓	Tropical Fresh Water Freeboard	8' - 7 1/4" ✓
Fresh Water Line " "	7 1/4" ✓	Fresh Water " "	9' - 2 1/4" ✓
Tropical Line " "	7" ✓	Tropical " "	9' - 2 1/4" ✓
Winter Line below " "	7" ✓	Winter " "	10' - 4 1/2" ✓
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