

Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(COMPUTATION FOR STEAMER, SAILING SHIP, TANKER.)

Ship's Name S.S. "PORT SALEESH" ARGOMONT	Official Number -- 169762	Nationality and Port of Registry British London.	Gross Tonnage 7167.63	Date of Build 1943	Port of Survey North Vancouver, B. C.
Moulded Dimensions: Length 417.35 Breadth 56.90' Depth (37.33' to Upper Deck) (28.58' to 2nd Deck) 16.600					Date of Survey November, 1943.
Moulded displacement at moulded draught = 85 per cent. of moulded depth					Surveyor's Signature For J. B. Gill & self D. Hunter
Coefficient of fineness for use with Tables .771					Particulars of Classification 100 A.1 with Freeboard (Contemplated)

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) x 3 = + 28.71	Moulded Breadth (B) 56.9'
Stringer plate06'	(b) Where D is less than Table depth (if allowed) (Table depth-D) R=	Standard Round of Beam = $\frac{B \times 12}{50} = 13.66$
Sheathing on exposed deck $T \left(\frac{L-S}{L} \right) =$	If restricted by superstructures	Ship's Round of Beam = 14.00"
Depth for Freeboard (D) = 37.39		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 ...				
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 $\frac{S}{L} =$

" " $\frac{S_1}{L} =$ *flush deck*

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

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 <i>Inch.</i>	Effective Ordinate	S M	Product
A.P. ...	51.73	1	51.73	55.00	55.00	1	55.00
1/2L from A.P. ...	23.02	4	92.08	23.25	23.25	4	93.00
1/2L " ...	5.69	2	11.38	6.50	6.50	2	13.00
Amidships ...	-	4	-	---	-	4	-
1/2L from F.P. ...	11.38	2	22.76	11.63	11.63	2	23.26
1/2L " ...	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

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 = $\frac{\text{Difference between sums of products}}{18} \left(.75 - \frac{S}{2L} \right) = \frac{10.08}{18} \times .75 = -.45$

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

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)
Addition for Winter and Winter North Atlantic Freeboard.	Displacement in salt water at summer load water line	Correction for coefficient.
Depth to Freeboard Deck =	$\Delta =$	Depth Correction ...
Summer freeboard =	Tons per inch immersion at summer load water line	Deduction for superstructures ...
Moulded draught (d) =	T =	Sheer correction ...
Deduction for Tropical freeboard and addition for Winter freeboard = $\frac{d}{4}$ inches =	Deduction = $\frac{\Delta}{40T}$ inches =	Round of Beam correction ...
Addition for Winter North Atlantic Freeboard (if required) =		Correction for Thickness of Deck amidships
		Other corrections, scantlings, etc. <i>As summer moulded draught of 20'-10"</i>
		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 35.54	Tropical Fresh Water Freeboard ... 10'-6 3/4" 321.9
Fresh Water Line " 18.4	Fresh Water " ... 9'-4 3/4" 286.4
Tropical Line " 1.71	Tropical " ... 9'-11 1/2" 303.5
Winter Line below " 1.71	Winter " ... 10'-0" 304.8
Winter North Atlantic Line " 1.71	Winter North Atlantic " ... 11'-1 1/2" 339.0

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..... **S.S. "FORT HALL" North Van Ship Repairs, Ltd., North Vancouver, B.C. (Yard No. 127)**

Builder's name and yard number..... **North Van Ship Repairs, Ltd., North Vancouver, B.C. (Yard No. 132)**

Owners..... **Minister of Munitions and Supply of Canada.**

Fee **\$100.00** *RB*



© 2021

Lloyd's Register
Foundation