

TIMBER.
LLOYD'S REGISTER OF SHIPPING
UNITED WITH THE BRITISH CORPORATION REGISTER
SURVEYS FOR FREEBOARD.
(COMPUTATION FOR STEAMER, SAILING SHIP, TANKER.)

Index No.
(For London Office only.)

Ship's Name AMAZONE	Official Number 9502.	Nationality and Port of Registry MALMÖ SWEDISH.	Gross Tonnage 1566	Date of Build 1924.	Port of Survey TRELLEBORG
Moulded Dimensions: Length 76.00 M. Breadth 11.580 M. Depth 5.335 M.					Date of Survey MARCH 1955
Moulded displacement at moulded draught = 85 per cent. of moulded depth (excluding bossing) 3091 metric tons					Surveyor's Signature
Coefficient of fineness for use with Tables .455.					Particulars of Classification B.S.

DEPTH FOR FREEBOARD (D).	DEPTH CORRECTION.	ROUND OF BEAM CORRECTION.
Moulded depth 5335	(a) Where D is greater than Table depth (D-Table depth) R = 44 mm.	Moulded Breadth (B)
Stringer plate 10	(b) Where D is less than Table depth (if allowed) (Table depth-D) R =	Standard Round of Beam = $\frac{B \times 12}{50}$ =
Sheathing on exposed deck $T \left(\frac{L-S}{L} \right) =$	If restricted by superstructures	Ship's Round of Beam =
Depth for Freeboard (D) = 5345		Difference
		Restricted to
		Correction = $\frac{\text{Diff}^e}{4} \times \left(1 - \frac{S_1}{L} \right)$ = 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					
F'cle enclosed					
„ overhang					
Trunk aft					
„ forward					
Tonnage opening aft					
„ „ forward					
Total					

Standard Height of Superstructure **1830 mm**

„ „ R.Q.D. **1219 mm**

Deduction for complete superstructure **486 mm.**

Percentage covered $\frac{S}{L} =$ **89.30** ✓

„ „ $\frac{S_1}{L} =$ **88.42** ✓

„ „ $\frac{E}{L} =$ **90.88** ✓

Percentage from Table, Line A. **TIMBER.** **90.88** ✓
(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 = **486 × 90.88 = 441. mm.** ✓

SHEER CORRECTION.

Station	Standard Ordinate	S M	Product	Actual Ordinate	Effective Ordinate	S M	Product
A.P.		1				1	
$\frac{1}{2}$ L from A.P.		4				4	
$\frac{3}{8}$ L „		2				2	
Amidships		4				4	
$\frac{3}{8}$ L from F.P.		2				2	
$\frac{1}{2}$ L „		4				4	
F.P.		1				1	
Total							

Mean actual sheer aft = **Deficient 61.58%**
Mean standard sheer aft =

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

Length of enclosed superstructure forward of amidships =
L

„ „ aft of „ =

Correction = $\frac{\text{Difference between sums of products}}{18} \left(.75 - \frac{S}{2L} \right) =$ **+ 4 mm.**
If limited on account of midship superstructure.

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

Deduction for Tropical Freeboard.

Addition for Winter and Winter North Atlantic Freeboard.

Depth to Freeboard Deck = **5345**
Summer freeboard = **199**
Moulded draught (d) = **5146**
Keel allowance =

Extreme draught **104.4**
Deduction for Tropical freeboard and addition for **48**
Winter freeboard = **43.**

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

TABULAR FREEBOARD corrected for Flush Deck (if required)

Correction for coefficient **1.435**
1.36

Depth Correction
Deduction for superstructures
Sheer correction
Round of Beam correction
Correction for Thickness of Deck amidships
Other corrections, scantlings, etc.

	+	-
Depth Correction	44	
Deduction for superstructures		414
Sheer correction	4	
Round of Beam correction		
Correction for Thickness of Deck amidships		
Other corrections, scantlings, etc.		
Summer Freeboard	51	414

814
862.
25.355
- 663
199 mm.

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

AS ASSIGNED
BY

DANISH AUTHORITY
S. 4. 1955

Tropical Fresh Water Line above Centre of Disc **278 mm**
Fresh Water Line „ „ **144**
Tropical Line „ „ **146.1**
Winter Line below „ „ **73**
Winter North Atlantic Line „ „ **156**

Tropical Fresh Water Freeboard **215 mm**
Fresh Water „ **104**
Tropical „ **108**
Winter „ **354**
Winter North Atlantic „ **440**