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## Verification Report.

MUN. 17 AUG 1903

pt. 11b.

## LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

## SURVEYS FOR FREEBOARD.

No. 21456

PARTICULARS IN RESPECT OF STEAM SHIPS WITH TOP GALLANT FORECASTLES  
HAVING LONG POOPS OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSE,  
OR SHORT POOP AND BRIDGE HOUSE DISCONNECTED, OR BRIDGE HOUSE.

Port of Survey Sunderland  
Date of Survey 13<sup>th</sup> Aug 1903  
Name of Surveyor J S Shute

Messrs S P Austin &amp; Sons No 223

Ship's Name. SS "S. Agnes" Gross Tonnage. ✓ Official Number. ✓ Type of Ship. Deck Date of Build. 1903 Particulars of Classification. 100 A1 Well D<sup>n</sup> (Contemplated)

Registered Length 227.8 Breadth 35.1 Depth 14.6Length on Loadline 227.3Breadth 35.1Depth 14.6 ✓ Tons 942.37 und. Dk. + 16.00

$$\frac{958.37 \times 100}{227.3 \times 35.1 \times 14.6}$$

Add 16 tons for lower part of aft peak tank.

Co-efficient of fineness .82 ✓Any modification necessary [Para. 4 (a) to (e)] -.02 ✓ Call Dk 16.00Co-efficient as corrected .80 ✓Sheer { Stem... 69 ✓ } 102 ÷ 2 = 51 ✓ Mean at Sternpost... 33 ✓Sheer at  $\frac{1}{2}$  of the length from { Stem = 39 } 60 ÷ 2 = 30 ✓ Sternpost = 21 ✓Standard Sheer (Table, Para. 16) 32.73 ✓ CorrectionDifference 18.27 ÷ 4 = -4.5 ✓Rise in Sheer { At front of bridge house... ✓ } from amidships { At after end of forecastle... ✓ } [Para. 16 (e)] Lowest point of sheer amidships

## ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C. 1.5 ✓Correction for Length, if required (Para. 12 and 13) ✓Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12 and 13) 11 ✓ 2.74 ✓Difference 1.23 ✓Percentage as below 63.96 % ✓Correction of R. Q. Dk. less than 4ft. high, or if engine and boiler openings not covered by bridge house ✓\* Allowance for Deck Erections -9.5 ✓Length. 26.0 ✓ Length allowed. 26.0 ✓ Height. 7.0 ✓Forecastle. 50.0 ✓ 50.0 ✓ 7.0 ✓Bridge House. 85.0 ✓ 85.0 ✓ 4.0 ✓Raised Qr. Dk. 161.0 ✓Total 227.3 = .708 ✓Length of Ship 227.3Corresponding percentage { = 63.96 % ✓

(Para. 11, 12, and 13)

FREEBOARD 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 " " " ...

18.8.03

Moulded Depth as measured 16.9 ✓

## CORRECTION FOR LENGTH:—

Length of Ship on load line 227.3 ✓  
Length in Table 201.0 ✓  
Difference\* 26.3 ✓  
Correction for 10ft., Table A. 1.06 ✓ Table C.  
× Difference\* divided by 10 2.76 (if required.) ✓  
If  $\frac{1}{10}$ ths length covered divide by 2 1.38 ✓  
for vessels coming under para. 11 + 1.5 ✓

P.N. 14998

## CORRECTION FOR IRON DECK:—

Proportion covered, if less than  $\frac{1}{10}$ ths length covered .708 ✓  
Thickness of usual wood deck, less stringer 3 ✓

-3. ✓

## CORRECTION FOR ROUND OF BEAM:—

Round of Beam 8.5 ✓  
Normal round 8.5 ✓  
Difference ✓ ÷ 2 = ✓

Proportion of Deck uncovered (Para. 17) ✓Freeboard, Table A 3.04 ✓Correction for Sheer -4.5 ✓Correction for Length +1.5 ✓Allowance for Deck Erections -9.5 ✓Correction for Round of Beam ✓Correction for Iron Deck (if required) -3 ✓

Additions for non-compliance with provisions of

Para. 11 (e) and (f) ✓Other corrections (if any) Extra sheathing bridge front, freeing ports, excess, flashings -1.5 ✓Winter Freeboard 1.74 ✓Summer Freeboard 1.54 ✓N. A. Winter Freeboard 1.104 ✓Correction necessary because clear side amidships measured in accordance with the Statutes is not taken at the intersection of the deck with side. +1.5 ✓Winter Freeboard from deck line† 1.84 ✓Summer " " " 1.64 ✓N. A. Winter, " " " 1.114 ✓

1.65 ✓

4. ✓

2. ✓

2. ✓

3. ✓

1.65 ✓

4. ✓

2. ✓

2. ✓

3. ✓

1.65 ✓

4. ✓

2. ✓

2. ✓

3. ✓

\* 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.

W538-0306

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~~, *satisfactory*.

Length of Bulwarks in well × 2 ÷  $\frac{66.3 \times 2}{5} = \text{Sq. Ft. } 26.52$  ✓

Ft. Tenths. × Ft. Tenths. × No. }  $\frac{2.75 \times 1.66 \times 8}{25\% \text{ excess}} = \text{Sq. Ft. } 36.52$  ✓

Total deficiency = Sq. Ft.

Total excess =  $10.00$

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? *Bull Angle Frames.*

Has the ~~Deck~~ 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 *yes*

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

Are efficient Doors fitted to the Passage Ways? ✓

Describe how and to what extent it is Stiffened, *Bull* angles, *8 1/2 x 3 x 10/20* plates, or otherwise *Kneed top & bottom*

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

Are efficient Doors fitted to the Passage Ways? *Closed*

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

Has the Forecastle an efficient Iron ~~or Wood~~ Bulkhead at its after end? *yes*

Are the Hatchways efficiently constructed? *yes* State the height of the Coamings *2'6" aft. 3'3" fore?*

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 *See plans enclosed (2)*

*means 7/18/03*  
A Provisional Freeboard was assigned to this vessel in the Secretary's Letter dated 6th February 1903. Sunderland Report No. 21233 & it is submitted that this freeboard be confirmed.

*J S Shute*

Owners

Address

Fee £

Received by me



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