

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

Ship's Name: "LUGANSK"
Official Number: 879
Nationality and Port of Registry: RUSSIAN ODESSA
Gross Tonnage: 22,000 APPROX 22,262
Date of Build: FEB 1962
Port of Survey: HIROSHIMA, JAPAN
Date of Survey: DURING CONSTRUCTION
Surveyor's Signature: J.F.K. TOBIN
Particulars of Classification: +100A1 OIL TANKER (CONTEMPLATED)

DEPTH FOR FREEBOARD (D).
Moulded depth: 14.250
Stringer plate: 25.5/26
Sheathing on exposed deck: T(L-S)/L = 14.276
DEPTH CORRECTION.
(a) Where D is greater than Table depth (D-Table depth) R = 8.33(14.276-13.000)30 = +319 m/m
(b) Where D is less than Table depth (if allowed) (Table depth-D) R =
If restricted by superstructures
ROUND OF BEAM CORRECTION.
Moulded Breadth (B): 27.000
Standard Round of Beam = B x 78 / 50 = 540
Ship's Round of Beam (Equiv) = 438
Difference = -102
Restricted to
Correction = Diff / 4 x (1 - S1/L) = 102 / 4 x .6510 = +17 m/m

DEDUCTION FOR SUPERSTRUCTURES.
Table with 5 columns: Mean Covered Length (S), Equivalent Enclosed Length (S1), Height, Height Correction, Effective Length (E). Rows include Poop enclosed, R.Q.D. enclosed, Bridge enclosed, F'cle enclosed, Trunk aft, Tonnage opening aft, and Total.

SHEER CORRECTION.
Table with 8 columns: Station, Standard Ordinate, S, Product, Actual Ordinate, Effective Ordinate, S, Product. Rows include A.P., 1/8 L from A.P., 3/8 L, Amidships, 5/8 L from F.P., 7/8 L, F.P., and Total. Includes calculations for mean actual and standard sheer aft and forward.

