

# LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

## SURVEYS FOR FREEBOARD.

SAT. 4 MAR 1899

### VERIFICATION REPORT

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.

MESSRS ROBERT THOMPSON AND SONS S.S. N<sup>o</sup> 209

Port of Survey SUNDERLANDDate of Survey MARCH 2<sup>nd</sup> 1899Name of Surveyor T.S. LEATHARD

Ship's Name.	Gross Tonnage.	Official Number.	Type of Ship.	Date of Build.	Particulars of Classification.
<u>Matienzo</u> ✓	✓	✓	<u>1 DECK AND DECK FRAMING</u>	<u>1899</u>	<u>100. A. 1. STEEL (CONTEMPLATED)</u>
Number in Register Book	✓	✓			

Registered Length 276.5 Breadth 40.5 Depth 17.95Length on Loadline ..... 276.5Breadth ..... 40.5Depth ..... 17.95 Tons und. Dk. 1720.63

$$\frac{1720.63 \times 100}{276.5 \times 40.5 \times 17.95}$$

Co-efficient of fineness ..... .86Any modification necessary CELLULAR DOUBLE BOTTOM[Para. 4 (a) to (e)] AND DECK FRAMINGCo-efficient as corrected ..... .82, HIGHEST IN TABLES

Sheer Stem... 90 IF GRADUAL 65.49 AT END  
at Sternpost... 42 } 132 ÷ 2 = 66 ... Mean

Sheer at  $\frac{1}{8}$  of the length from Stem 491 } 721 ÷ 366 MEAN  
Sternpost 23

Standard Sheer (Table, Para. 16) ..... 37.65 ✓ Correction  
Difference ..... 27.78 ÷ 4 = -7 ✓  
28.25

Rise in Sheer { At front of bridge house ..... 6  
from amidships { At after end of forecastle ..... 66  
[Para. 16 (e)]

#### ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C. .... 2.02 ✓Correction for Length, if required (Para. 12 and 13) ..... +2 ✓Freeboard by Table A, corrected for sheer, and for length, } 2.24 ✓

if required (Para. 12 and 13)

Difference ..... 1.74 ✓Percentage as below ..... 34% ✓..... -64 ✓

Correction of R. Q. Dk. less than 4ft. high, or if engine and boiler openings not covered by bridge house

\*Allowance for Deck Erections .....

	Length.	Length allowed.	Height.
Forecastle	<u>27.6</u>	<u>27.5</u>	<u>7.0</u>
Bridge House	<u>64.0</u>	<u>64.0</u>	<u>7.0</u>
Raised Q. Dk.			
Poop	<u>23.0</u>	<u>23.0</u>	<u>7.0</u>
Total		<u>114.5</u>	
Length of Ship		<u>276.5</u>	<u>.414</u> ✓

Corresponding percentage { 34% ✓

(Para. 12, or 13.)

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line:—

Fresh Water Line above centre of Disc

Indian Summer Line " " "

Winter Line below " " "

Winter North Atlantic Line " " "

Moulded Depth as measured..... 20.5

#### CORRECTION FOR LENGTH:—

Length of Ship on load line..... 276.5 ✓  
Length in Table ..... 245 ✓  
Difference\* ..... 31.5 ✓  
Correction for 10ft., Table A. .... 1.2 Table C. .6  
× Difference\* divided by 10 ..... 3.78 (if required.) 1.89  
If  $\frac{1}{10}$  this length covered divide } +3.2 ✓ Say +2 ✓  
by 2.

#### CORRECTION FOR IRON DECK:—

Proportion covered, if less than  $\frac{1}{10}$  this length covered ..... .414  
Thickness of usual wood deck, less stringer..... 3  
-1

#### CORRECTION FOR ROUND OF BEAM:—

Round of Beam ..... 9  
Normal round ..... 10  
Difference ..... 1 ÷ 2 = .5

Proportion of Deck uncovered (Para. 17) ..... .586 +  $\frac{1}{4}$ 

Freeboard, Table A ..... 4.14 ✓  
Correction for Sheer ..... -7 ✓  
3.64 ✓  
Correction for Length ..... +34 ✓  
3.10 ✓  
Allowance for Deck Erections ..... -64 ✓  
3.34 ✓  
Correction for Round of Beam ..... +4 ✓  
3.4 ✓  
Correction for Iron Deck (if required) ..... -14 ✓  
3.24 ✓

Additions for non-compliance with provisions of { Para. 11 (e) and (f) + }

Other corrections (if any).....

Winter Freeboard ..... 3.24Summer Freeboard ..... 2.11N. A. Winter Freeboard ..... 3.44Correction necessary because clear side amidships measured in accordance with the Statutes is not taken at the intersection of the deck with side. 14Winter Freeboard from deck line† ..... 3.44Summer " " " ..... 3.11N. A. Winter, " " " ..... 3.643.14335

\* Particulars should be stated on the back of this Form as to the character of the Erections, and whether or not they are covered by the hull.

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



13667

ERASE 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  $\times 2 \div$  = Sq. Ft.  
Freeing Ports

Ft.	Tenths.	Ft.	Tenths.	No.	}	= Sq. Ft.
	$\times$		$\times$			
	$\times$		$\times$			

WATER PORTS AS PER RULE

Total deficiency = Sq. Ft.

Total excess =

CHARACTER OF DECK ERECTIONS.

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

Do. do. do. do. Raised Quarter Deck? *✓*

Do. do. do. do. Bridge House? *Yes*

Do. do. do. do. Forecastle? *Yes*

To what height do the Reverse Frames extend? *ALL TO UPPER DECK AND ALTERNATE TO FEEL DECK*

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

Are efficient Doors fitted to the Passage Ways? *Yes*

Describe how and to what extent it is Stiffened, by angle Irons, Bulb Plates, or otherwise *KNEED*

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

Are efficient Doors fitted to the Passage Ways? *Yes*

Are efficient Iron Doors fitted to the Passages of the Bridge House, ~~or is it entered from above?~~ *WATERTIGHT DOORS FORE END, SHIFTING BOARDS AT AFTER END*

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

Are the Hatchways efficiently constructed? *Yes* State the height of the Coamings *30"*

Are the Hatches solid? *Yes* What is their thickness? *2 1/2"*

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

State any special features in the construction of the Vessel

*See Secretary's letter of January 2<sup>nd</sup> 1899*  
*Approved plans are inclosed.*

*L. S. Teakman*

Owners

Address

Fee £ : : :

Received by me

Received by me

15 JUN 1900



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Foundation