

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.~~

*N.Y. Rtd CHUBUT*

Port of Survey *Cardiff*  
Date of Survey *4 in June 1932*  
Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
ZAPALA	<del>London</del> Buenos Aires	147656	4895	1924-5m	✠ 100 A 1
Number in Register Book	<del>British</del> Argentine				

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	400.0	52.0	27.25	4547.67
Length on LOADLINE.	399.54	Frame Depth 12 Rule " 6 - 1.0	Ceiling FITTED Sheer + 1.18 Draft in hold 4 1/4" + .17	Peak Tanks } <i>See</i>
CORRECTED DIMENSIONS.	399.54	51.0	28.60	4547.67

Moulded Depth as measured..... 29' - 9"

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

Addition for Keel below base line  
for draught record..... $2\frac{1}{4}$ ...inches.

### CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	399.54	
Length in Table .....	357.00	
Difference .....	<u>42.54</u>	
Correction for 10ft., Table A. ....	1.5	Table C.
× Difference divided by 10 .....	6.38	(if required.)
If $\frac{1}{10}$ ths length covered divide by 2	+ 6 $\frac{1}{2}$	

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10 this length covered ..... 467  
 Thickness of usual wood deck, less stringer ..... 5 1/2  
 1.634 - 1 3/4

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	50' - 0"	round of beam should be report- ed on the full breadth of the vessel at the gunwale.
Round of Beam .....	13	
Normal round.....	12 1/2	
Difference .....	1/2 ÷ 2 = ..... 1/4	
Proportion of Deck uncovered (Para. 19) .....	53 1/2 - 1/4	

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

Co-efficient of fineness..... . 7689  
Any modification necessary }  
[Para. 4 (a) to (e)]\* } - .02 C.D.B  
Co-efficient as corrected ..... . 77

Sheer { Stem..... 11'9" } 182'2"  $\div 2 = 91'25"$  ...Mean  
 at { Sternpost ... 63'2" }

Sheer at  $\frac{1}{8}$  of the length from { Stem 67'2" } 107'  $\div 2 = 53'50"$  ...Mean  
 { Sternpost 34'2" }

Gradual mean Sheer .....  $\frac{91'25" + 92'72"}{2} = 91'98"$   
 Standard mean Sheer [Table, Para. 18] ..... 49'95" Correction  
 Difference.....  $42'03" \div 4 = 10'51"$

§ If limited as Para. 18 (f) .....  $-10'12"$

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

Fall in Sheer }  $\div 2 =$   
 Para. 18 (d) }  
 Length uncovered ..... Correction ✓

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C.....	4 - 3 1/2
Correction for Length, if required (Para. 12, 13, and 14) .....	+ 3 1/2
	<hr/> 4 - 7
Freeboard by Table A. corrected for sheer, and for length, }	
if required (Para. 11, 12, 13, and 14) }	7 - 1 1/2
Difference .....	<hr/> 2 - 6 1/2
Percentage as below.....	29.69

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

Allowance for Deck Erections ..... - 9"

	Length.	Length allowed.	Height.
Forecastle.....	41.42	41.42	7' 9"
Bridge House .....	102.66 + 9.32 + 2.32 114.30	112.17	"
+ Raised Q. Dk.....			
Poop.....	33.00	33.00	"
Total .....		186.59 = 467	
Length of Ship .....		399.54	
Corresponding percentage {	29.69		
(Para. 11, 12, 13, or 14) {			

Freeboard, Table A .....	7
Correction for Sheer .....	- 10 1/2
	<hr/> 6. 7
	6 1/2
Correction for Length .....	<hr/> 7. 1 1/2
	- 9
Allowance for Deck Erections .....	<hr/> 6. 4 1/2
	- 1/4
Correction for Round of Beam.....	<hr/> 6. 4 1/4
Correction for fall in Sheer (if any).....	
Correction for Steel Deck (if required) .....	- 3/4
	<hr/> 6. 2 1/2
Additions for non-compliance with provisions of { ..... } ✓ Para. 11 (d) and (e) ‡	
Other Corrections (if any) .....	✓

Winter Freeboard .....	6	2 1/2
Summer Freeboard .....	5	9 1/4
Indian Summer Freeboard .....	5	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       "       "       "       " .....	

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

Tropical Fresh Water Line above Centre of Disc ... ..	12½	Tropical Fresh Water Freeboard ... ..	4 - 8¾
Fresh Water Line " " " " " "	7	Fresh Water " " " " " "	5 - 2¼
Tropical Line " " " " " "	5½	Tropical " " " " " "	5 - 3¾
Winter Line below " " " " " "	5	Winter " " " " " "	6 - 2¼
Winter North Atlantic Line " " " " " "	-	Winter North Atlantic " " " " " "	-

Aug. 2, 32

MARKING FORM  
27 NOV 1958  
RECEIVED

MARKING FORM  
26 JUL 1935  
RECEIVED

MARKING FORM  
RECEIVED 11 JAN 1933

RECEIVED 9 JUN 1937

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