

Modification on account
of strengthening for
9-1/4" more draught

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

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

Ship's Name Anthony "GULFSIDE"	Official Number 170000	Nationality and Port of Registry Panama British Montreal, P.Q.	Gross Tonnage 7126	Date of Build 1944	Port at Survey MONTREAL, P.Q.
Moulded Dimensions: Length Breadth Depth					Date at Survey January, 1951.
Moulded displacement at moulded draught = 85 per cent. of moulded depth tons					Surveyor's Signature <i>Shubler</i>
Coefficient of fineness for use with Tables					Particulars of Classification *100 A1 with freeboard

DEPTH FOR FREEBOARD (D).	DEPTH CORRECTION.	ROUND OF BEAM CORRECTION.
Moulded depth	(a) Where D is greater than Table depth (D-Table depth) R =	Moulded Breadth (B)
Stringer plate	(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) =		Difference =
		Restricted to
		Correction = $\frac{\text{Diff}^2}{4} \times \left(1 - \frac{S_1}{L} \right) =$

DEDUCTION FOR SUPERSTRUCTURES.

	Mean Covered Length (S)	Equivalent Enclosed Length (S ₁)	Height	Height Correction	Effective Length (E)	
Poop enclosed						Standard Height of Superstructure
„ overhang						„ „ R.Q.D.
R.Q.D. enclosed						Deduction for complete superstructure
„ overhang						Percentage covered $\frac{S}{L} =$
Bridge enclosed						„ „ $\frac{S_1}{L} =$
„ overhang aft						„ „ $\frac{E}{L} =$
„ overhang forward						Percentage from Table, Line A. (corrected for absence of forecastle (if required))
F'cle enclosed						Percentage from Table, Line B. (corrected for absence of forecastle (if required))
„ overhang						Interpolation for bridge less than 2L (if required)
Trunk aft						Deduction =
„ forward						
Tonnage opening aft						
„ „ forward						
Total						

SHEER CORRECTION.

Station	Standard Ordinate	S M	Product	Actual Ordinate	Effective Ordinate	S M	Product
A.P.		1				1	
1/4 L from A.P.		4				4	
2/8 L „		2				2	
Amidships		4				4	
2/8 L from F.P.		2				2	
1/4 L „		4				4	
F.P.		1				1	
Total							

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

Mean actual sheer aft
Mean standard sheer aft

Mean actual sheer forward
Mean standard sheer forward

Length of enclosed superstructure forward of amidships =
L

„ „ aft of „ =

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.

Ft.
Depth to Freeboard Deck = 37.39
Summer freeboard = 9.79
Moulded draught (d) = 27.60

Deduction for Tropical freeboard and addition for Winter freeboard = $\frac{d}{4}$ inches = 6.9 = 7"

Addition for Winter North Atlantic Freeboard (if required) =

Deduction for Fresh Water.

Displacement in salt water at summer load water line
 $\Delta = 14207$ tons
Tons per inch immersion at summer load water line
T = 48.4

Deduction = $\frac{\Delta}{40 T}$ inches
= 7.33
= 7-1/4"

TABULAR FREEBOARD corrected for Flush Deck (if required)
Correction for coefficient $\frac{.771 + .68}{1.36} = 1.451/1.36$

Depth Correction	28.71	-
Deduction for superstructures	-	-
Sheer correction	-	.45
Round of Beam correction	-	.09
Correction for Thickness of Deck amidships	-	-
Other corrections, scantlings, etc.	.55	-
	29.26	.54

Summer Freeboard = 117.50

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, ~~WOOD~~, Steel, Deck :-

Tropical Fresh Water Line above Centre of Disc	36.2 1/4" 14-1/4"	Tropical Fresh Water Freeboard	8'-9-1/2" 2984 3/4"
Fresh Water Line	18.4 " 7-1/4"	Fresh Water	8'-7-1/4" 2622 "
Tropical Line	17.8 " 7"	Tropical	9'-2-1/4" 2800 "
Winter Line below	17.8 " 7"	Winter	9'-2-1/2" 2806 "
Winter North Atlantic Line	not assigned	Winter North Atlantic	10'-4-1/2" 3162 "

