

Lloyd's Register of Shipping.

Index No. 37991
(For London Office only).

SURVEYS FOR FREEBOARD.

(COMPUTATION FOR STEAMER, SAILING SHIP, TANKER.)

Ship's Name "SAULT AU MOUTON"	Official Number NOT YET KNOWN	Nationality and Port of Registry BRITISH QUEBEC	Gross Tonnage APPROX.	Date of Build 1945	Port of Survey LAUZON, P.Q.
Moulded Dimensions: Length 156'-0" Breadth 32'-0" Depth 11.75'					Date of Survey WHILE BUILDING
Moulded displacement at moulded draught = 85 per cent. of moulded depth 982.5 tons					Surveyor's Signature <i>S. Galt</i>
Coefficient of fineness for use with Tables .69					Particulars of Classification 100A1 Class Contemplated For service in the River St. Lawrence and to Anticosti Island.

Depth for Freeboard (D).		Depth-correction.		Round of Beam correction.	
Moulded depth 11.75'	(a) Where D is greater than Table depth (D-Table depth) R=	(11.778-10.40) 1.20 = +1.65	Moulded Breadth (B)	32.0'
Stringer plate028'	(b) Where D is less than Table depth (if allowed) (Table depth-D) R=	1.378	Standard Round of Beam = $\frac{B \times 12}{50} =$	387.68
Sheathing on exposed deck	$T \left(\frac{L-S}{L} \right) =$			Ship's Round of Beam =	7.5
Depth for Freeboard (D) =	11.778'	If restricted by superstructures	<input checked="" type="checkbox"/>	Difference	.18
				Restricted to	
				Correction = $\frac{\text{Diff}^0}{4} \times \left(1 - \frac{S_1}{L}\right) =$	+ .04

DEDUCTION FOR SUPERSTRUCTURES.

Mean Covered Length (S)	Equivalent Enclosed Length (S _i)	Height	Height Correction	Effective Length (E)
Poop enclosed				
" overhang				
R.Q.D. enclosed				
" overhang				
Bridge enclosed	N			
" overhang aft	O			
" overhang forward		N		
Fore enclosed			E	
" overhang				
Trunk aft				
" forward				
Tonnage opening aft				
" " forward				
Total				

Standard Height of Superstructure _____
" " R.Q.D. _____

Deduction for complete superstructure _____

Percentage covered $\frac{S}{L} =$ _____
" " $\frac{S_i}{L} =$ **NIL.**
" " $\frac{E}{L} =$ _____

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 = **NIL.**

SHEER CORRECTION.

Station	Standard Ordinate	S M	Product	Actual Ordinate	Effective Ordinate	S M	Product
A.P. ...	25.60	1	25.60	11.52	-	1	11.52
%L from A.P. ...	11.89	4	45.56	.38	-	4	1.52
%L " ...	2.82	2	5.64	-	-	2	-
Amidships ...	-	4	-	-	-	4	-
%L from F.P. ...	5.63	2	11.26	-	-	2	-
%L " ...	22.78	4	91.12	3.00	-	4	12.00
F.P. ...	51.20	1	51.20	27.00	-	1	27.00
Total ...			230.38				52.04

Mean actual sheer aft = **Deficient**
Mean standard sheer aft = _____

Mean actual sheer forward = **Deficient**
Mean standard sheer forward = _____

Length of enclosed superstructure forward of amidships = _____
" " aft of " = _____

Correction = $\frac{\text{Difference between sums of products}}{18} \left(.75 - \frac{S}{2L} \right) = \frac{178.34}{18} \times .75 = +7.43$
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)	16.34	2.34
Addition for Winter and Winter North Atlantic Freeboard.	Displacement in salt water at summer load water line	Correction for coefficient. $\frac{.69 \times .68}{1.36} \times 18.68 =$	18.81	18.68
Depth to Freeboard Deck = 11.78	$\Delta = 941.4$	Depth Correction 1.65		
Summer freeboard = 2.33	Tons per inch immersion at summer load water line	Deduction for superstructures -		
Moulded draught (d) = 9.45	$T = 10.17$	Sheer correction 7.43		
Deduction for Tropical freeboard and addition for Winter freeboard = $\frac{d}{4}$ inches = 2 1/4"	Deduction = $\frac{\Delta}{40T}$ inches = 2 1/4"	Round of Beam correction04		
Addition for Winter North Atlantic Freeboard (if required) =		Correction for Thickness of Deck amidships -		
		Other corrections, scantlings, etc. -		
		9.12	+ 9.12	27.93
		Summer Freeboard =		27.93

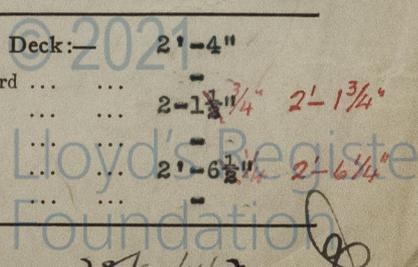
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SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, **W65X Steel**, Deck:— **2'-4"**

Tropical Fresh Water Line above Centre of Disc 2'-2 1/4"	Tropical Fresh Water Freeboard 2'-1 3/4"
Fresh Water Line 2'-2 1/4"	Fresh Water 2'-1 3/4"
Tropical Line 2'-2 1/4"	Tropical 2'-6 1/4"
Winter Line below 2'-2 1/4"	Winter 2'-6 1/4"
Winter North Atlantic Line 2'-2 1/4"	Winter North Atlantic 2'-6 1/4"

26 JUN 1945

28/7/45



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.

SAULT AU MOUTON

DISPLACEMENT IN SALT WATER:

DRAFT	9'-0"	-	884.8 tons
"	10'-0"	-	1010.5 tons
"	11'-0"	-	1129.0 tons

TONS PER INCH IMMERSION

DRAFT	9'-0"	-	9.95 tons
"	10'-0"	-	10.39 Tons
"	11'-0"	-	10.7 Tons.

Trade of ship..... PULPWOOD CARRIER, IN RIVER ST. LAWRENCE AND TO ANTICOSTI ISLAND

Names of sister ships..... ---

Builder's name and yard number..... GEO. T. DAVIE & SONS LTD. YARD NO.34

Owners..... QUEBEC PAPER SALES & TRANSPORT CO. LTD., DONNACONA, P.Q.

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