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No 2340  
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# LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

SAT. 9 JUL 1893

## SURVEYS FOR FREEBOARD.

PARTICULARS IN RESPECT OF STEAM SHIPS WITH TOP GALLANT FORECASTLES, HAVING LONG POOPS OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR SHORT POOP AND BRIDGE HOUSE DISCONNECTED, OR BRIDGE HOUSE.				Port of Survey <i>Stockton-on-Tees</i>		
				Date of Survey <i>White building</i>		
				Name of Surveyor <i>Jesse Williams</i>		
Ship's Name. <i>"Guston"</i>		Gross Tonnage. <i>346</i>	Official Number. <i>✓</i>	Type of Ship. <i>As above</i>	Date of Build. <i>now fitting out for sea</i>	Particulars of Classification. <i>Class contemplated. 100 A 1 Steel with Freeboard.</i>
Number in Register Book <i>Popner Tons 42346</i>						
Registered Length <i>320'</i>	Breadth <i>44'</i>	Depth <i>21.95'</i>	Moulded Depth as measured..... <i>24'-3"</i>			
Length on Loadline..... <i>320'</i>						
Breadth..... <i>44'</i>						
Depth..... <i>21.95'</i>						
Tons <i>2545.43</i>		CORRECTION FOR LENGTH :—				
Including Deck <i>2545.43</i>		Length of Ship on load line..... <i>320. ✓</i>				
$\times 100 = 833. ✓$		Length in Table..... <i>291. ✓</i>				
$320 \times 44 \times 21.95 = 833. ✓$		Difference*..... <i>29. ✓</i>				
		Correction for 10ft., Table A..... <i>1.3. ✓</i>				
		Table C. <i>X.65</i>				
		(if required.)				
		$\times$ Difference* divided by 10.....				
		If $\frac{1}{10}$ ths length covered divide by 2. $\frac{29 \times 1.3}{10} = +3\frac{3}{4}$ $\frac{29 \times .65}{10} = +2.$				
Coefficient of fineness..... <i>833. ✓</i>		CORRECTION FOR IRON DECK :—				
Any modification necessary [Para. 4 (a) to (e)] <i>Cell 573</i>		Proportion covered, if less than $\frac{1}{10}$ ths length covered..... <i>426. -</i>				
Coefficient as corrected..... <i>82.81</i>		Thickness of usual wood deck, less stringer..... <i>3\frac{1}{2}</i>				
		<i>-1\frac{1}{2}</i>				
Sheer { Stem... <i>84</i> } <i>129. ÷ 2 = 64.5</i> ...Mean		CORRECTION FOR ROUND OF BEAM :—				
at { Sternpost... <i>45</i> }		Round of Beam..... <i>11</i>				
Sheer at $\frac{1}{8}$ of the length from { Stem <i>44</i> } <i>72 = 36" M.</i>		Normal round..... <i>10\frac{1}{2}</i>				
Sternpost <i>25</i>		Difference..... $\frac{1}{2} \div 2 = \frac{1}{4}$				
Standard Sheer (Table, Para. 16)..... <i>42. ✓</i>		Proportion of Deck uncovered (Para. 17)..... <i>5\frac{1}{4} ✓</i>				
Difference..... $22.5 \div 4 = -5\frac{1}{2}$						
Rise in Sheer { At front of bridge house.....		Freeboard, Table A..... <i>5 - 5\frac{1}{4}</i>				
from amidships { At after end of forecastle.....		Correction for Sheer..... <i>- 5\frac{1}{2}</i>				
[Para. 16 (e)]		Correction for Length..... <i>+ 3\frac{3}{4}</i>				
ALLOWANCE FOR DECK ERECTIONS :—		Allowance for Deck Erections..... <i>- 9.8\frac{1}{2}</i>				
Freeboard, Table C..... <i>3' - 0\frac{1}{2}</i>		Correction for Round of Beam.....				
Correction for Length, if required (Para. 12 and 13)..... <i>+ 2</i>		Correction for Iron Deck (if required)..... <i>- 1\frac{1}{2}</i>				
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12 and 13)..... <i>3' - 2\frac{1}{2}</i>		Additions for non-compliance with provisions of				
Difference..... <i>2 - 8.0\frac{1}{2}</i>		Para. 11 (e) and (f) +				
Percentage as below..... <i>36.27%</i>		Other corrections (if any) <i>North Middle deck omitted + 5</i>				
Correction of R. Q. Dk. less than 4ft. high, or if engine and boiler openings not covered by bridge house..... <i>9.8\frac{1}{2}</i>		Winter Freeboard..... <i>4 - 10. ✓</i>				
*Allowance for Deck Erections.....		Summer Freeboard..... <i>4 - 6\frac{1}{2}</i>				
		N. A. Winter Freeboard..... <i>5 - 2. ✓</i>				
		Correction necessary because clear side amidships measured in accordance with the Statutes is not taken at the intersection of the deck with side. <i>2</i>				
		Winter Freeboard from deck line†..... <i>5 - 0</i>				
		Summer „ „ „ „..... <i>4 - 8\frac{1}{2}</i>				
		N. A. Winter, „ „ „ „..... <i>5 - 4.</i>				
		4' - 8\frac{1}{2}				
		5				
		3\frac{1}{2}				
		3\frac{1}{2}				
		4\frac{1}{2}				
		amended regulations December 1892				
		Lloyd's Register Foundation				
		011890-011895-0229				
		2000-30/12/96-Trans. Ink.				
		12. 7. 98				
		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.				



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.  
Freeing Ports.

Ft.	Tenths.	Ft.	Tenths.	No.	}	= Sq. Ft.
	$\times$		$\times$			
	$\times$		$\times$			

Total deficiency = Sq. Ft.

Total excess =

CHARACTER OF DECK ERECTIONS.

Do all the Frames extend to the top height in the Poop? *Yes.*

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

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

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

To what height do the Reverse Frames extend? *As per Rule.*

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 *Yes*

Has the Bridge House an efficient Iron Bulkhead at the fore end? *Yes Watertight bulkhead (comes 5 feet sweep).*

Are efficient Doors fitted to the Passage Ways? *Watertight doors fitted to small openings in bulkhead*

Describe how and to what extent it is Stiffened, by angle Irons, Bulb Plates, or otherwise *As Rule*

Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes. With an opening on each side.*

Are efficient Doors fitted to the Passage Ways? *Shifting boards fitted to openings in usual way*

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

Has the Forecastle an efficient Iron or Wood Bulkhead at its after end? *Iron bulkhead with opening at 7-0 wide. Crew berthed on each side of this passage with iron bulkhead at fore end.*

Are the Hatchways efficiently constructed? *Yes* State the height of the Coamings *48 1/2 + 36 inches.*

Are the Hatchés solid? *Yes.* What is their thickness? *2 3/8.*

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

State any special features in the construction of the Vessel

*In the Secretary's letter dated 4<sup>th</sup> September 1897 this vessel was provisionally assigned the freeboard recommended hereon, and it is submitted that same be now confirmed.*

*Lessee Williams.*

Owners *✓*

„ Address *✓*

Fee £ *✓ : ✓ : ✓*

Received by me *✓*



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