

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.-STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey London
Date of Survey 15, 20 July 1932
Name of Surveyor

PARANA

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
Ex. GABOON	<u>British</u> <u>Argentine</u>	137434	3297	1915-3	+100 A1
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	337.0	48.5	22.6	2971.10
Length on LOADLINE.	336.5	Frame Depth 8 Rule " 5 1/2 2 1/2 - 42	Ceiling <u>fitted</u> Sheer + 38 <u>Level tank top</u>	Peak <u>Inclu</u> Tanks <u>10" framing in each space + 3 tons</u>
CORRECTED DIMENSIONS.	336.5	48.08	22.98	2974.10

Co-efficient of fineness..... 80
Any modification necessary }
[Para. 4 (a) to (e)]* } 02 Cell & B.
Co-efficient as corrected 78

Sheer { Stem..... 6-3 } 9-6" ÷ 2 = 57" ...Mean
at { Sternpost ... 3-3 }
Sheer at 1/2 of the length from { Stem 3-6 } 5-3/8 ÷ 2 = 31.56 ...Mean
{ Sternpost 1-98 } ÷ 55 = 57.38
Gradual mean Sheer 57.19
Standard mean Sheer [Table, Para. 18] 43.65 Correction
Difference..... 13.54 ÷ 4 = 3.38
§ If limited as Para. 18 (f) -3 1/2

Rise in Sheer { At front of bridge house.....
from amidships {
[Para. 18 (e)] { At after end of forecastle

Fall in Sheer }
Para. 18 (d) } ÷ 2 =
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 2-7 1/2
Correction for Length, if required (Para. 12, 13, and 14) 2 1/2
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } 5-8 1/4
Difference 2-10 1/4
Percentage as below..... 34.11%

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle.....			
Bridge House			
† Raised Qr. Dk.....			
Poop.....			
Total			
Length of Ship			
Corresponding percentage { (Para. 11, 12, 13, or 14) }			

Freeboard recommended amidships from centre of Disc to top of Statutory Deck Line. Wood (Steel) Deck:—

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Deck:—			
Tropical Fresh Water Line above Centre of Disc ...	9 1/4	Tropical Fresh Water Freeboard ...	3-3 1/2
Fresh Water Line " " " " ...	5 1/4	Fresh Water " " " " ...	3-7 1/2
Tropical Line " " " " ...	4	Tropical " " " " ...	3-8 3/4
Winter Line below " " " " ...	4 1/2	Winter " " " " ...	4-5 1/4
Winter North Atlantic Line " " " " ...		Winter North Atlantic " " " " ...	

Moulded Depth as measured..... 25'-0"

Addition for Keel below base line
for draught record.....inches.

NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 336.5
Length in Table 300.0
Difference 36.5
Correction for 10ft., Table A. 1.3 Table C. .7
× Difference divided by 10 47.45 (if required.) = 2.55
If 1/10ths length covered divide by 2 + 4 3/4 + 2 1/2

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered 5264
Thickness of usual wood deck, less stringer 3 1/2
3" plating in wells, correction for iron deck = 3" .5264 9 1/2 = 14 total 3 1/4

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 47-11 1/2
Round of Beam 12
Normal round..... 12
Difference ÷ 2 = ✓
Proportion of Deck uncovered (Para. 19)

NOTE.—The round of beam should be reported on the full breadth of vessel at the gunwale.

Freeboard, Table A 5-7
Correction for Sheer 3 1/2
Correction for Length 4 3/4
Allowance for Deck Erections 11 3/4
Correction for Round of Beam..... ✓
Correction for fall in Sheer (if any)..... ✓
Correction for Steel Deck (if required) 3 1/4
Additions for non-compliance with provisions of }
Para. 11 (d) and (e) † }
Other Corrections (if any) ✓

Winter Freeboard 4-5 1/4
Summer Freeboard 4-1
Indian Summer Freeboard 3-8 3/4
N.A. Winter Freeboard

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side.

Winter Freeboard from deck line
Summer " " " "
Indian Summer " " " "
N.A. Winter " " " "

J.M.M.
26.7.32

27 JUL 1932