

# Lloyd's Register of British & Foreign Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

3246.

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 Bilboa  
Date of Survey June 25<sup>th</sup> 1910  
Name of Surveyor John Pollock

Ship's Name.  
Tata-Mende  
et Netherton  
Number in Register Book 25

Port of Registry  
and Nationality.  
Bilbao  
Spanish

Official  
Number.

Gross  
Tonnage.  
4226  
4250

Date of Build.  
1905  
2

Particulars of Classification.  
Yore, half of vessel has been removed from turn of  
bridge up, bottom straightened & labelled, with new  
and most original material.  
The scantlings are in all respects equal to  
and above the original ones. The Report on  
 vessel simply awaiting completion of equipment  
for restoration to class of +100 A1 spar Deck.

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
	<u>360.3</u>	<u>48.0</u>	<u>28.05</u>	<u>4085</u>
Length on	<u>360.3</u>	Frame Depth <u>9</u> Rule <u>6</u> <u>3</u> <u>.5</u>	Ceiling <u>2.0</u> Sheer <u>+.83</u> <u>Ceiling under</u> <u>holdings down</u> <u>timber posts</u> <u>level floor</u>	Peak Tanks
	<u>360.3</u>	<u>47.5</u>	<u>28.88</u>	<u>4085</u>

Client of fitness ..... .836  
Modification necessary  
Para. 4 (a) to (e) \*] Ceel 100.  
Client as corrected ..... .81

am... 8.6 } 12.8 ÷ 2 = 76 ...Mean  
Inpost... 4.2

the length from { Stem 4.8 } 6.115 ÷ 2 = 41 3/4 ...Mean  
Sternpost 2.35

Sheer ..... 75.9  
Sheer (Table, Para. 18) ..... 46.03 Correction  
Difference..... 29.87 ÷ 4 = - 7 1/2  
Para. 18 (f).....

{ At front of bridge house.....  
At after end of forecastle .....

÷ 2 =

Correction

### ALLOWANCE FOR DECK ERECTIONS:—

Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) ..... 4.9 3/4  
Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) ..... 4.9  
Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) ..... 7.44  
Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) ..... 2.74  
Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) ..... 28.08

R. Q. Dk. if engine and boiler openings not  
by bridge house (Para. 11)  
Deck Erections .....

Length.	Length allowed.	Height.
<u>36</u>	<u>36</u>	<u>7.0</u>
<u>92</u>	<u>92</u>	<u>7.0</u>
<u>32</u>	<u>32</u>	<u>7.0</u>
	<u>160</u>	
	<u>360.3</u>	<u>44.4</u>

percentage  
28.08

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	" " "	...

CORRECTION FOR LENGTH.	
Length of Ship on Loadline.....	<u>360.3</u>
Length in Table .....	<u>370</u>
Difference .....	<u>9.7</u>
Correction for 10ft., Table A. ....	<u>1.56</u> Table C. <u>.8</u>
× Difference divided by 10 .....	(if required.)
If 1/10ths length covered divide by 2	<u>- 1 1/2</u> <u>- 3/4</u>

CORRECTION FOR IRON DECK.	
Proportion covered, if less than 1/10ths length covered .....	<u>444</u>
Thickness of usual wood deck, less stringer.....	<u>3 1/2</u>
	<u>- 1 1/2</u>

CORRECTION FOR ROUND OF BEAM.	
Breadth at Gunwale amidships.....	<u>1 1/2</u>
Round of Beam.....	<u>1 1/2</u>
Normal round .....	<u>1 1/2</u>
Difference .....	<u>÷ 2 =</u>
Proportion of Deck uncovered (Para. 19) .....	

Freeboard, Table A .....	<u>8.14</u>
Correction for Sheer .....	<u>- 7 1/2</u>
Correction for Length .....	<u>7.54</u>
Allowance for Deck Erections .....	<u>- 1 1/2</u>
Correction for Round of Beam.....	<u>7.44</u>
Correction for fall in Sheer (if any) .....	<u>- 8 3/4</u>
Correction for Iron Deck (if required) .....	<u>6.7 1/2</u>
Additions for non-compliance with provisions of	
Para. 11 (d) and (e) †	
Other Corrections (if any).....	

Winter Freeboard .....	<u>6.6</u>
Summer Freeboard .....	<u>6.0 1/2</u>
Indian Summer Freeboard .....	<u>5.7</u>
N.A. Winter Freeboard .....	
Correction necessary because clearside amidships, measured	
in accordance with the Statute, is not taken at the	<u>2</u>
intersection of the wood or iron deck with side.	
Winter Freeboard from deck line .....	<u>6.8</u>
Summer " " " " .....	<u>6.2 1/2</u>
Indian Summer " " " " .....	<u>5.9</u>
N.A. Winter, " " " " .....	<u>6.2 1/2</u>

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.

MARKING FORM  
8 NOV 1910  
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11 JUN 1923  
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MARKING REPORT  
RECEIVED 4 JUL 1910

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1/2 "Jata Mendi" or "Netherston."

