

As a steamer.

Lloyd's Register of Shipping. SURVEYS FOR FREEBOARD. (COMPUTATION FOR STEAMER, SAILING SHIP, TANKER.)

Ship's Name: L. G. G. (L. ir) Official Number: Nationality and Port of Registry: Gross Tonnage: Date of Build: Port of Survey: Date of Survey: 11.9.47 Surveyor's Signature: Particulars of Classification: Moulded Dimensions: Length 184.00 Breadth 38.00 Depth 11.25 to 4. deck. Moulded displacement at moulded draught = 85 per cent. of moulded depth tons Coefficient of fineness for use with Tables .85 assumed.

DEPTH FOR FREEBOARD (D). Moulded depth 11.25 Stringer plate assumed .03 Sheathing on exposed deck T (L-S)/L = Depth for Freeboard (D) = 11.28 DEPTH CORRECTION. (a) Where D is greater than Table depth (D-Table depth) R = (b) Where D is less than Table depth (if allowed) (Table depth-D) R = (12.27-11.28) 1.415 = -1.40 .99 If restricted by superstructures yes = hid. ROUND OF BEAM CORRECTION. Moulded Breadth (B) 38.00 Standard Round of Beam = B x 12 / 50 = 9.12 Ship's Round of Beam = hid. Difference 9.12 Restricted to Correction = Diff x (1-S/L) = 9.12 x .235 / 4 = +.54

DEDUCTION FOR SUPERSTRUCTURES. Mean Covered Length (S) Equivalent Enclosed Length (S1) Height Height Correction Effective Length (E) Poop enclosed R.Q.D. enclosed Bridge enclosed F'cle enclosed Trunk aft Tonnage opening aft Total 140.75 140.75 9' 15.56 29.65 Standard Height of Superstructure 6.00 R.Q.D. 3.56 Deduction for complete superstructure 24.40 Percentage covered S/L = 76.50 S1/L = 16.11 Percentage from Table, Line A. 8.06-5 (corrected for absence of forecastle (if required)) = 3.06 Percentage from Table, Line B. (corrected for absence of forecastle (if required)) Interpolation for bridge less than .2L (if required) Deduction = 24.4 x .0306 = -.75

SHEER CORRECTION. Station Standard Ordinate S M Product Actual Ordinate Effective Ordinate S M Product A.P. 28.40 1 1/4 L from A.P. 4 3/4 L 2 Amidships 4 3/4 L from F.P. 2 1/4 L 4 F.P. 56.80 1 Total 255.60 Correction = Difference between sums of products / 18 (.75 - S/2L) = 200.60 / 18 (.3675) = +4.10 If limited on account of midship superstructure. Mean actual shear aft = Sufficient Mean standard shear aft = Sufficient Mean actual shear forward = Sufficient Mean standard shear forward = Sufficient Length of enclosed superstructure forward of amidships = 7.1 aft of = 7.1

Deduction for Tropical Freeboard. Addition for Winter and Winter North Atlantic Freeboard. Raised Quarter Ft. Depth to Freeboard Deck = 12.03 Summer freeboard = 2.99 Moulded draught (d) = 9.04 Deduction for Tropical freeboard and addition for Winter freeboard = d/4 inches = 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 = Delta / 40 T inches TABULAR FREEBOARD corrected for Flush Deck (if required) Correction for coefficient .85 + .68 = 1.53 / 1.86 Depth Correction Deduction for superstructures Sheer correction Round of Beam correction Correction for Thickness of Deck amidships Other corrections, scantlings, etc. Summer Freeboard = 35.88

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Deck. Tropical Fresh Water Line above Centre of Disc Fresh Water Line Tropical Line Winter Line below Winter North Atlantic Line Tropical Fresh Water Freeboard Fresh Water Tropical Winter Winter North Atlantic

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.

88°
54
71
2
142
1-3

Trade of ship

Names of sister ships

Builder's name and yard number

Owners

Fee £.....



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Foundation