

# Lloyd's Register of British & Foreign Shipping

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

22665  
#32070

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey *Glasgow*  
Date of Survey *While building*  
Name of Surveyor *R. D. Cairns*

*Messrs J. Fullerton & Co. No 225*  
*NEY - Mr. Roger Bacon*  
*55 Clydeholm*

Ship's Name	Port of Registry and Nationality	Official Number	Gross Tonnage	Date of Build	Particulars of Classification
<i>55 Clydeholm</i>	<i>Glasgow British</i>	<i>135432</i>	<i>809</i>	<i>1912</i>	<i>+100 A.1. Contemplated.</i>

Registered dimensions from Ship's Register	LENGTH	BREADTH	DEPTH	UNDER DECK TONNAGE
	<i>199.2</i>	<i>30.15</i>	<i>11.2</i>	<i>567.88</i>
Length on LOADLINE	<i>199</i>	Frame Depth Rule <i>3.5</i>	Ceiling Sheer <i>36</i>	Peak Tanks <i>550</i>
CORRECTED DIMENSIONS	<i>199</i>	<i>29.79</i>	<i>12.69</i>	<i>622.88</i>

Moulded Depth as measured..... *13'-7"*  
*14-2 1/2*  
*2-8 1/2*  
*11-6*

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<i>199</i>
Length in Table .....	<i>163</i>
Difference .....	<i>36</i>
Correction for 10ft., Table A. ....	<i>.9</i>
× Difference divided by 10 .....	<i>3.24</i> (if required.)
If 1/10ths length covered divide by 2	<i>1.62</i>

Co-efficient of fineness..... *.82.81*  
 Any modification necessary [Para. 4 (a) to (e)]\*  
 Co-efficient as corrected ..... *.82.79.82 highest in Table.*

PN = 11000. CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered ....	<i>75.34</i>
Thickness of usual wood deck, less stringer .....	<i>3.5 - 1/2 = 3</i>

Sheer { Stem..... *61* } *92 ÷ 2 = 46* ... Mean  
 at { Sternpost ... *31* }  
 Sheer at 1/2 of the length from { Stem *31* } *47 ÷ 2 = 23 1/2* ... Mean  
 Sternpost *16* }  
 Gradual mean Sheer ..... *42.72* ÷ 55 = *42.72*  
 Standard mean Sheer [Table, Para. 18] ..... *29.9* Correction  
 Difference..... *16.4 ÷ 4 = 4.1*  
 § If limited as Para. 18 (f)..... *3.20*

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<i>30'-0"</i>
Round of Beam .....	<i>7 1/2</i>
Normal round.....	<i>7 1/2</i>
Difference .....	<i>0</i>
Proportion of Deck uncovered (Para. 19) .....	<i>0</i>

Rise in Sheer from amidships { At front of bridge house..... ✓  
 [Para. 18 (e)] { At after end of forecastle ..... ✓  
 Fall in Sheer { Lowest point of Sheer *2*  
 Para. 18 (d) } ÷ 2 =  
 Length uncovered ..... Correction

Freeboard, Table A .....	<i>2-2 41</i>	<i>2-2 1/2</i>
Correction for Sheer .....	<i>3.20</i>	<i>3 3/4</i>
Correction for Length .....	<i>1.62</i>	<i>1 1/2</i>
Allowance for Deck Erections .....	<i>10.20</i>	<i>10 3/4</i>
Correction for Round of Beam.....	<i>1-2.63</i>	<i>1-2 1/2</i>
Correction for fall in Sheer (if any).....		
Correction for Iron Deck (if required).....	<i>3.06</i>	<i>3</i>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	<i>0 11.57</i>	<i>0 - 11 1/2</i>
Other Corrections (if any) .....		

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	<i>5.845</i>	<i>5 3/4</i>
Correction for Length, if required (Para. 12, 13, and 14) .....	<i>1-11.21</i>	<i>11 1/4</i>
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) .....	<i>1-10.34</i>	<i>10 3/4</i>
Difference .....	<i>1-5.335</i>	<i>5 1/2</i>
Percentage as below.....	<i>64.63.01</i>	<i>64.63.01</i>
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) .....	<i>10.92</i>	<i>10 3/4</i>
Allowance for Deck Erections .....	<i>4.2</i>	<i>4</i>

Winter Freeboard ..... *0 - 11 1/2*  
 Summer Freeboard ..... *0 - 10 1/2*  
 Indian Summer Freeboard ..... *0 - 1 1/4*  
 N. A. Winter Freeboard .....  
 Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the ~~wood~~ iron deck with side. *1/4*

	Length.	Length allowed.	Height.
Forecastle.....	<i>33.0 (open)</i>	<i>30.25</i>	<i>7-0</i>
Bridge House .....		<i>28.937</i>	
† Raised Qr. Dk.....	<i>121.0 closed</i>	<i>121.0</i>	<i>4-0</i>
Poop.....		<i>149.937</i>	
Total .....		<i>151.25</i>	
Length of Ship .....		<i>199</i>	

Winter Freeboard from deck line .....	<i>1 - 10 3/4</i>
Summer " " " " .....	<i>0 - 10 3/4</i>
Indian Summer " " " " .....	<i>0 - 10 3/4</i>
N. A. Winter " " " " .....	<i>0 - 10 3/4</i>
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the <del>wood</del> iron deck with side. <i>1/4</i>	

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~Wood~~ (Iron) Deck:—

Fresh Water Line	above centre of Disc	3
Indian Summer Line	" " "	3
Winter Line	below " " "	2
Winter North Atlantic Line	" " "	2

† 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.  
 § In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and stern-post

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 26 FEB 1931  
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WS29-0212

20.11.12  
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Do all the Frames extend to the top height in the Poop?  Raised Quarter Deck? *Yes* Bridge House?  Forecastle? *Yes*

To what height do the Reverse Frames extend? *across floors (double in E.B. space) built angle frames*

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 *no openings*

Is the Poop or Raised Quarter Deck connected with the Bridge House?  Has the Bridge House an efficient Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

What is the thickness of the Bridge Front plating?  and Coaming plate?

