

The Fairfield & Co No 479
Lloyd's Register of British & Foreign Shipping.
SURVEYS FOR FREEBOARD.—STEAM SHIPS.

MON. OCT. 9—1911

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No 30661.

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 *J. Mares*

Ship's Name.

Port of Registry
and Nationality.Official
Number.Gross
Tonnage.

Date of Build.

Particulars of Classification.

*Maunyanui**London**Colonial**752**1911**100 A-1 Contemplated*

Number in Register Book

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>430.8</i>	<i>55.7</i>	<i>31.2</i>	<i>5338.95</i>
Length on LOADLINE.	<i>430</i>	Frame Depth <i>62</i> Rule „ <i>62</i>	Ceiling <i>17</i> Sheer <i>+17</i>	Peak Tanks
CORRECTED DIMENSIONS.	<i>430</i>	<i>55.7</i>	<i>31.3</i>	<i>7</i>

Co-efficient of fineness.....

Any modification necessary

[Para. 4 (a) to (e)]*

Co-efficient as corrected

Sheer { Stem..... *72 1/2*
at { Sternpost .. *45 3/4* } $118 1/4 \div 2 = 59.12$ MeanSheer at 1/8 of the length from { Stem *43 3/4*
Sternpost. *2 1/2* } $65 1/2 \div 2 = 32.625$ MeanGradual mean Sheer *59.3* MeanStandard mean Sheer [Table, Para. 18] *53.0* CorrectionDifference..... $6.2 \div 4 = -1.3$

§ If limited as Para. 18 (f).....

Rise in Sheer { At front of bridge house.....
from amidships { At after end of forecastleFall in Sheer {
Para. 18 (d) } $\div 2 =$

Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... *5-9 1/4*

Correction for Length, if required (Para. 12, 13, and 14)

Freeboard by Table A. corrected for sheer, and for length,
if required (Para. 12, 13, and 14) *8-8 1/4*Difference *2-11*Percentage as below..... *72.7%*Correction for R. Q. Dk. if engine and boiler openings not
covered by bridge house (Para. 11)

Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle.....	<i>87.5</i>	<i>70.62</i>	<i>8-6</i>
Bridge House.....	<i>216.0</i>	<i>207.56</i>	
† Raised Qr. Dk.....			
Poop.....	<i>90.5</i>	<i>89.37</i>	
Total.....	<i>480.5</i>	<i>367.55</i>	
Length of Ship.....	<i>430</i>	<i>398.77</i>	<i>.927</i>
Corresponding percentage (Para. 11, 12, 13, or 14) }	<i>72.7%</i>		

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	„ „	

If the frames, skin plating, or ceiling are of unusual thickness the breadth of vessel to be used
of ceiling should be reported if possible.
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.Moulded Depth as measured..... *34-0**35.0**3-9 1/2**31.2 1/2*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>430</i>
Length in Table	<i>408 1/2</i>
Difference	<i>22 1/2</i>
Correction for 10ft., Table A.	<i>1.7</i> Table C.
× Difference divided by 10	<i>3.74</i> (if required.)
If 1/10ths length covered divide by 2	<i>+1 3/4</i>

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered

Thickness of usual wood deck, less stringer

2 1/2" wood sheathing

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<i>54-6</i>
Round of Beam	<i>12</i>
Normal round.....	<i>13.6</i>
Difference	<i>1.6</i> $\div 2 = .8$
Proportion of Deck uncovered (Para. 19)	<i>1.72</i>

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

Freeboard, Table A	<i>8-9 3/4</i>
Correction for Sheer	<i>-1 1/2</i>
	<i>8-8 1/4</i>
Correction for Length	<i>+1 1/4</i>
	<i>8-10</i>
Allowance for Deck Erections	<i>-2-1 1/2</i>
	<i>6-8 1/2</i>

Correction for Round of Beam.....

Correction for fall in Sheer (if any).....

Correction for Iron Deck (if required) *2 1/2" wood sheathing* $-1 1/2$
*6-7 1/2*Additions for non-compliance with provisions of
Para. 11 (d) and (e) †Other Corrections (if any)
Lower edge of lowest side light
above top of keel = 25.5 $+ 2-8 1/2$

Winter Freeboard	<i>9-4</i>
Summer Freeboard	
Indian Summer Freeboard	
N. A. Winter Freeboard	

Correction necessary because clearside amidships, measured
in accordance with the Statute is not taken at the
intersection of the wood or iron deck with side.

Winter Freeboard from deck line	<i>39-6</i>
Summer „ „ „ „	
Indian Summer „ „ „ „	
N. A. Winter „ „ „ „	

9-6 for all seasons

Amended Tables
March 1906.

State dimensions of freeing port area on back of this form.

The surveyor should state whether the fall in sheer as reported is measured relatively to the straight
line of keel or to the water line. If measured relatively to water line the vessel's draft at time of
survey, and also the usual load draft forward and aft, should be reported.

