

# 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

Date of Survey

Name of Surveyor

23<sup>rd</sup> Apr 1932

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>"ASTRIANA" OR. INGA</u>	<u>Panama City</u>	<u>4624</u>	<u>522</u>	<u>1906-8</u>	<u>+100-A-1.</u>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>166-5</u>	<u>28-2</u>	<u>11-94</u>	<u>414-42</u>
Length on LOADLINE.	<u>164-0</u>	Frame Depth Rule "	Ceiling Sheer <u>+59</u>	Peak } Tanks }
		<u>-16</u>	<u>11-49</u>	
Corrected DIMENSIONS.	<u>164-0</u>	<u>28-04</u>	<u>12-38</u>	<u>414-42</u>

Co-efficient of fineness..... .42  
Any modification necessary. } 611 D.B.  
[Para. 4 (a) to (e)]\* }  
Co-efficient as corrected ..... .40

Sheer { Stem..... 63 } 96 ÷ 2 = 48 ...Mean  
at { Sternpost ... 33 }  
Sheer at  $\frac{1}{2}$  of the length from { Stem 34 } 56 ÷ 2 = 38 ...Mean  
{ Sternpost 19 }  
Gradual mean Sheer .....  
Standard mean Sheer [Table, Para. 18] ..... 16-02 Correction  
Difference..... 16-02 ÷ 4 = -2  
If limited as Para. 18 (f) .....  
Correction

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..... 0' 5 $\frac{1}{4}$ "  
Correction for Length, if required (Para. 12, 13, and 14) .....  
Freeboard by Table A, corrected for shear, and for length, if required (Para. 11, 12, 13, and 14) } 2' 1 $\frac{1}{4}$ "  
Difference ..... 1' 8  
Percentage as below..... 24.52%

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }  
Allowance for Deck Erections ..... 5 $\frac{1}{2}$ "

	Length.	Length allowed.	Height.
Forecastle.....	<u>22-33'</u>	<u>22-33</u>	
Bridge House .....			
† Raised Qr. Dk.....			
Poop.....	<u>49-50</u>	<u>49-50</u>	
Total .....	<u>41-83</u>	<u>41-83</u>	<u>8 = 344 eight</u>
Length of Ship .....	<u>164</u>	<u>164</u>	
Corresponding percentage (Para. 11, 12, 13, or 14) } <u>24.52%</u>			

Moulded Depth as measured..... 13' 10"  
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..... 164'  
Length in Table ..... 166  
Difference .....  
Correction for 10ft., Table A. .... 96 Table C. 5  
× Difference divided by 10 ..... (if required.)  
If  $\frac{1}{10}$ ths length covered divide by 2 ✓

## CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered ..... .43  
Thickness of usual wood deck, less stringer ..... 3  
Star deck full length -1 $\frac{1}{4}$ "

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 28'  
Round of Beam ..... 10  
Normal round..... 4  
Difference ..... 3 ÷ 2 = 1 $\frac{1}{2}$   
Proportion of Deck uncovered (Para. 19) ..... 54  
Correction

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

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

Winter Freeboard ..... 1' 3 $\frac{3}{4}$ "  
Summer Freeboard ..... 1' 2 $\frac{1}{4}$ "  
Indian Summer Freeboard .....  
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: 356

Tropical Fresh Water Line above Centre of Disc	<u>4<math>\frac{3}{4}</math></u>	<u>121</u>	Tropical Fresh Water Freeboard	<u>235</u>	<u>0' 9<math>\frac{1}{4}</math>"</u>
Fresh Water Line	<u>3<math>\frac{1}{4}</math></u>	<u>83</u>	Fresh Water	<u>173</u>	<u>0' 10<math>\frac{3}{4}</math>"</u>
Tropical Line	<u>1<math>\frac{1}{2}</math></u>	<u>38</u>	Tropical	<u>318</u>	<u>1' 0<math>\frac{3}{4}</math>"</u>
Winter Line below	<u>1<math>\frac{1}{2}</math></u>	<u>38</u>	Winter	<u>394</u>	<u>1' 3<math>\frac{1}{2}</math>"</u>
Winter North Atlantic Line	<u>3<math>\frac{1}{2}</math></u>	<u>89</u>	Winter North Atlantic	<u>445</u>	<u>1' 5<math>\frac{1}{2}</math>"</u>

26 SEP 1932

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RECEIVED 6 JUN 1934  
RECEIVED 29 MAY 1933

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87.B.  
23-9-32



