

# Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD. THUR, 22 MAR 1906

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 Brecon  
Date of Survey 20<sup>th</sup> & 21<sup>st</sup> March 1906  
Name of Surveyor D. M. Anslan

*George Frusher*

Delete words which do not apply.

Ship's Name. <b>ex "CARLSTON"</b>	Gross Tonnage. <b>662</b>	Official Number. <b>113975</b>	Type of Ship. <b>Wheel Deck</b>	Date of Build. <b>1901-Some.</b>	Particulars of Classification. <b>* 700 A.1.</b>
Number in Register Book <b>367</b>					<b>1.1.36. 1-05</b>

Registered Length as shown by ship's register. **185.2** Breadth **29.2** Depth **10.5**  
Length on Loadline **185.2**  
Breadth **29.2**

Moulded Depth as measured **13-4**

NOTE. - If the depth is measured when vessel is afloat, the details of measurement should be reported.

Depth to ordnance **12.66** Tons und. Dk. **503.41**  
Correction for excess or deficiency of Gradual Sheer (Para. 3) **.42**  
Depth to be used **13.08** × 100

CORRECTION FOR LENGTH.  
Length of Ship on Loadline **185.2**  
Length in Table **160**  
Difference **25.2**  
Correction for 10ft., Table A. **.9** Table C.  
× Difference divided by 10 **2.26** (if required.)  
If  $\frac{2}{10}$ ths length covered divide by 2 for vessels coming under Para. 11 and Para. 12 **+ 1**

Efficient of fineness **.71**  
Modification necessary [Para. 4 (a) to (e) \*] **Increased depth of framing**  
Efficient as corrected **.78**

CORRECTION FOR IRON DECK.  
Proportion covered, if less than  $\frac{1}{10}$ ths length covered **3**  
Thickness of usual wood deck, less stringer **- 3**

Mean depth at  $\frac{1}{2}$  of the length from Stem **59.5** Sternpost **28**  
 $87.5 \div 2 = 43.75$  Mean  
Mean depth at  $\frac{1}{4}$  of the length from Stem **33** Sternpost **16**  
 $49 \div 2 = 24.5$  Mean

CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships **7 1/2**  
Round of Beam **7 5/16**  
Normal round **7 5/16**  
Difference **0** ÷ 2 = **0**  
Proportion of Deck uncovered (Para. 19) **0**

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

Standard Sheer (Table, Para. 18) **78.52** Correction  
Difference **15.23** ÷ 4 = **- 3 3/4**

Rise in Sheer from amidships  
At front of bridge house  
At after end of forecastle

ALLOWANCE FOR DECK ERECTIONS :-  
Freeboard, Table C **4 3/4**  
Correction for Length, if required (Para. 12 and 13) **0**  
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12 and 13) **1 - 8 3/4**  
Difference **1 - 4**  
Percentage as below **64.15%**

Freeboard, Table A **2 - 0 1/2**  
Correction for Sheer **- 3 3/4**  
**1 - 8 3/4**  
Correction for Length **+ 1**  
**1 - 9 3/4**  
Allowance for Deck Erections **- 9 3/4**  
**1 - 0**

Correction for engine and boiler openings not being covered by bridge house, in cases coming under Para. 11 **+ 1/2**  
Allowance for Deck Erections **- 9 3/4**

Correction for Round of Beam **0**  
Correction for Iron Deck (if required) **- 3/9**  
Additions for non-compliance with provisions of Para. 11 (d) and (e) **0**  
Other corrections (if any) **0**

	Length.	Length allowed.	Height.
Forecastle	34	28.56	7-0
Bridge House	11	11	7-0
Raised Qr. Dk.	107.4	107.4	4-0
Top			

Winter Freeboard **9 3/4**  
Summer Freeboard **7 1/2**  
N. A. Winter Freeboard **3 1/2**  
Correction necessary because clear side amidships measured in accordance with the Statutes is not taken at the intersection of the wood or iron deck with side **+ 1**

Total **140.96**  
Length of Ship **185.2** = **.761**

Winter Freeboard from deck line § **10**  
Summer " " " " **8**  
N. A. Winter, " " " " **1 - 0 1/2**

Corresponding percentage (Para. 11, 12, or 13.) **64.15%**

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :-  
Fresh Water Line above centre of Disc **8"**  
Indian Summer Line " " **3"**  
Winter Line below " " **2"**  
Winter North Atlantic Line " " **2"**

Amended Tables March 1906  
Lloyd's Register Foundation  
100-503m  
2555-0071

§ If the frames skin planking or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.  
† In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R. Q. D. is to be taken from the level of the top of the amidship beam.

DELETE 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

38'-7" ✓

Area of freeing ports required by Para. 11 (e) each side of vessel

10.4 Sq. Ft.

Freeing Ports (each side of vessel)

Ft.	Tenths.	Ft.	Tenths.	No.	}
2-5	x	1-42	x	3	
	x		x		

= 10.65 Sq. Ft. each side.