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 frames, bulk 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 *By Weather boards, Secured To permanent angles by hooked bolts.*  
Is the Poop or Raised Quarter Deck connected with the Bridge House? *no* 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? *3/8* and Coaming plate? *3/8* free.  
Give scantlings and spacing of the Stiffeners *Bulb angle 8 1/2 x 3 1/2 x 12/20. 30" apart.*  
Are bracket plates fitted at each end of the Stiffeners? *yes* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *yes*  
Has the Bridge House an efficient Iron Bulkhead at the after end? *yes*  
How are the openings closed? *Same as poop, By weather boards, secured to permanent angles by hooked bolts.*  
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 after end? *yes*  
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? *all openings protected by bridge*  
Give thickness of plating; scantlings and spacing of Stiffeners  
What is the height of the exposed Casings? *yes* 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. 23-11 1/4 x 15-11 1/2"		Nº. 23-11 1/4 x 15-11 1/2"		Nº. 23-11 1/4 x 15-11 1/4"		Nº. 23-11 1/4 x 15-11 1/4"	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	29 1/2 to 35 1/2	24	29 1/2 to 35 1/2	24	29 1/2 to 35 1/2	24	29 1/2 to 35 1/2	24
	Sides.....	9/20	9/20	9/20	9/20	9/20	9/20	9/20	9/20
	Ends.....	9/20	9/20	9/20	9/20	9/20	9/20	9/20	9/20
SHIFTING BEAMS OR WEB PLATES.	Number.....	2	2	2	2	2	2	2	2
	Section and Scantlings.....	8/10 plate 4 1/2 x 3 x 3 x 4 0	7/10 plate 8/10 x 3 x 3 x 4 0	8/10 plate 4 1/2 x 3 x 3 x 4 0	7/10 plate 8/10 x 3 x 3 x 4 0	8/10 plate 4 1/2 x 3 x 3 x 4 0	7/10 plate 8/10 x 3 x 3 x 4 0	8/10 plate 4 1/2 x 3 x 3 x 4 0	7/10 plate 8/10 x 3 x 3 x 4 0
	Material.....	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
FORE AND AFTERS.	Number.....	3	3	3	3	3	3	3	3
	Section and Scantlings.....	Centre 9 5/8 x 7 1/4	Centre 8 x 7	Centre 9 5/8 x 7 1/4	Centre 8 x 7	Centre 9 5/8 x 7 1/4	Centre 8 x 7	Centre 9 5/8 x 7 1/4	Centre 8 x 7
	Material.....	Side 7 3/8 x 6 3/4	Side 7 x 6	Side 7 3/8 x 6 3/4	Side 7 x 6	Side 7 3/8 x 6 3/4	Side 7 x 6	Side 7 3/8 x 6 3/4	Side 7 x 6
HATCHES Thickness.....		3"	2 1/2"	3"	2 1/2"	3"	2 1/2"	3"	2 1/2"
Remarks.....		all substantial	all substantial	all substantial	all substantial	all substantial	all substantial	all substantial	all substantial

Sizes given of all fore & afters are from under side of hatches, and all are fitted with iron shoes.

\* 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 I

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

Delete the words { The Crew are, 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, are not satisfactory.

Length of Bulwarks in well

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

Ft. Tenths. Ft. Tenths. No.

x x  
x x

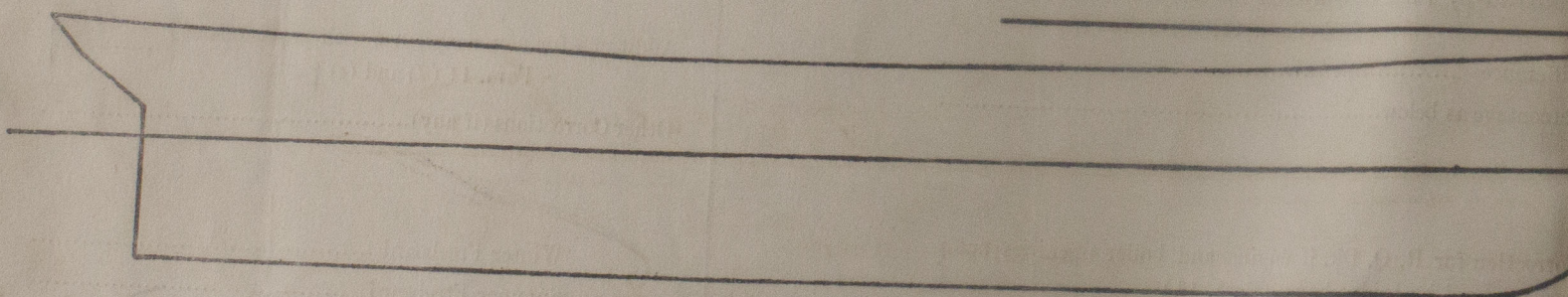
Freeing Ports  
(each side of vessel) =

Total deficiency or excess =

Sq. ft.

Sq. ft.

Sq. ft.



6-10  
6-6  
6-2 1/2  
There are three original freeboard marks cut on the sides of this vessel. Yig. and in Repainting vessel now, that at 6-2 1/2 has been painted in.

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

Owners

Address

Fee £

6 : 6 : -

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