

amended computation

LLOYD'S REGISTER OF SHIPPING

SURVEYS FOR FREEBOARD

(COMPUTATION FOR STEAMER, SAILING SHIP, TANKER)

For LONDON OFFICE ONLY

Received

Index No.

Govt. Copy

Owners C11

Ship's Name SEIYUN	Official Number	Nationality and Port of Registry British (Aden)	Gross Tonnage	Date of Build	Port of Survey
Moulded Dimensions: Length 140-33 Breadth 27-0 Depth 18-0			Date of Survey 6-3-59		
Freeboard Length 140-33			Surveyor's Signature		
Moulded displacement at moulded draught = 85 per cent. of moulded depth (excluding bossing) 792 tons			Particulars of Classification B.S. + with freeboard		
Coefficient of fineness for use with Tables					

DEPTH FOR FREEBOARD (D). Moulded depth ... 18-00 Stringer plate ... -02 Wood Sheathing on exposed deck $T \left(\frac{L-S}{L} \right) =$ Depth for Freeboard (D) = 18-02	DEPTH CORRECTION. (a) Where D is greater than Table depth (D-Table depth) $R = \frac{D-18-00}{130} \times 140-33 = -9-35$ (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) 27-00 Standard Round of Beam = $\frac{B \times 12}{50} = 6-48$ Ship's Round of Beam Equar = 7-29 Difference -8-1 Restricted to Correction = $\frac{\text{Diff}}{4} \times \left(1 - \frac{S_1}{L} \right) = \frac{8-1}{4} \times 1 = 2-0$
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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					
F'cle enclosed					
" overhang					
Trunk aft					
" forward					
Tonnage opening aft					
" forward					
Total					

Flush Deck

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.	24-03	1		24-03			1		
$\frac{1}{2}L$ from A.P.	10-69	4		42-76			4		
$\frac{2}{3}L$	2-64	2		5-28					
Amidships	0	4		0					
$\frac{2}{3}L$ from F.P.	5-29	2		10-58					
$\frac{1}{2}L$	21-39	4		85-56			4		
F.P.	48-07	1		48-07			1		
Total				216-28					

Correction = $\frac{\text{Difference between sums of products}}{18} \left(.75 - \frac{S}{2L} \right) = \frac{216-28}{18} \times \frac{3}{4} = 9-01$

If limited on account of midship superstructure.

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 = 18-02 Summer freeboard = 8-04 Moulded draught (d) = 9-98 Keel allowance = Extreme draught = Deduction for Tropical freeboard and addition for = Winter freeboard = $\frac{d}{4}$ inches = 2-1/2" Addition for Winter North Atlantic Freeboard (if required) =	Deduction for Fresh Water. Displacement in salt water at summer load water line $\Delta =$ Tons per inch immersion at summer load water line $T =$ Deduction = $\frac{\Delta}{40 T}$ inches 2-1/2"	TABULAR FREEBOARD corrected for Flush Deck (if required) 14-24+2-11 Correction for coefficient 1-472/1-36 <table border="1"> <thead> <tr> <th></th> <th>+</th> <th>-</th> </tr> </thead> <tbody> <tr><td>Depth Correction</td><td>9-35</td><td></td></tr> <tr><td>Deduction for superstructures</td><td>9-01</td><td></td></tr> <tr><td>Sheer correction</td><td></td><td>-8-1</td></tr> <tr><td>Round of Beam correction</td><td></td><td></td></tr> <tr><td>Correction for Thickness of Deck amidships</td><td></td><td></td></tr> <tr><td>Other corrections, scantlings, etc.</td><td>60-25</td><td></td></tr> <tr><td>Summer Freeboard</td><td>79-61</td><td>-8-1</td></tr> </tbody> </table> 78-80 96-50		+	-	Depth Correction	9-35		Deduction for superstructures	9-01		Sheer correction		-8-1	Round of Beam correction			Correction for Thickness of Deck amidships			Other corrections, scantlings, etc.	60-25		Summer Freeboard	79-61	-8-1
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SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Deck :-

Tropical Fresh Water Line above Centre of Disc	2-1/2"	Tropical Fresh Water Freeboard	7-10
Fresh Water Line	2-1/2"	Fresh Water	7-10
Tropical Line	2-1/2"	Tropical	7-10
Winter Line below	2-1/2"	Winter	8-1-0-1/2"
Winter North Atlantic Line	2-1/2"	Winter North Atlantic	8-1-0-1/2"

Not assigned