

Cabo Tres faros

Index No. (For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

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

Port of Survey Bilbao
Date of Survey March 1920
Name of Surveyor

Ship's Name. <u>NO 25</u>	Port of Registry and Nationality. <u>Espanola Bilbao</u>	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification. <u>100 Ft Awinig deck with 1st condemp.</u>
------------------------------	---	------------------	----------------	----------------	---

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
From Ster. <u>280.02 feet</u> B.P.	41.83 <u>43.0</u> <u>43.20</u>	<u>26.44</u> Mtd. to Awinig dk.	X
On Deck <u>280.02 feet</u>	Rule <u>3 1/2</u>	Ceiling <u>3 1/2</u> Thick Sheer <u>21</u>	Peak Tanks
RED LINES.	<u>280.02</u>	<u>43.2</u>	

Percentage of fineness... 77.3
Modification necessary }
Para. 4 (a) to (e)* }
Percentage as corrected San 80 to Awinig dk.

Stem... 38"
Sternpost 19"
 $54" \div 2 = 27"$ Mean 36

At $\frac{1}{8}$ of the length from { Stem 23 1/2"
Sternpost 9 1/2" } $33 1/2" \div 2 = 16 3/4"$ Mean 30.45
 $\div .55 = 30.45$

Mean Sheer allowed 29.47 Correction 30.45
Mean Sheer [Table, Para. 18] 38.00
Difference..... 8.53 $\div 4 =$ + 2 1/4

In Sheer { At front of bridge house... 3 5/16 inches
amidships }
18 (e) { At after end of forecastle 2 7/16 inches

In Sheer } $\div 2 =$
18 (d) }
uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Table C.....	<u>3 - 3/4</u> ✓
Correction for Length, if required (Para. 12, 13, and 14)	<u>- 2 3/4</u> ✓
Corrected by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) }	<u>3 - 0 1/2</u> ✓
As below.....	<u>3 - 0 1/2</u> ✓
Percentage as below.....	<u>28.5%</u>
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)	<u>- 10 1/4</u>
Allowance for Deck Erections	<u>10.33</u>

Length.	Length allowed.	Height.
House..... <u>26.25</u>	<u>26.25</u>	<u>7'6"</u>
Qtr. Dk..... <u>68.25</u>	<u>68.25</u>	<u>8'0"</u>
Qtr. Dk..... <u>31.50</u>	<u>31.50</u>	<u>7'6"</u>
Total..... <u>126.00</u>	<u>126.00</u>	
Ship <u>280.02 B.P.</u>	<u>280.02</u>	<u>45</u>

BOARD 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	" " "

When the skin planking, or ceiling are of unusual thickness the breadth of vessel to inside should be reported if possible. When 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 vessels having poops and forecastles, it means the sheer measured at points distant $\frac{1}{8}$ th of the vessel's length from stem and stern-post.

Moulded Depth as measured... 26.44 to Awinig deck
= 26'9"
Addition for Keel below base line for draught record... 18 inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>280.02</u>
Length in Table	<u>321</u>
Difference	<u>40.98</u> ✓
Correction for 10ft., Table A.	<u>1.4</u> Table C. <u>.7</u>
× Difference divided by 10	<u>5.73</u> (if required.) <u>2.86</u>
If $\frac{6}{10}$ ths length covered divide by 2	<u>- 5 3/4</u> ✓ <u>- 2 3/4</u>

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered 45
Thickness of usual wood deck, less stringer 3 1/2
- 1 1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 41.83 feet
Round of Beam 10 1/2 inches
Normal round.....
Difference $\div 2 =$

Freeboard, Table A	<u>6 - 4 1/4</u> ✓
Correction for Sheer	<u>+ 2 1/4</u> ✓
Correction for Length	<u>6 - 6 1/2</u> ✓
Allowance for Deck Erections	<u>- 5 3/4</u> ✓
Correction for Round of Beam.....	<u>6 - 0 3/4</u> ✓
Correction for fall in Sheer (if any).....	<u>- 10 1/4</u> ✓
Correction for Iron Deck (if required)	<u>5 - 2 1/2</u> ✓
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	<u>- 1 1/2</u> ✓
Other Corrections (if any)	<u>5 - 1</u> ✓

Winter Freeboard 5 - 1 ✓
Summer Freeboard 4 1/2 ✓ 4 - 8 1/2 ✓
Indian Summer Freeboard 4 - 4 ✓
N. A. Winter Freeboard 5 - 3 ✓

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. 3 1/4

Winter Freeboard from deck line	<u>5 - 2 3/4</u>
Summer " " " "	<u>4 - 10 1/4</u> ✓
Indian Summer " " " "	<u>4 - 5 3/4</u>
N. A. Winter " " " "	<u>5 - 4 3/4</u>
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.	<u>4 - 10</u> ✓ <u>76 - 9 1/2</u>

† 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.



Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? *none* Bridge House? *yes* Forecastle? *yes*
 To what height do the Reverse Frames extend? *none*
 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 in poop Bulkhead*
 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
 What is the thickness of the Bridge Front plating? *.34* and Coaming plate? *.38*
 Give scantlings and spacing of the Stiffeners } *as per Rule*
 Are bracket plates fitted at each end of the Stiffeners? } Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *X*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *yes*
 How are the openings closed? *By doors*
 Is the Forecastle at least as high as the main or top-gallant rail? *higher* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Steel*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *yes covered by Bridge*
 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? *3' above bridge deck* 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:— *weather deck of steel*

Position and Size.	No 1 Forward 23' x 12'		No 2 Forward 29'6" x 12'		No 3 aft 23' x 12'0"		No 4 aft 23' x 12'		Ship.	Rule.
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING										
Height above top of DECK	<i>39 3/8"</i>	<i>24"</i>	<i>39 3/8"</i>	<i>24"</i>	<i>39 3/8"</i>	<i>24"</i>	<i>39 3/8"</i>	<i>24"</i>		
Thickness	Sides <i>1/2"</i>		Sides <i>1/2"</i>		Sides <i>1/2"</i>		Sides <i>1/2"</i>			
	Ends <i>1/2"</i>		Ends <i>1/2"</i>		Ends <i>1/2"</i>		Ends <i>1/2"</i>			
SHIFTING BEAMS OR WEB PLATES.	} <i>as per Rule</i>									
Number										
Section and Scantlings										
Material										
* FORE AND AFTERS.	} <i>as per Rule</i>									
Number										
Section and Scantlings										
Material										
HATCHES Thickness										
Remarks										

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(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? *.34* Strake between Main and Bridge Sheerstrakes? *.34*

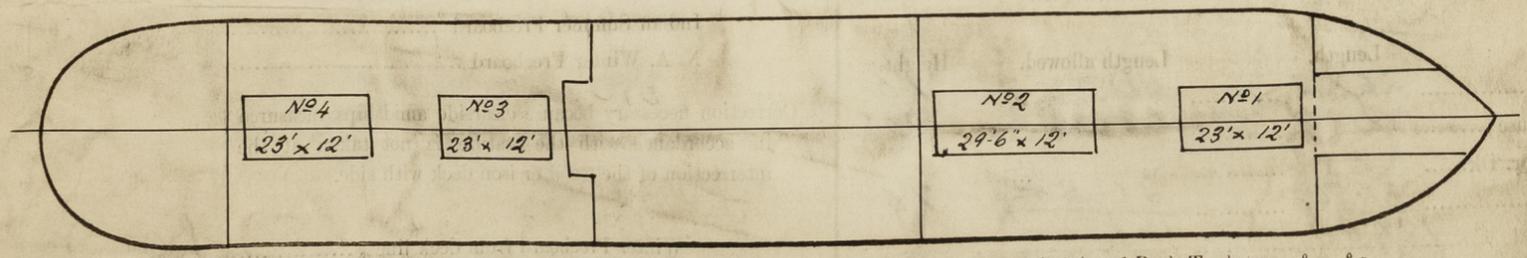
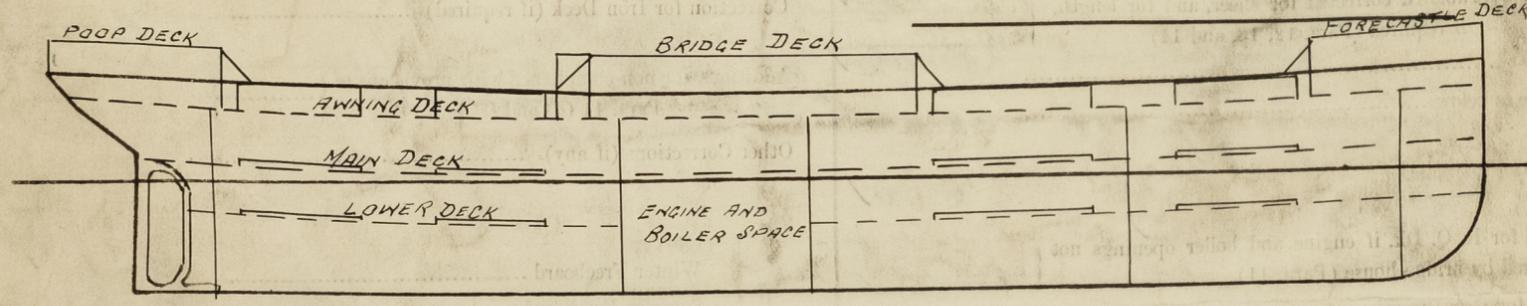
Delete the words { The Crew ~~are~~, are not, berthed in the bridge house. *Berthed on poop*
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, ~~are not~~ satisfactory.

Length of Bulwarks in well *Forward 82' in well aft 82' = 164 feet*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *32* Sq. ft.

Ft.	Tenths.	Ft.	Tenths.	No.	} Freeing Ports (each side of vessel) =	Sq. ft.
x		x				
x		x				

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

Owners

Address

Fee £ : : Received by me