

Received
Index No.
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Owners' Cl.

(COMPUTATION FOR STEAMER, ~~SAILING SHIP~~, TANKER)

Ship's Name	Official Number	Nationality and Port of Registry	Gross Tonnage	Date of Build	Port of Survey
"AFON CEINI" EX ALICE					LONDON W.R.
Moulded Dimensions: Length	Breadth	Depth			Date of Survey
56.75'	16.83'	7.75'			14-6-83
Freeboard Length					Surveyor's Signature
56.75' to CLRS.					W R M
Moulded displacement at moulded draught = 85 per cent. of moulded depth (excluding bossing)					Particulars of Classification
					+ 100 A1
Coefficient of fineness for use with Tables					U.K. COASTING SERVICE

DEPTH FOR FREEBOARD (D).		L/15 = 37.88 DEPTH CORRECTION.		ROUND OF BEAM CORRECTION.	
Moulded depth 7.75	(a) Where D is greater than Table depth (D-Table depth) R =		Moulded Breadth (B)	16.83'
Stringer plate	... 0.25" ... 0.02	(7.75 - 3.788) 0.437 = +1.74"		Standard Round of Beam = $\frac{B \times 12}{50}$	= 4.04"
Wood Sheathing on exposed deck		(b) Where D is less than Table depth (if allowed) (Table depth-D) R =		Ship's Round of Beam	= 3.75"
$T \left(\frac{L-S}{L} \right) =$				Difference	0.29
Depth for Freeboard (D) =	7.77	If restricted by superstructures		Restricted to	
				Correction = $\frac{\text{Diff.}}{4} \times \left(1 - \frac{S}{L} \right)$	= $\frac{.29}{4} = +.07$

	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 = _____

Station	Standard Ordinate	S M	Product	Actual Ordinate	Effective Ordinate	S M	Product
A.P. ...	15.68	1	15.68	9"	9.0	1	9.0
½L from A.P. ...	6.98	4	27.92	2"	2.0	4	8.0
¾L " ...	1.72	2	3.44	-1"	-1.0	2	-3.0
Amidships ...	0	4	0	0	0	4	0
½L from F.P. ...	3.45	2	6.90	7"	3.45	2	6.90
¾L " ...	13.95	4	55.80	19"	13.95	4	55.80
F.P. ...	31.35	1	31.35	34"	31.35	1	31.35
Total ...			141.09				108.05

Mean actual sheer aft = DEFICIENT, < 50%

Mean standard sheer aft =

Mean actual sheer forward = EXCESS BUILT TO STD.

Mean standard sheer forward =

Length of enclosed superstructure forward of amidships =

L

" " aft of " =

Correction = $\frac{\text{Difference between sums of products}}{18} = \frac{33.04}{18} \times .75 = + 1.38"$

If limited on account of midship superstructure.

If limited to maximum allowance of 1½ ins. per 100ft.

Deduction for Tropical Freeboard.		Deduction for Fresh Water.		TABULAR FREEBOARD corrected for Fresh 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	= Ft. 7.77	Δ =			
Summer freeboard	= 1.86	Tons per inch immersion at summer load water line			
Moulded draught (d)	= 6.91	T =			
Keel allowance)"	= 0.06	Deduction = $\frac{\Delta}{40 T}$ inches			
Extreme draught	= 6.99	=			
Deduction for Tropical freeboard and addition for =					
Winter freeboard = $\frac{d}{4}$ inches =					
Addition for Winter North Atlantic Freeboard (if required) =					

Tropical Fresh Water Line above Centre of Disc
Fresh Water Line	39	36
Tropical Line	50	52
Winter Line	below	30
Winter North Atlantic Line	32	31

Tropical Fresh Water Freeboard
Fresh Water	"	...
Tropical	"	...
Winter	"	...
Winter North Atlantic	"	...

Lloyd's Register
Foundation

010874-010881 = 0132