

TIMBER
AMENDED

For LONDON OFFICE ONLY

LLOYD'S REGISTER OF SHIPPING

UNITED WITH THE BRITISH CORPORATION REGISTER

SURVEYS FOR FREEBOARD

(COMPUTATION FOR STEAMER, SAILING SHIP, TANKER)

Received

Index No.

Govt. Copy

Owners C11

Ship's Name ANASTASIA EX JACQUES MARIE	Official Number	Nationality and Port of Registry GREEK HELAS	Gross Tonnage	Date of Build	Port of Survey
Moulded Dimensions: Length 65.530 Breadth 10.363 Depth 4.890					Date of Survey 2.8.56
Freeboard Length					Surveyor's Signature
Moulded displacement at moulded draught = 85 per cent. of moulded depth (excluding bossing) _____ tons					Particulars of Classification 100 A1
Coefficient of fineness for use with Tables 85 assumed					

DEPTH FOR FREEBOARD (D).	DEPTH CORRECTION.	ROUND OF BEAM CORRECTION.
Moulded depth 4.890	(a) Where D is greater than Table depth (D-Table depth) R = +74	Moulded Breadth (B) 10.363
Stringer plate 16	(b) Where D is less than Table depth (if allowed) (Table depth-D) R =	Standard Round of Beam = $\frac{B \times 12}{50}$ = 207
Wood Sheathing on exposed deck $T \left(\frac{L-S}{L} \right) =$	If restricted by superstructures	Ship's Round of Beam = 210
Depth for Freeboard (D) = 4.906		Difference 3
		Restricted to
		Correction = $\frac{\text{Diff}}{4} \times \left(1 - \frac{S}{L} \right)$ = NIL

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					
Fore enclosed					
" overhang					
Trunk aft					
" forward					
Tonnage opening aft					
" forward					
Total	46.714	46.599			46.599

Standard Height of Superstructure **18.30**

" " R.Q.D. **11.48**

Deduction for complete superstructure **6.99**

Percentage covered $\frac{S}{L} = 71.29$

" " $\frac{S_1}{L} = 71.11$

" " $\frac{E}{L} = 82.17$

Percentage from Table, Line A. Table **82.17**

(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 = **6.99 x 82.17 = 5.74**

SHEER CORRECTION.

Station	Standard Ordinate	S	M	Product	Actual Ordinate	Effective Ordinate	S	M	Product
A.P.		1					1		
$\frac{1}{8}L$ from A.P.		4					4		
$\frac{2}{8}L$ "		2					2		
Amidships	O	4	O	O	O	O	4	O	O
$\frac{2}{8}L$ from F.P.		2					2		
$\frac{1}{8}L$ "		4					4		
F.P.		1					1		
Total									

Mean actual sheer aft = **EXCESS**

Mean standard sheer aft =

Mean actual sheer forward = **EXCESS**

Mean standard sheer forward =

Length of enclosed superstructure forward of amidships = **9.0839L**

" " aft of " = **5.1L**

Correction = $\frac{\text{Difference between sums of products}}{18} \left(.75 - \frac{S}{2L} \right) = -64$

If limited on account of midship superstructure. **YES. -59.**

If limited to maximum allowance of $1\frac{1}{2}$ ins. per 100ft.

Deduction for Tropical Freeboard.	Deduction for Fresh Water.	TABULAR FREEBOARD corrected for Flush Deck (if required)
Addition for Winter and Winter North Atlantic Freeboard.		Correction for coefficient 1.53 1.86
Depth to Freeboard Deck = 4.906	Displacement in salt water at summer load water line	Depth Correction 74
TIMBER Summer freeboard = 176	$\Delta =$	Deduction for superstructures 574
Moulded draught (d) = 4.730	Tons per inch immersion at summer load water line	Sheer correction 59
Keel allowance =	T =	Round of Beam correction
Extreme draught =	Deduction = $\frac{\Delta}{40 T}$ inches	Correction for Thickness of Deck amidships
Deduction for Tropical freeboard and addition for =	= 100.	Other corrections, scantlings, etc.
Winter freeboard = $\frac{d}{12}$ inches = 99		
Addition for Winter North Atlantic Freeboard (if required) = 36 = 131		
		Summer Freeboard = 176

TIMBER. SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Deck :-

Tropical Fresh Water Line above Centre of Disc	323	TIMBER Tropical Fresh Water Freeboard	71.23
Fresh Water Line	224	" Fresh Water	76
Tropical Line	223	" Tropical	77
Winter Line below	7	" Winter	80.7
Winter North Atlantic Line	147	" Winter North Atlantic	44.7