

SAT. 6 SEP 1902

# LOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

## SURVEYS FOR FREEBOARD. No. 20176.

*Alsa Shipbuilding Co's S.S. No. 108.*

REGULATIONS IN RESPECT OF STEAM SHIPS WITH TOP GALLANT FORECASTLES, RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR PORT POOP AND BRIDGE HOUSE DISCONNECTED, OR BRIDGE HOUSE:

Port of Survey *Glasgow*  
Date of Survey *White Building*  
Name of Surveyor *J. D. Dunthorn*

Ship's Name. <i>Antea</i>	Gross Tonnage.	Official Number. <i>115706</i>	Type of Ship. <i>Well Deck</i>	Date of Build. <i>1902</i>	Particulars of Classification. <i>*100A.1. Contemplated</i>
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Length *181.3* Breadth *27.2* Depth *11.05*  
Moulded Depth as measured..... *13.7 1/2*

$\frac{100}{27.2 \times 12.96} = .74$   
 Tons und. Dk. *427.99*  
 $\frac{427.99}{200} = 2.14$   
 $2.14 \times 100 = 214$   
 $214 \times .74 = 158.36$   
 $158.36 + 26.00 = 184.36$   
 $184.36 - 475.49 = -291.13$

CORRECTION FOR LENGTH:—

Length of Ship on load line..... *181.3*  
 Length in Table ..... *163.5*  
 Difference\* ..... *17.8*  
 Correction for 10ft., Table A. .... *.925* Table C.  
 × Difference\* divided by 10 ..... *1.64* (if required.)  
 If  $\frac{1}{10}$ ths length covered divide by 2 } *+ 3/4*  
 for vessels coming under para. 11 }

CORRECTION FOR IRON DECK:—

Proportion covered, if less than  $\frac{1}{10}$ ths length covered .....  
 Thickness of usual wood deck, less stringer..... *3*  
*P. No. 9408* - *3*

CORRECTION FOR ROUND OF BEAM:—

Round of Beam..... *7 1/2*  
 Normal round ..... *6 3/4*  
 Difference ..... *3/4* ÷ 2 = ..... *3/8*  
 Proportion of Deck uncovered (Para. 17) ..... *21* ✓

$\frac{4.3}{3.0} = 1.43$   
 $\frac{7.34}{2} = 3.67$  Mean  
 $\frac{2.5}{1.6} = 1.56$  Mean  
 $28.13 - 15.49 = 12.64$   
 $12.64 \div 4 = 3.16$  Correction

Sheer { At front of bridge house.....  
 At after end of forecastle .....  
 (e) }

ALLOWANCE FOR DECK ERECTIONS:—

Table C..... *0 - 11 3/4*  
 for Length, if required (Para. 12 and 13) .....  
 by Table A. corrected for sheer, and for length, if required (Para. 12 and 13) } *1 - 9 1/2*  
 as below..... *70.56*  
*- 7*

of R. Q. Dk. less than 4ft. high, or if engine and other openings not covered by bridge house	✓	
Correction for Deck Erections		
Length.	Length allowed.	Height.
<i>open at sides 33.5</i>	<i>28.08</i>	<i>7.0</i>
<i>house Centre 10.50</i>	<i>9.92</i>	<i>7.0</i>
<i>R. Dk. 100.33</i>	<i>100.33</i>	<i>4.0</i>
Total	<i>138.33</i>	
of Ship	<i>181.3</i>	<i>= 76.3</i>
ending percentage { 11, 12, or 13. }	<i>70.56</i>	<i>%</i>

BOARD recommended amidships from centre of Disc to top of Statutory Deck Line:—

Fresh Water Line above centre of Disc ...  
 Indian Summer Line " " " ...  
 Winter Line below " " ...  
 Winter North Atlantic Line " " " ...

Additions for non-compliance with provisions of Para. 11 (e) and (f) †

Other corrections (if any).....

Winter Freeboard .....  
 Summer Freeboard .....  
 N. A. Winter Freeboard .....

Correction necessary because clear side amidships measurement in accordance with the Statutes is not taken at intersection of the deck with side.

Winter Freeboard from deck line ‡ .....  
 Summer " " " " .....  
 N. A. Winter, " " " " .....

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Particulars should be stated on the back of this Form as to the character of the Erections, and whether closed in or not.

† State dimensions of freeing port area on the back of this form. ‡ Marked in accordance with Sec. 25, 76.



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ERASE WORDS WHICH DO NOT APPLY.

The Crew ~~are~~, are not, berthed in the bridge house.

The arrangements to enable them to get backwards and forwards from their quarters are, ~~are not~~, satisfactory.

Length of Bulwarks in well  $\times 2 \div$  = Sq. Ft. 38.7 Freeing Ports 20.74 both sides.

Ft. Tenths.  $\times$  Ft. Tenths.  $\times$  No. } each side = Sq. Ft. 26.25 both sides.  
3.0  $\times$  1.5  $\times$  2  
2.75  $\times$  1.5  $\times$  1

Total deficiency = Sq. Ft.

Total excess = 5.51

CHARACTER OF DECK ERECTIONS.

Do all the Frames extend to the top height in the Poop?

Do. do. do. do. Raised Quarter Deck? *Yes.*

Do. do. do. do. Bridge House? *Yes.*

Do. do. do. do. Forecastle? *Yes.*

To what height do the Reverse Frames extend? *to bulge stringer & gunwale alternately.*

Has the ~~Poop~~ or Raised Quarter Deck an efficient Iron Bulkhead at its fore end? *Yes.*

State whether the Bridge House efficiently covers the Engine and Boiler Openings *Covered by R. & D.*

Has the Bridge House an efficient Iron Bulkhead at the fore end? *Yes.*

Are efficient Doors fitted to the Passage Ways? *no passage ways.*

Describe how and to what extent it is Stiffened, by angle Irons, Bulb Plates, or otherwise *as per rule.*

Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes.*

Are efficient Doors fitted to the Passage Ways? *no passage ways.*

Are efficient Iron Doors fitted to the Passages of the Bridge House, or is it entered from above? *from above.*

Has the Forecastle an efficient Iron or Wood Bulkhead at its after end? *no open.*

Are the Hatchways efficiently constructed? *Yes.* State the height of the Coamings *42*

Are the Hatches solid? *Yes.* What is their thickness? *2 1/2*

Are the exposed parts of the Engine and Boiler Casings efficiently constructed? *Yes.*

State any special features in the construction of the Vessel -

*This is a sister vessel in every respect to the S.S. "The Princess" built by same Builders and for the same Owners.*

*The Freeboard Report on "The Princess", Glasgow No. 19937.*

*The approved tracings for these vessels are lodged with the fish entry report on "The Princess".*

Address *Alsa SBo. Ltd }  
Groom. }*

Received by me

