

# 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 1-12-32  
Name of Surveyor \_\_\_\_\_

Ship's Name, ANTINEA Port of Registry and Nationality, British  
Number in Register Book, Rover Cardiff Gross Tonnage, 2477 Date of Build, 1920-7 Particulars of Classification, +100 A.1

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>300.6</u>	<u>43.65</u>	<u>22.15</u>	<u>2234.22</u>
Length on LOADLINE.	<u>300</u>	Frame Depth $\frac{1}{2}$ Rule <u>5<math>\frac{1}{2}</math></u>	Ceiling <u>+20</u> Sheer <u>-48</u>	Peak } Incl. Tanks } Tonnage.
CORRECTED DIMENSIONS.	<u>300</u>	<u>42.99</u>	<u>21.87</u>	<u>2234.22</u>

Co-efficient of fineness..... .792  
Any modification necessary } C.D.B.  
[Para. 4 (a) to (e)]\* } .77  
Co-efficient as corrected .....

Sheer { Stem..... 72  
at { Sternpost 24 } 96  $\div 2 = 48$  ... Mean  
Sheer at  $\frac{1}{8}$  of the length from { Stem 17  
Sternpost 22 } 17 $\frac{1}{2}$   $\div 2 = 9\frac{3}{4}$  ... Mean  
Gradual mean Sheer plotted 22.74  
Standard mean Sheer [Table, Para. 18] ..... 40.00 Correction  
Difference..... 17.26  $\div 4 = 4\frac{1}{4}$   
§ If limited as Para. 18 (f) .....

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

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

### ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 21-5 $\frac{1}{2}$ "  
Correction for Length, if required (Para. 12, 13, and 14) ..... +  $\frac{1}{2}$ "  
21-6"  
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } 51-9"  
Difference ..... 31-3"  
Percentage as below..... 30.46  
11.8

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } 11 $\frac{3}{4}$ "  
Allowance for Deck Erections .....

	Length.	Length allowed.	Height.
Forecastle.....	<u>33.33</u>	<u>33.33</u>	<u>7.0</u>
Bridge House.....	<u>81.0 + 2.25</u> <u>S.H. Ford.</u>	<u>82.12</u>	<u>7.0</u>
† Raised Qr. Dk.....	<u>✓</u>	<u>✓</u>	<u>✓</u>
Poop.....	<u>28.16</u>	<u>28.16</u>	<u>7.5</u>
Total .....	<u>143.61</u>	<u>143.61</u>	<u>47.8</u>
Length of Ship .....	<u>300</u>		
Corresponding percentage } (Para. 11, 12, 13, or 14) }	<u>30.46%</u>		

Moulded Depth as measured..... 24-5 $\frac{1}{2}$ "  
Addition for Keel below base line for draught record..... inches.

### CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 300  
Length in Table ..... 293.5  
Difference ..... 6.5  
Correction for 10ft., Table A. .... 1.3 Table C. .7  
 $\times$  Difference divided by 10 ..... .845 (if required.) .455  
If  $\frac{1}{10}$ ths length covered divide by 2 +  $\frac{3}{4}$ " +  $\frac{1}{2}$ "

### CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered ..... 478  
Thickness of usual wood deck, less stringer ..... 3 $\frac{1}{2}$ " - 1 $\frac{3}{4}$ "

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 43.6  
Round of Beam ..... 10 $\frac{3}{4}$ "  
Normal round..... 10 $\frac{1}{8}$ "  
Difference .....  $\div 2 =$   
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 ..... 51-4 $\frac{1}{2}$ "  
Correction for Sheer ..... +4 $\frac{1}{2}$ "  
51-8 $\frac{1}{2}$ "  
Correction for Length ..... +  $\frac{3}{4}$ "  
51-9 $\frac{1}{2}$ "  
Allowance for Deck Erections ..... -11 $\frac{1}{2}$ "  
41-9 $\frac{1}{2}$ "  
Correction for Round of Beam.....  
Correction for fall in Sheer (if any).....  
Correction for Steel Deck (if required) ..... -1 $\frac{3}{4}$ "  
41-7 $\frac{1}{2}$ "  
Additions for non-compliance with provisions of }  
Para. 11 (d) and (e) † }  
Other Corrections (if any) .....

Winter Freeboard ..... 41-7 $\frac{1}{2}$ "  
Summer Freeboard ..... 41-3 $\frac{3}{4}$ "  
Indian Summer Freeboard ..... 41-0"  
N. A. Winter Freeboard ..... 41-9 $\frac{1}{2}$ "

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. } NIL.

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 239.222 inches  
Fresh Water Line " 144.127 " 1092 1075 11/4/33  
Tropical Line " ✓ 1219 " 1187 1170  
Winter Line below " ✓ 146 " 1219 " 1187 1170  
Winter North Atlantic Line " ✓ 146 " 1219 " 1187 1170

2 DEC 1932

MARKING FORM F.W. =  $\frac{5950}{40 \times 26.3} = 5.66 = 144.46$

20 JAN 1937

10 APR 1935

RECEIVED

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W458-0187

5.12.32

MARKING FOR  
1 SEP 1934