

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.

SAT. 16 JUN 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 *Zvon.*
Date of Survey *14th June 1906*
Name of Surveyor *R. Wright.*

Regona No. 3 of San Sebastian.
Delete words which do not apply.

Ship's Name.	Gross Tonnage.	Official Number.	Type of Ship.	Date of Build.	Particulars of Classification.
<i>s/s. Matienzo.</i>	<i>2057</i>	<i>✓</i>	<i>One dk.</i>	<i>1899</i>	<i>* 100 A.1</i>
Number in Register Book <i>619</i>				<i>6 mo.</i>	<i>3,06</i>

Registered Length as shown by ship's register. *246.5* Breadth *40.5* Depth *17.95*
Length on Loadline *246.5*
Breadth *40.5*

Depth *17.95* Tons and Dk. *1720.63*
Correction for excess or deficiency of Gradual Sheer (Para. 8) *.48*
Depth to be used *18.43* × 100

Co-efficient of fineness *.82*
Any modification necessary [Para. 4 (a) to (e)*] *Coll. D.P. + deep framing*
Co-efficient as corrected *.81*

Sheer at Stem *90* at Sternpost *42* $132 \div 2 = 66$ Mean
Sheer at $\frac{1}{2}$ of the length from Stem *49.5* Sternpost *23.0* $72.5 \div 2 = 36.25$ Mean
Gradual Sheer *65.9*
Standard Sheer (Table, Para. 18) *37.65* Correction
Difference $28.25 \div 4 = -7$

Rise in Sheer from amidships [Para. 18 (e)]
At front of bridge house *6*
At after end of forecastle *56*

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C *1' 6 1/4"*
Correction for Length, if required (Para. 12 and 13) *+ 0.82*
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12 and 13) *3' 10 1/4"*
Difference *2' 2"*
Percentage as below *25.98*

Correction for engine and boiler openings not being covered by bridge house, in cases coming under Para. 11 *✓*
Allowance for Deck Erections *6 3/4*

	Length.	Length allowed.	Height.
Forecastle.....	<i>27.6</i>	<i>24.5</i> × <i>7</i> = 0	
Bridge House	<i>64.0</i>	<i>64.0</i> × <i>7</i> = 0	
† Raised Qr. Dk.....	<i>✓</i>	<i>✓</i>	<i>✓</i>
Poop.....	<i>23.0</i>	<i>23.0</i> × <i>7</i> = 0	
Total		<i>114.5</i>	
Length of Ship		<i>246.5</i>	<i>= 414</i>

Corresponding percentage (Para. 11, 12, or 13.) *25.9870*

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 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 breadth of the vessel to be taken from the level of the top of the amidship beam.

Moulded Depth as measured *20' 5"*

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 *246.5*
Length in Table *245.0*
Difference *31.5*

Correction for 10ft., Table A *1.2* Table C *.6*
× Difference divided by 10 *3.48* (if required.) *1.890*
If $\frac{1}{10}$ ths length covered divide by 2 for vessels coming under Para. 11 and Para. 12 *+ 3 3/4* *+ 2*

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered *.414*
Thickness of usual wood deck, less stringer *3 1/2"*

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....
Round of Beam..... *9*
Normal round *10*
Difference $1 \div 2 =$ *1/2*
Proportion of Deck uncovered (Para. 19) *586* *+ 4"*

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

Freeboard, Table A *4' 1 1/2"*
Correction for Sheer *—*
Correction for Length *+ 3' 6 1/2"*
Allowance for Deck Erections *3' 10 1/4"*
Correction for Round of Beam *+ 3' 3 1/2"*
Correction for Iron Deck (if required) *—*
Additions for non-compliance with provisions of Para. 11 (d) and (e) † *—*
Other corrections (if any).....

Winter Freeboard *3' 2 1/2"*
Summer Freeboard *2' 11 1/2"*
N. A. Winter Freeboard *3' 4 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 3/4*

Winter Freeboard from deck line § *3' 4"*
Summer " " " " *3' 1"*
N. A. Winter,, " " " " *—*

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0726-950110-0220

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

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

Sq. Ft.

Freeing Ports (each side of vessel)

Ft. Tenths. Ft. Tenths. No.

x x
x x

=

Sq. Ft.

Total deficiency =

Sq. Ft.

Total excess =

"

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? Yes

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

Do. do. do. Bridge House? Yes

Do. do. do. Forecastle? Yes

To what height do the Reverse Frames extend? Per Rule

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? no.

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

Plates, etc. Angle irons 5" x 3" x 9/16" spaced 30" apart, efficient bracks

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

How are the openings closed? Storm boards full height

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

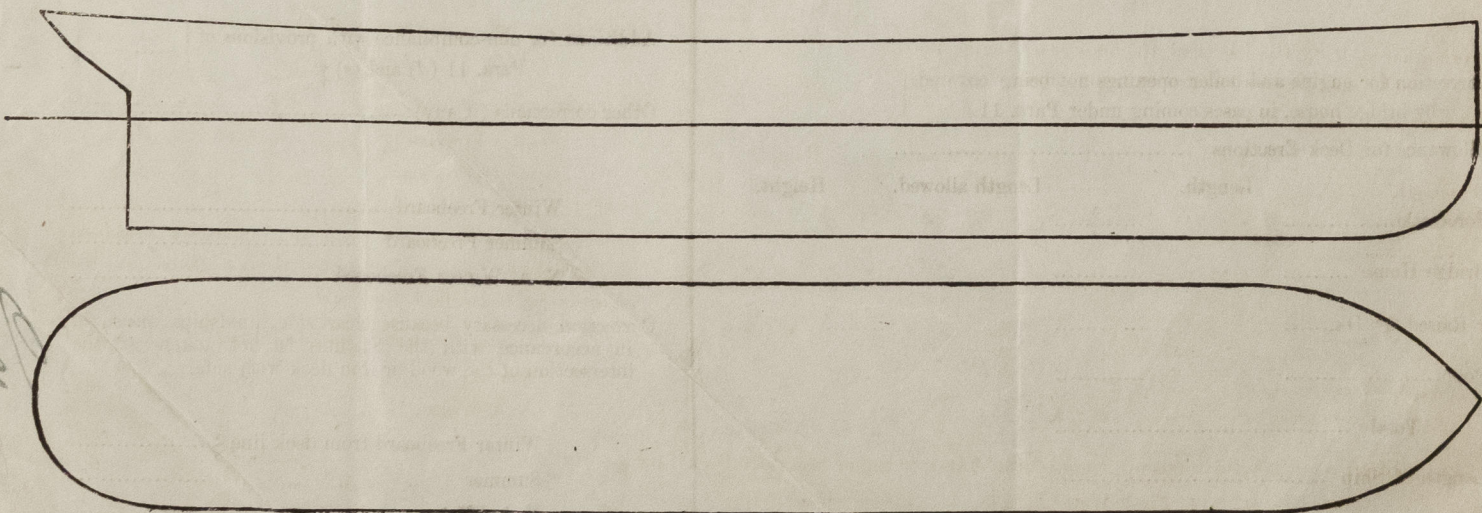
Has the Forecastle an efficient Iron ~~or Wood~~ Bulkhead at its after end? Yes

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? 30" In after well 30"

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

State any special features in the construction of the Vessel ✓



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

Agent John Logan Esq

Address Harbour Moon

Fee £

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Received by me

15 JUN 1906

Rpt. 11b.

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