

- 4 NOV 1950

N^o 32846

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(COMPUTATION FOR STEAMER, SAILING SHIP, TANKER.)

Ship's Name SEAVENTURE Ex TRANSOMAN.	Official Number	Nationality and Port of Registry PANAMA PANAMA Rp.	Gross Tonnage	Date of Build	Port of Survey Rotterdam
Moulded Dimensions: Length 436'-2 1/2" Breadth 57'-0" Depth 33'-4 1/2" <i>To Apr Side of R.P. 434-0</i> <i>could not be stated, no scale</i>					Date of Survey 238 25-9-50
Moulded displacement at moulded draught = 85 per cent. of moulded depth <i>on board</i> tons					Surveyor's Signature M. Schuler
Coefficient of fineness for use with Tables Assumed .78.					Particulars of Classification +100 A1. carrying petroleum in bulk

DEPTH FOR FREEBOARD (D). 33.38 Moulded depth ... 33'-4 1/2" Stringer plate ... 7/8" Sheathing on exposed deck $T \left(\frac{L-S}{L} \right) =$ Depth for Freeboard (D) = 33.45	DEPTH CORRECTION. (a) Where D is greater than Table depth $(D - \text{Table depth}) R =$ $(33.45 - 28.93) 3 = +13.56$ (b) Where D is less than Table depth (if allowed) $(\text{Table depth} - D) R =$ If restricted by superstructures —	ROUND OF BEAM CORRECTION. Moulded Breadth (B) 57'-0" Standard Round of Beam = $\frac{B \times 12}{50} =$ 13.68 Ship's Round of Beam = 14.60 Difference = .32 Restricted to Correction = $\frac{\text{Diff}^2}{4} \times \left(1 - \frac{S}{L} \right) =$.32 + .5926 = .9126
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DEDUCTION FOR SUPERSTRUCTURES.					
	Mean Covered Length (S)	Equivalent Enclosed Length (S ₁)	Height	Height Correction	Effective Length (E)
Poop enclosed	101.77	101.77	7'-6"		101.77
" overhang	103-0	17			17
R.Q.D. enclosed	33				
" overhang					
Bridge enclosed	32'-0"	32.00	7'-6"		32.00
" overhang aft	4'-33	.25			.25
" overhang forward	4'-33	.17			.17
F'cle enclosed	40.91	40.91	7'-6"		40.91
" overhang	3.09	1.55			1.55
Trunk aft					
" forward					
Tonnage opening aft					
" forward					
Total	178.76	176.82			176.82

Standard Height of Superstructure **7.5'**
 " " R.Q.D. **✓**
 Deduction for complete superstructure **42.00**
 Percentage covered $\frac{S}{L} =$ **41.19**
 " " $\frac{S_1}{L} =$ **40.74**
 " " $\frac{E}{L} =$ **31.74**
 Percentage from Table, Line A. **TANKER** **31.74**
 (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 = **42 + .3174 = 13.33**

SHEER CORRECTION.							
Station	Standard Ordinate	S M	Product	Actual Ordinate	Effective Ordinate	S M	Product
A.P.	53.40	1	53.40	4'-5"	53.00	1	53.00
1/4 L from A.P.	23.76	4	95.04	2'-1"	25.00	4	100.00
3/8 L	5.87	2	11.74	5"	5.00	2	10.00
Amidships	✓	4	✓	—	✓	4	✓
3/8 L from F.P.	11.75	2	23.50	1'-0"	12.00	2	24.00
1/4 L	47.52	4	190.08	3'-7"	43.00	4	172.00
F.P.	106.80	1	106.80	0'-4"	100.00	1	100.00
Total			480.56				459.00

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 " =
 Correction = $\frac{\text{Difference between sums of products}}{18} \left(.75 - \frac{S}{2L} \right) =$ **.65**
 If limited on account of midship superstructure. **54.40** If limited to maximum allowance of 1 1/2 ins. per 100 ft.