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Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? *yes* Bridge House *yes* Forecastle? *yes*
To what height do the Reverse Frames extend? *all to upper deck*
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 *Hinged Iron doors*
Is the Poop or Raised Quarter Deck connected with the Bridge House? *by main bulk* Has the Bridge House an efficient Bulkhead at the fore end? *yes*
Give particulars of the means for closing the openings in Bulkhead *Hinged Iron doors*
What is the thickness of the Bridge Front plating? *6/20* and Coaming plate? *6/20*
Give scantlings and spacing of the Stiffeners *3 x 2 1/2 x 6/20 spaced 3ft apart & two fore & aft bulkheads (one each side)*
Are bracket plates fitted at each end of the Stiffeners? *No* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwark? *No*
Has the Bridge House an efficient Iron Bulkhead at the after end? *yes 29'3" from after end*
How are the openings closed? *Hinged wood door*
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? *Open*
Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Covered by bridge*
If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *yes*
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? *yes*
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 Plank 11'-3" x 11'-11"		No 2 Plank 17'-1" x 15'-0"		No 3 Plank 10'-6" x 8'-0"		No 4 Plank 12'-10" x 11'-11"		No 5 Plank 13'-6" x 11'-11"	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	3'-9"	1'-6"	3'-9"	1'-6"	1'-3"		3'-9"	1'-6"	3'-9"	1'-6"
	Thickness {	Sides.....	.36	.36	.44		.36		.40		.40
		Ends.....	.36	.36	.40		.36		.36		.36
SHIFTING BEAMS OR WEB PLATES.	Number	one web	one shifting beam	one web	one web	1 shifting beam		1 web		1 web	
	Section and Scantlings	1L 24"x.4 3x3x.4		1L 24x.4 3x3x.4		1L 21x.40 3x3x.4		1L 24x.4 3x3x.4		1L 24x.4 3x3x.4	
	Material	steel		steel		steel		steel		steel	
* FORE AND AFTERS.	Number	three	three	three	three	one		three		three	
	Section and Scantlings	cr 7L 8x.34 3x2 3/4 x.3		cr 7L 11x.54 3x2 3/4 x.36		1 9x6 1/2 x.4		cr 7L 8x.4		cr 7L 8x.4	
	Material	main 1 6x4 1/2 x.34 steel		main 7L 8x.4 2 1/2 x 2 1/2 x.3		steel		main 1 6x4 1/2 x.34 steel		main 1 6x4 1/2 x.34 steel	
HATCHES Thickness		2 1/2" teak		2 1/2" teak		2 1/2" teak		2 1/2" teak		2 1/2" teak	
Remarks.....		gratings		gratings		gratings		gratings		gratings	

* 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 that do not apply

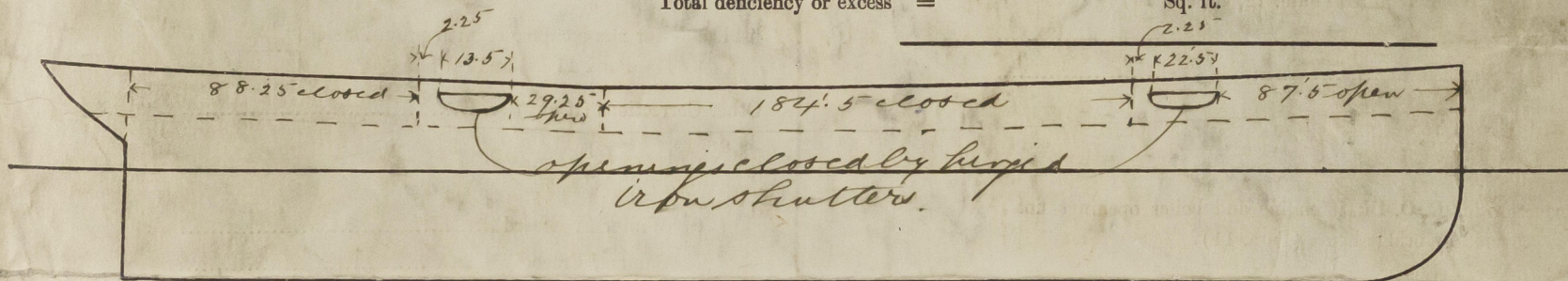
{	The Crew <i>are, are not</i> , berthed in the bridge house.
	The arrangements to enable them to get backwards and forwards from their quarters <i>are, are not</i> satisfactory.

Length of Bulwarks in well

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

Ft.	Tenths.	Ft.	Tenths.	No.	<div style="display: flex; align-items: center; justify-content: center;"> <div style="font-size: 4em; margin-right: 10px;">}</div> <div> Freeing Ports (each side of vessel) </div> <div style="margin: 0 10px;">=</div> <div>Sq. ft.</div> </div>
×		×			
×		×			

Total deficiency or excess = 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. The approved Midship Section & Profile are forwarded herewith also preboard request form.

Owners.

.. *Address*

Fee £

Received by me