

Focle. Bld being closed.
AMENDED COMP.
LLOYD'S REGISTER OF SHIPPING
 UNITED WITH THE BRITISH CORPORATION REGISTER
SURVEYS FOR FREEBOARD
 (COMPUTATION FOR STEAMER, SAILING SHIP, TANKER)

For LONDON OFFICE ONLY

Received

Index No.

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Owners C11

Ship's Name SLANEY	Official Number 183194	Nationality and Port of Registry BRITISH LONDON	Gross Tonnage 994	Date of Build 1950	Port of Survey
Moulded Dimensions: Length 205.50' Breadth 32.5 Depth 13'-11" to Upper Deck 18'-11" to R.Q. Deck					Date of Survey 14/4/54
Freeboard Length to & 7 R.S.					Surveyor's Signature
Moulded displacement at moulded draught = 85 per cent. of moulded depth (excluding bossing) 1574 tons					Particulars of Classification +100A1.
Coefficient of fineness for use with Tables .697					

DEPTH FOR FREEBOARD (D).	DEPTH CORRECTION.	ROUND OF BEAM CORRECTION.
Moulded depth 13.92	(a) Where D is greater than Table depth (D-Table depth) R = (13.95-13.70) 1.581 = +.40"	Moulded Breadth (B) = 32.5
Stringer plate03	(b) Where D is less than Table depth (if allowed) (Table depth-D) R = .25	Standard Round of Beam = $\frac{B \times 12}{50} = \frac{32.5 \times 12}{50} = \mathbf{7.8}$
Wood Sheathing on exposed deck $T \left(\frac{L-S}{L} \right) =$	If restricted by superstructures <input checked="" type="checkbox"/>	Ship's Round of Beam = 8.0
Depth for Freeboard (D) = 13.95		Difference = .2
		Restricted to
		Correction = $\frac{\text{Diff}^2}{4} \times \left(1 - \frac{S_1}{L} \right) = \frac{.2^2}{4} \times \frac{2508}{13.95} = \mathbf{-.01"}$

DEDUCTION FOR SUPERSTRUCTURES.					
Mean Covered Length (S)	Equivalent Enclosed Length (S ₁)	Height	Height Correction	Effective Length (E)	Standard Height of Superstructure
Poop enclosed					6.00'
" overhang					R.Q.D. 3.703'
R.Q.D. enclosed Equiv. 136.24	136.24	5.00	-	136.24	Deduction for complete superstructure 26.55"
" overhang					Percentage covered $\frac{S}{L} =$
Bridge enclosed					" $\frac{S_1}{L} =$
" overhang aft					" $\frac{E}{L} =$
" overhang forward					Percentage from Table, Line A. +B 69.05
F'cle enclosed	17.43	17.43	7.00	17.43	(corrected for absence of forecastle (if required))
" overhang29	.29		.29	Percentage from Table, Line B.
Trunk aft					(corrected for absence of forecastle (if required))
" forward					Interpolation for bridge less than .2L (if required)
Tonnage opening aft					Deduction = 26.55 x .6905 = -18.33"
" " forward					
Total	153.96	153.96		153.96	

SHEER CORRECTION.							
Station	Standard Ordinate	S M	Product	Actual Ordinate	Effective Ordinate	S M	Product
A.P.	30.55	1		30 1/2	30.55	1	
1/2 L from A.P.	13.595	4		14 1/4	13.595	4	
3/4 L "	3.36	2		3 1/2	3.36	2	
Amidships	0	4	0	0	0	4	0
3/4 L from F.P.	6.72	2		8	8.00	2	
1/2 L "	27.19	4		25 1/4	25.25	4	
F.P.	61.10	1		61 3/4	61.75	1	
Total			274.95				270.40

Mean actual sheer aft = **Excess.**
 Mean standard sheer aft = **Excess.**

Mean actual sheer forward = **Deficient .9918**
 Mean standard sheer forward = **Deficient .9918**

Length of enclosed superstructure forward of amidships = **Deficient**
 " " aft of " = **sheer.**

Correction = $\frac{\text{Difference between sums of products}}{18} \left(.75 - \frac{S}{2L} \right) = \frac{4.55(.75 - .3746)}{18} = \mathbf{+.09"}$
 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)
Addition for Winter and Winter North Atlantic Freeboard. R.Q.	Displacement in salt water at summer load water line 1850	Correction for coefficient $\frac{697 + .68}{1.36} = \frac{1.377}{1.36}$
Depth to Freeboard Deck = 18.95	$\Delta =$ 1850	Depth Correction40
Summer freeboard = 5.54	Tons per inch immersion at summer load water line 13.60	Deduction for superstructures 18.33
Moulded draught (d) = 13.41	Deduction = $\frac{\Delta}{40 T}$ inches = 3.40	Sheer correction09
Keel allowance =	= 3 1/2"	Round of Beam correction R.Q.01
Extreme draught =		Correction for Thickness of Deck amidships 60.00
Deduction for Tropical freeboard and addition for =		Other corrections, scantlings, etc. -
Winter freeboard = $\frac{d}{4}$ inches = 3.35 = 3 3/4"		60.49 18.34 + 42.15
Addition for Winter North Atlantic Freeboard (if required) = 5 1/4"		Summer Freeboard = 66.49

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, R.Q. Steel Deck :-			
Tropical Fresh Water Line above Centre of Disc ...	Tropical Fresh Water Freeboard ...	Fresh Water Line " ...	Fresh Water " ...
Fresh Water Line " ...	Fresh Water " ...	Tropical Line " ...	Tropical " ...
Tropical Line " ...	Tropical " ...	Winter Line below " ...	Winter " ...
Winter Line below " ...	Winter " ...	Winter North Atlantic Line " ...	Winter North Atlantic " ...