Total deficiency = Sq. Ft.

Total excess = .75 "

Vertical distance from bottom of keel or from top of deck at side amidships to lower edge of lowest side scuttle.

(N.B.—This dimension need not be reported unless the sill of the lowest side scuttle would be less than 6 inches above the Indian Summer Load Line if assigned under the tables.)

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

Do. do. do. in the Raised Quarter Deck? ✓ Yes

Do. do. do. Bridge House? ✓ Yes

Do. do. do. Forecastle? ✓ Yes

To what height do the Reverse Frames extend? Bulk angle framing.

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? ✓ Yes forms aft end of B.H.

Give particulars of the means for closing the openings in Bulkhead 3 Brass scuttles fitted, 10 1/2" dia.

Is the Poop or raised Quarter Deck connected with the Bridge House? ✓ Yes

State whether the Bridge House efficiently covers the Engine and Boiler Openings Machinery covered by

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

Give particulars of the means for closing the openings in Bulkhead 4 scuttles fitted 10 1/2" dia.; no

Describe how and to what extent it is Stiffened, give scantlings and spacing of Angle Irons, Bulb

Plates, etc. Inaccessible on account of cabin fittings &.

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

How are the openings closed? Brass scuttles fitted, 10 1/2" dia.

Is the forecastle at least as high as the main or top-gallant rail? ✓ Yes

Has the Forecastle an efficient Iron or Wood Bulkhead at its after end? ✓ Yes in way of side houses, see

Are the Hatchways efficiently constructed? ✓ Yes What is the thickness of the Hatches? 2 1/2" solid.

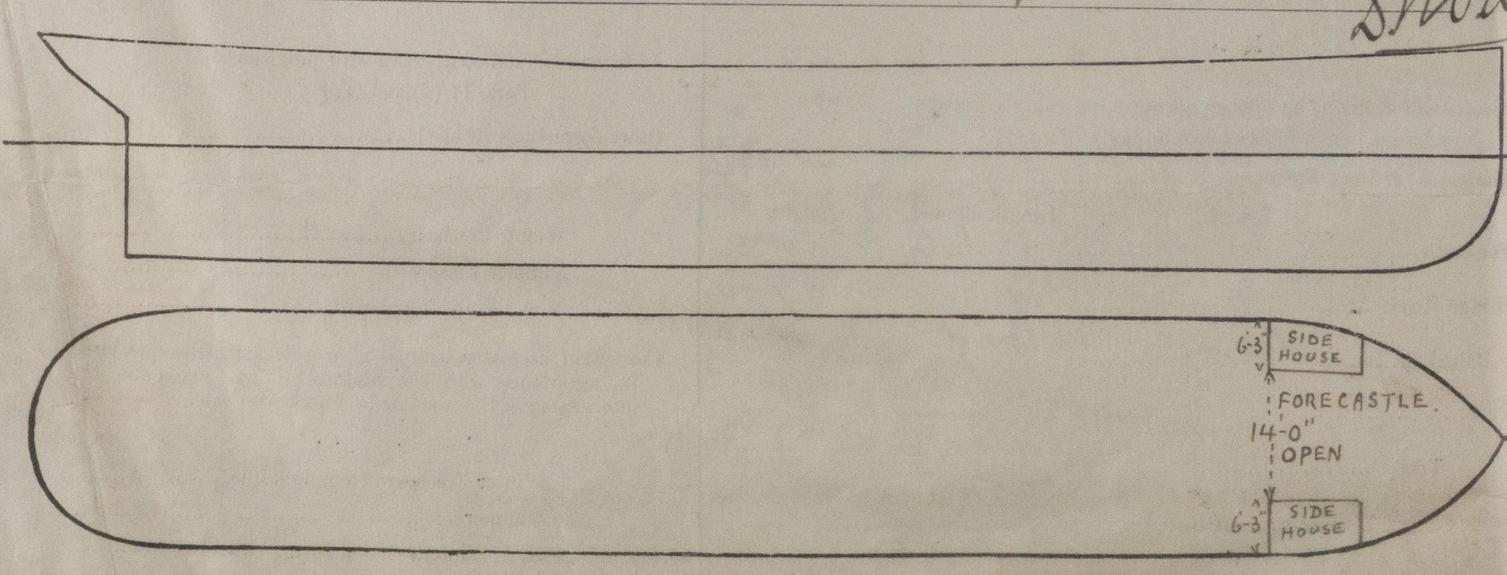
State the height of the Coamings in fore well? 33" In after well 33"

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

State any special features in the construction of the Vessel: This vessel is now undergoing

damage repairs at this Port and the Owner's request, as per their letter attached, a revised

see board.



Show hereon the actual measurements of sheer, draft, erections, breaks in line of floors, &c.

Owners \_\_\_\_\_

Address \_\_\_\_\_

Fee £ 2 : 2 : - Received by me

21/3/06. S.H.K.

