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Lloyd's Register of British & Foreign Shipping.  
SURVEYS FOR FREEBOARD.

ARTICULARS 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 Sunderland  
Date of Survey 22<sup>nd</sup> August 1906  
Name of Surveyor JSShute

Delete words which do not apply.  
Messrs R Thompson & Sons No 243

Ship's Name. <u>SS Cedargrove</u>	Gross Tonnage. <u>2242.85</u>	Official Number. <u>✓</u>	Type of Ship. <u>12<sup>th</sup> Dept 7.9</u>	Date of Build. <u>1906</u>	Particulars of Classification. <u>+ 100 A1 Steel (Contemplated)</u>
Number in Register Book <u>✓</u>					

Registered Length as shown by ship's register. 299 Breadth 44.5 Depth 19.9  
Length on Loadline 299.0  
Breadth 44.5  
Deep framing Breadth to use 43.84  
Depth 19.9  
Correction for excess or deficiency of Gradual Sheer (Para. 3) + .66  
Depth to be used 20.5679  
Tons und. Dk. 2242.85  
× 100

Moulded Depth as measured 22'-3"  
NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

Co-efficient of fineness .82  
Any modification necessary [Para. 4 (a) to (e)] ✓  
Co-efficient as corrected .80

CORRECTION FOR LENGTH.  
Length of Ship on Loadline 299.0  
Length in Table 267.0  
Difference 32  
Correction for 10ft., Table A. 1.2 Table C. .6  
× Difference divided by 10 3.84 (if required.) 1.92  
If  $\frac{1}{10}$ ths length covered divide by 2 for vessels coming under Para. 11 and Para. 12 29 + 3 3/4 29 + 2

Sheer { Stem... 99 } 144 ÷ 2 = 72 ... Mean  
at { Sternpost... 45 }  
Sheer at  $\frac{1}{2}$  of the length from { Stem 54.5 } 79.5 ÷ 2 = 39.75 Mean  
{ Sternpost 25.0 }  
Gradual Sheer 72  
Standard Sheer (Table, Para. 18) 39.9 Correction  
Difference 32.1 ÷ 4 = -8

CORRECTION FOR IRON DECK.  
Proportion covered, if less than  $\frac{7}{10}$ ths length covered .4348  
Thickness of usual wood deck, less stringer 3 1/2  
- 1 1/2

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

CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships Main D<sup>th</sup> = 43.4  
Round of Beam 11  
Normal round 11  
Difference ✓ ÷ 2 = ✓  
Proportion of Deck uncovered (Para. 19) ✓

ALLOWANCE FOR DECK ERECTIONS:—  
Freeboard, Table C. 1. 10 3/4  
Correction for Length, if required (Para. 12 and 18) + 2  
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12 and 18) 4. 3 3/4  
Difference 27 1/2  
Percentage as below 27.43 27.3%

Freeboard, Table A 4.84  
Correction for Sheer - 8  
Correction for Length 4.04  
Allowance for Deck Erections + 3 3/4  
Correction for Round of Beam 4. 3 3/4  
Correction for Iron Deck (if required) - 1 1/2  
Additions for non-compliance with provisions of Para. 11 (d) and (e) 3. 7 6/4  
Other corrections (if any) ✓

ALLOWANCE FOR DECK ERECTIONS:—			
	Length.	Length allowed.	Height.
Forecastle	31.0	31.0	7.0
Bridge House	74.0	74.0	7.0
+ Raised Or. Dk.			
Poop	25.0	25.0	7.0
Total		130.0	43.48
Length of Ship	299.0		

Winter Freeboard 3. 7 6/4  
Summer Freeboard 3. 8 3/4  
N. A. Winter Freeboard 3. 8 8/4  
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. + 2  
Winter Freeboard from deck line 3. 8 8/4  
Summer " " " 3. 8 5/4  
N. A. Winter, " " " 3. 8 10/4

Corresponding percentage { (Para. 11, 12, and 18.) } 27.43%

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

Amended Tables March 1906.  
2 SEP 1907  
W438-0061  
Lloyd's Register Foundation



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 are satisfactory.

Length of Bulwarks in well

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

Freeing Ports (each side of vessel)

Ft.	Tenths.	Ft.	Tenths.	No.
	x		x	
	x		x	

Vertical distance from bottom of keel or from to

(N.B.—This dimension need not be reported unless Indian Summer Load Line is assigned under the tables.)

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

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

Do. do. do. Bridge House?

Do. do. do. Forecastle?

To what height do the Reverse Frames extend? *Deep Bull Angle Framing.*

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

Give particulars of the means for closing the openings in Bulkhead *Steel coamings 1'-6" & storm boards full height.*

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 *Yes.*

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

Give particulars of the means for closing the openings in Bulkhead *Hinged iron doors.*

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

~~Plates~~, etc. *8 x 3 x 1/2" & 8 1/2 x 3 1/2 x 1/20 at doors spaced 30" & bracketed top & bottom*

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

How are the openings closed? *Steel coamings 1'-6" & storm boards half height.*

Is the forecastle at least as high as the main or top-gallant rail? *= 7'-0"*

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

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

State the height of the Coamings in fore well? *3'-0"* In after well *2'-6"*

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)*

*2 Plans returned 1.9.05*  
*A Provisional Freeboard was assigned to this vessel in the Secretary's Letter dated 27<sup>th</sup> October 1905. See Sunderland Freeboard Report No. 22483.*

*JSShube*

*P.S. As this vessel is nearing completion we have to request that the freeboards to be recommended may be issued to us to tomorrow morning.*

*Th*

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

Owners

Address

Fee £

Received by me



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