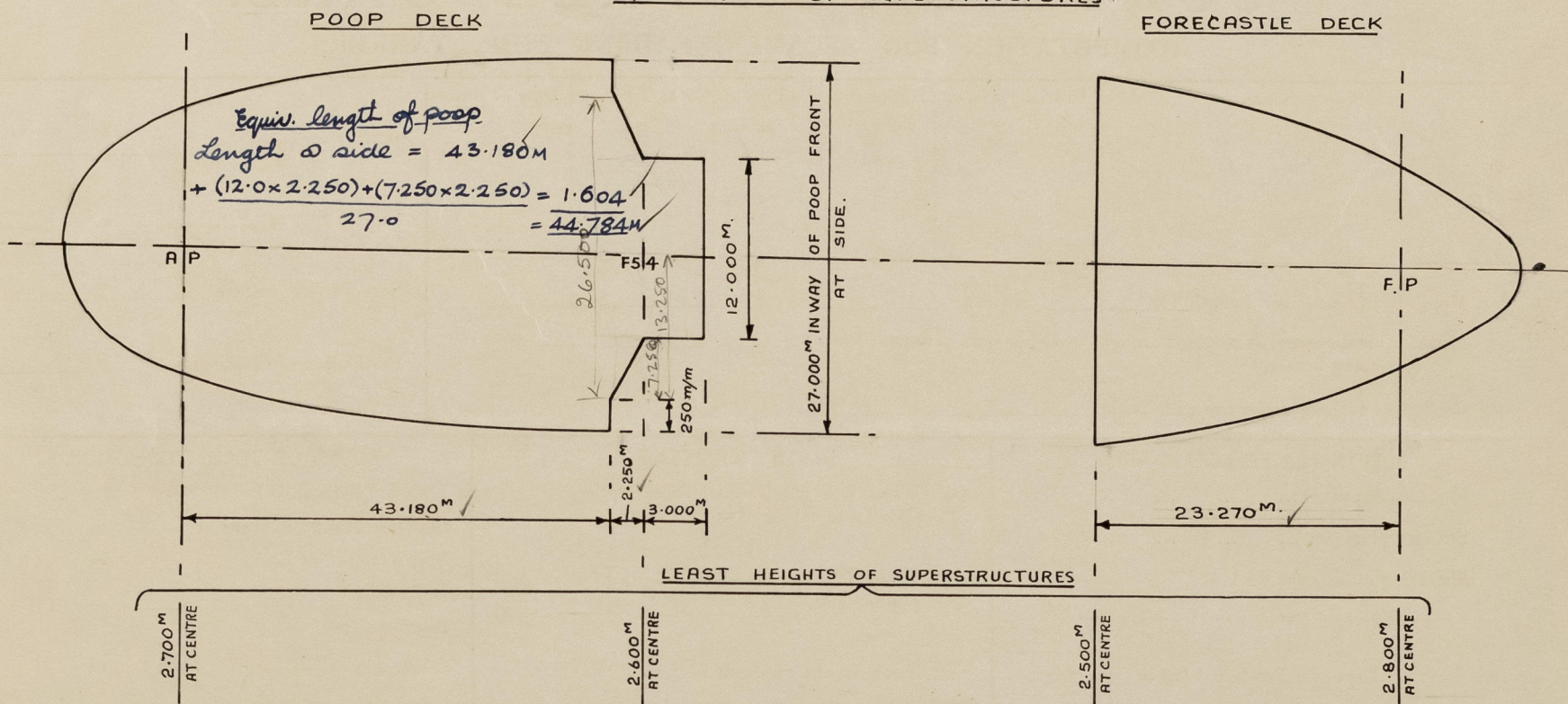
Correction = Difference between sums of products / 18 = (12067 - 54) x .75 - .1745 = +355 m/m
If limited on account of midship superstructure.
Deduction for Tropical Freeboard.
Addition for Winter and Winter North Atlantic Freeboard.
Deduction for Fresh Water.
TABULAR FREEBOARD corrected for Fresh Deck (if required)
Correction for coefficient = 793 + 68 / 1.36 = 1.473 / 1.36
Depth Correction: 319
Deduction for superstructures: 276
Sheer correction: 355
Round of Beam correction: 17
Correction for Thickness of Deck amidships:
Other corrections, scantlings, etc.

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Deck :-
Table with 4 columns: Line, Fresh Water Line, Tropical Line, Winter Line, Winter North Atlantic Line. Includes values for Tropical Fresh Water Freeboard, Fresh Water, Tropical, Winter, and Winter North Atlantic.