Give scantlings and spacing of the Stiffeners

Are bracket plates fitted at each end of the Stiffeners?  Are hor'l. brackets fitted connecting *Raised Q. D.* Bridge Bulk'd. with Bulwarks? *Yes*

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

How are the openings closed?

Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *no*

Are the Engine and Boiler openings covered by a *Bridge, Poop, Raised* Quarter Deck, or enclosed by a *Strong Iron or Steel Deckhouse*? *Yes*

If the openings are not so protected are the exposed parts of the Casings efficiently constructed?

Give thickness of plating; scantlings and spacing of Stiffeners

What is the height of the exposed Casings?  Are suitable means provided for closing all openings in them in bad weather?

Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:— *Yes*

Position and Size.	No. 1. 40'-4" x 16'-6"		No. 2. 36'-8" x 16'-6"		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
	Ship.	Rule.	Ship.	Rule.						
COAMING.	Height above top of DECK	3'-6"	2'-6"							
	Thickness { Sides..... Ends.....	.50 .40	.50 .40							
SHIFTING BEAMS OF WEB PLATES.	Number .....	Three	Three							
	Section and Scantlings .....	140" $\frac{3}{8}$ x 3 x 140	140" $\frac{3}{8}$ x 3 x 140							
	Material .....	Steel	Steel							
* FORE AND AFTERS.	Number .....	Three	Three							
	Section and Scantlings .....	$9\frac{1}{2}$ x $8\frac{1}{2}$ Centre $8\frac{1}{2}$ x $7\frac{1}{2}$ sides	$9\frac{1}{2}$ x $8\frac{1}{2}$ Centre $8\frac{1}{2}$ x $7\frac{1}{2}$ sides							
	Material .....	P.P.	P.P.							
HATCHES	Thickness .....	3" P.P.	3" P.P.							
Remarks.....										

\* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.  
(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake?  Strake between Main and Bridge Sheerstrakes?

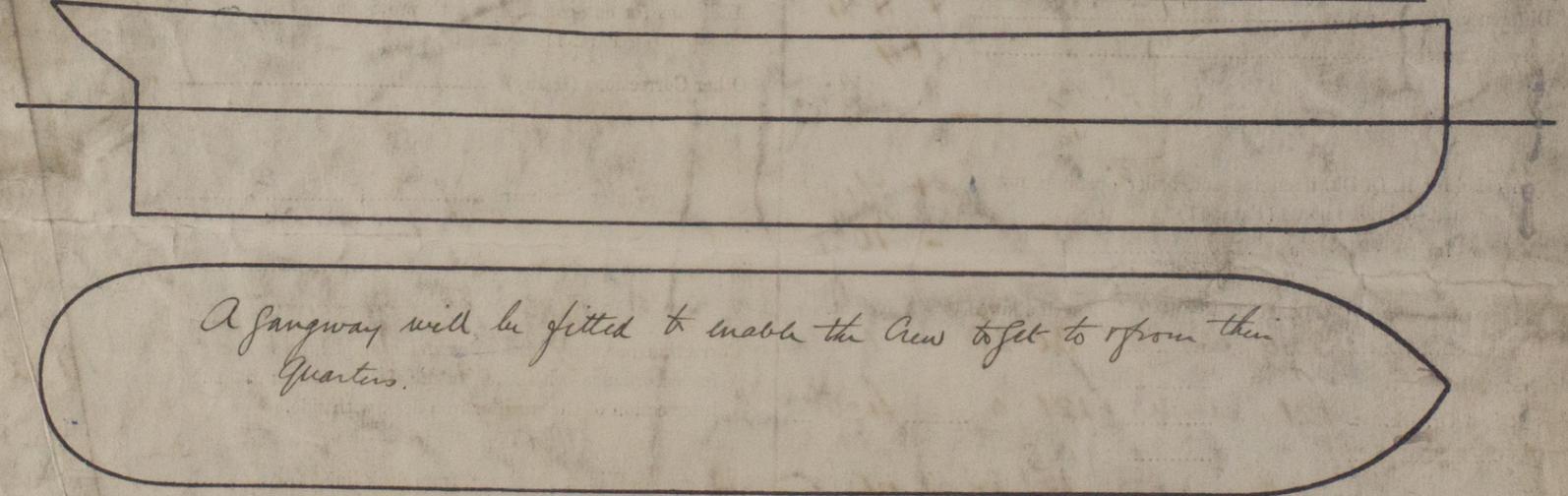
Delete the words *The Crew are not, berthed in the bridge house.*  
that do not apply *The arrangements to enable them to get backwards and forwards from their quarters are satisfactory.*

Length of Bulwarks in well *45'-10"*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *11.108* Sq. ft.

Ft. Tenths.	Ft. Tenths.	No.	} Freeing Ports (each side of vessel) = <i>11.25</i> Sq. ft.
2.5	1.5	3.	
x	x	x	

Total deficiency or excess = *.142* Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel. *This vessel is practically a duplicate of the same Builders No. 216 S.S. Clydebank. 2 approved plans enclosed for reference. Subboard Request attached.*

Owners \_\_\_\_\_  
Address \_\_\_\_\_  
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