Deduction for Tropical Freeboard. Addition for Winter and Winter North Atlantic Freeboard. Depth to Freeboard Deck = 33.45 Summer freeboard = 6.42 Moulded draught (d) = 27.03 Deduction for Tropical freeboard and addition for Winter freeboard = $\frac{d}{4}$ inches = 7" Addition for Winter North Atlantic Freeboard (if required) = 1 1/2"	Deduction for Fresh Water. Displacement in salt water at summer load water line $\Delta =$ not available Tons per inch immersion at summer load water line T = 50.15 Deduction = $\frac{\Delta}{40 T}$ inches = 7 1/2"	TABULAR FREEBOARD corrected for Fresh Deck (if required) Correction for coefficient $\frac{784.68}{11.36} =$ 1.46 Depth Correction ... 13.56 Deduction for superstructures ... 13.33 Sheer correction65 Round of Beam correction05 Correction for Thickness of Deck amidships ... Other corrections, scantlings, etc. ... Summer Freeboard = 76.99
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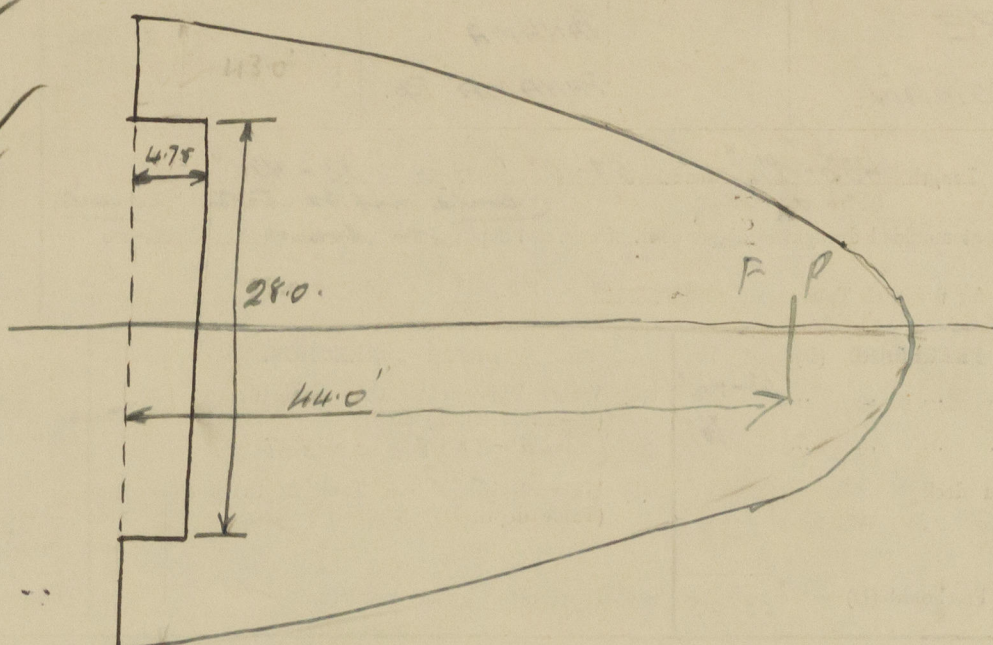
SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, ~~Wood~~ Steel, Deck :-

Tropical Fresh Water Line above Centre of Disc	...	36.9
Fresh Water Line	"	191.1 m/m.
Tropical Line	"	17.8
Winter Line below	"	17.8
Winter North Atlantic Line	"	29.2

Tropical Fresh Water Freeboard	...	19.55 m/m.
Fresh Water	"	17.64
Tropical	"	17.77
Winter	"	21.33
Winter North Atlantic	"	22.47

A new form should be prepared if any alterations that affect the freeboard have been made. If no such alterations have been made, the Surveyor should endorse the form on this side with his signature and the date.

$$\begin{aligned} \text{Length of keel} &= 44.00. \checkmark \\ - \frac{4.75 \times 28.0}{43.0} &= - \frac{3.09}{40.91} \checkmark \\ \text{Length} &= 3.09 \checkmark \end{aligned}$$



Trade of ship OCEAN TRADE.

Names of sister ships ✓

Builder's name and yard number SIR J. LAING & SONS LTD. 11-1930.

Owners MARTINICA COMPANIA NAVIERA S.A., PANAMA CITY, PANAMA RP.

Fee 420.-



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