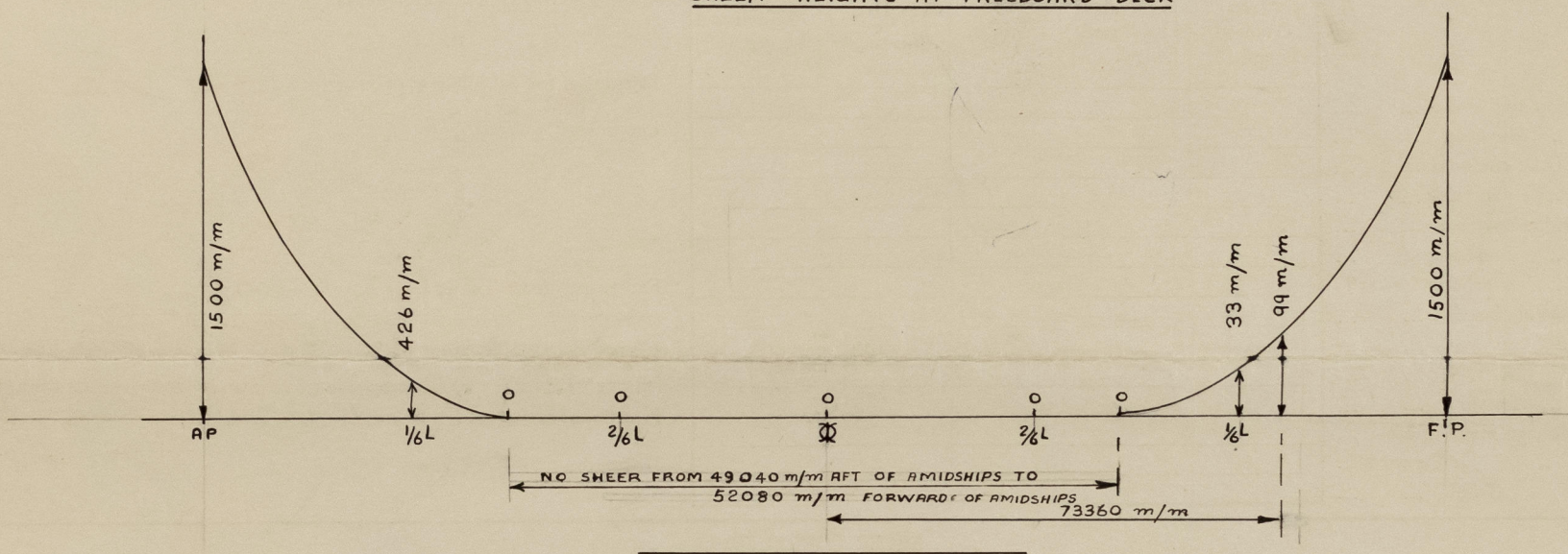


A new form should be prepared if any alterations that affect the freeboard have been made. If no such alterations have been made, the Surveyor should endorse the form on this side with his signature and the date.

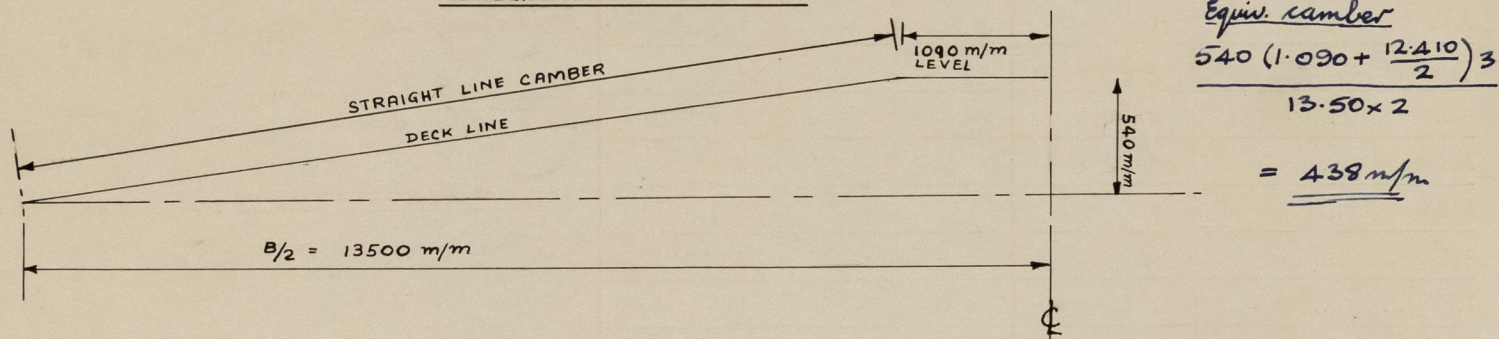
# DISPOSITION OF SUPERSTRUCTURES



## SHEER HEIGHTS AT FREEBOARD DECK



## CAMBER ON FREEBOARD DECK



Trade of ship INTERNATIONAL

Names of sister ships NONE

Builder's name and yard number MITSUBISHI SHIPBUILDING & ENGINEERING CO LTD, HIROSHIMA. SHIP No 145

Owners V/O SUDOIMPORT, MOSCOW, U.S.S.R.

Fee £ :



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