

Received
Index No.
Govt. Copy
Owners C11

DEPTH FOR FREEBOARD (D).		DEPTH CORRECTION.		ROUND OF BEAM CORRECTION.	
Moulded depth	10.950	(a) Where D is greater than Table depth		Moulded Breadth (B)	20.40
Stringer plate	23	(D-Table depth) R =		Standard Round of Beam = $\frac{B \times 12}{50}$	408 mm
Wood Sheathing on exposed deck		8.33(10.973 - 9.824) 30 = 287 mm		Ship's Round of Beam	400 mm
T $\left(\frac{L-S}{L}\right) =$		(b) Where D is less than Table depth (if allowed)		Difference	8
		(Table depth-D) R =		Restricted to	
Depth for Freeboard (D) =	10.973	If restricted by superstructures		Correction = $\frac{\text{Diff}^\circ}{4} \times \left(1 - \frac{S_1}{L}\right)$	$\frac{8}{4} \times 0.6244 = +1.25$ mm

	Mean Covered Length (S)	Equivalent Enclosed Length (S ₁)	Height	Height Correction	Effective Length (E)
Poop enclosed	34.616	34.616	2.290	✓	34.616
" overhang					
R.Q.D. enclosed					
" overhang					
Bridge enclosed					
" overhang aft					
" overhang forward					
F'cle enclosed	20.739	20.739	2.290	✓	20.739
" overhang					
Trunk aft					
" forward					
Tonnage opening aft					
" forward					
Total	55.355	55.355			55.355

Standard Height of Superstructure 2.290 m. ✓

" " R.Q.D. _____

Deduction for complete superstructure 1067 mm ✓

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

" " $\frac{S_1}{L} =$ } 37.56 ✓

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

Percentage from Table, Line A. TANKER 28.56 ✓
(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 = 1067 mm × 0.2856 = 305 mm ✓

Station	Standard Ordinate	S M	Product	Actual Ordinate	Effective Ordinate	S M	Product
A.P. ...	1482 ✓	1	1482 ✓	1150	1150	1	1150 ✓
$\frac{1}{8}$ L from A.P. ...	658 ✓	4	2632 ✓	551	551	4	2204 ✓
$\frac{2}{8}$ L ...	165 ✓	2	330 ✓	150	150	2	300 ✓
Amidships ...	○	4	○	○	○	4	○
$\frac{2}{8}$ L from F.P. ...	329 ✓	2	658 ✓	300	300	2	600 ✓
$\frac{1}{8}$ L ...	1316 ✓	4	5264 ✓	1102	1102	4	4408 ✓
F.P. ...	2963 ✓	1	2963 ✓	2302	2302	1	2302 ✓
Total ...			13329 ✓				10964 ✓

$$\frac{\text{Mean actual sheer forward}}{\text{Mean standard sheer forward}} =$$

Length of enclosed superstructure
I. forward of amidships =
" " aft of =

} DEFICIENT
SHEERS

Correction = $\frac{\text{Difference between sums of products}}{18} \left(.75 - \frac{S}{2L} \right) = \frac{2365}{18} (0.75 - 0.1878) = + 74 \text{ mm}$
 If limited on account of midship superstructure. If limited to max

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

2122

2262

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

+	-
287 ✓	305 ✓
74 ✓	✓
1 ✓	✓
✓	✓
✓	✓
362 ✓	305 ✓

28/12/59.

Summer Freeboard = 2319 mm

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

Tropical Fresh Water Line above Centre of Disc	369	✓
Fresh Water Line	191	✓
Tropical Line	178	✓
Winter Line below	178	✓
Winter North Atlantic Line	305	✓

Tropical Fresh Water Freeboard	2018	✓
Fresh Water	2196	✓
Tropical	2209	✓
Winter	2565	✓
Winter North Atlantic	2692	✓

FREEBOARDS
RE-ASSIGNED

13 1 DEC 1959

5m.6.56. T.

004881 - 004886 - 0142

Georgios Manolakis.

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.

Length of Ship:-

<i>Q.R.S. to 0</i>	<i>m</i> <i>0.500</i> ✓ <i>+85</i>
<i>0-10:- 10 @ 610 m/m</i>	<i>6.100</i> ✓
<i>43-10:- 33 @ 760 m/m</i>	<i>25.080</i> ✓
<i>49-43:- 6 @ 734 m/m</i>	<i>4.404</i> ✓
<i>50-49:- 1 @ 916 m/m</i>	<i>.916</i> ✓
<i>155-50:- 105 @ 760 m/m</i>	<i>79.800</i> ✓
<i>168-155:- 13 @ 685 m/m</i>	<i>8.905</i> ✓
<i>169-168:- 1 @ 916 m/m</i>	<i>.916</i> ✓
<i>188-169:- 19 @ 685 m/m</i>	<i>13.015</i> ✓
<i>200-188:- 12 @ 610 m/m</i>	<i>7.320</i> ✓
<i>200 - PP :</i>	<i>404</i> ✓
	<i>147.360</i> ✓

Length of Prop:-

<i>Q.R.S. to 0</i>	<i>m</i> <i>0.500</i> ✓
<i>0-10:- 10 @ 610 m/m</i>	<i>6.100</i> ✓
<i>43-10:- 33 @ 760 m/m</i>	<i>25.080</i> ✓
<i>47-43:- 4 @ 734 m/m</i>	<i>2.936</i> ✓
	<i>34.616</i> ✓

Length of Side

<i>200 to PP</i>	<i>404</i> ✓
<i>200-188:- 12 @ 610 m/m</i>	<i>7.320</i> ✓
<i>169-188:- 19 @ 685 m</i>	<i>13.015</i> ✓
	<i>20.739</i> ✓

Trade of ship

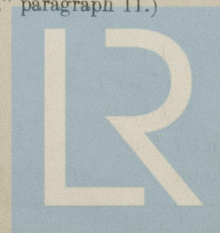
Names of sister ships

Builder's name and yard number

Owners

Fee £

List of plans forwarded for reference. (See "Instructions to Surveyors, Part 4, 1950," paragraph 11.)



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