

BILBAO REPORT N. 2853
 DATED 10-4-1920
 Index No. 2853
 (For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH 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 BILBAO
 Date of Survey 8th April 1920
 Name of Surveyor M. England

Ship's Name <u>SHIP OF ASTILLEROS DEL NERVIÓN "GUERNICA"</u>	Port of Registry and Nationality <u>BILBAO SPANISH</u>	Official Number <u>✓</u>	Gross Tonnage <u>3716.92</u>	Date of Build. <u>1919-20</u>	Particulars of Classification. <u>CONTEMPLATED BY 100A1 LLOYD'S CLASS.</u>
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REGISTERED LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
99.26	14.36	6.72	2922
325.66	47.12	22.03	

Moulded Depth as measured..... 7.58 M.
24" 10 1/4"
 Addition for Keel below base line for draught record..... inches.

NOTE.— If the depth is measured when vessel is afloat, the details of measurement should be reported.

Efficient of fineness..... .856
 Modification necessary [Para. 4 (a) to (e)]* C.D.B.
 Efficient as corrected..... Highest .82

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	99.26	325.65
Length in Table		298.25
Difference		27.40
Correction for 10ft., Table A.	1.3	Table C. .7
× Difference divided by 10	3.56	(if required.) 1.918
If 1/10ths length covered divide by 2	+3 1/2	+2

Mean Sheer at 1/2 of the length from Stem..... 68.3 Mean
 Sternpost..... 32.87 Mean
 Mean Sheer..... 59.76
 Standard mean Sheer [Table, Para. 18]..... 42.56 Correction
 Difference..... 17.20 ÷ 4 = -4 1/4
 If limited as Para. 18 (f).....

CORRECTION FOR IRON DECK.
 Proportion covered, if less than 1/10ths length covered..... .519
 Thickness of usual wood deck, less stringer..... 3 1/2 - 1 3/4

CORRECTION FOR ROUND OF BEAM.
 Breadth at Gunwale amidships..... 14.188 46.6"
 Round of Beam..... 300 3/4 11 3/4
 Normal round..... 11 3/4
 Difference..... ✓ ÷ 2 =
 Proportion of Deck uncovered (Para. 19).....

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

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

Fall in Sheer {
 Para. 18 (d)] { ÷ 2 =

Length uncovered..... Correction

Freeboard, Table A	5 .. 8 1/4
Correction for Sheer	- 4 1/4
Correction for Length	5 .. 4
Allowance for Deck Erections	+ 3 1/2
Correction for Round of Beam.....	5 .. 7 1/2
Correction for fall in Sheer (if any).....	- 11 1/2
Correction for Iron Deck (if required)	4 .. 8
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	
Other Corrections (if any)	

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	2 .. 9 1/2
Correction for Length, if required (Para. 12, 13, and 14)	+ 2
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14)	5 .. 7 1/2
Difference	2 .. 10
Percentage as below.....	33.52%
	11.4

Winter Freeboard	4 .. 6 1/4
Summer Freeboard	4 .. 2
Indian Summer Freeboard	3 .. 9 3/4
N. A. Winter Freeboard	4 .. 8 1/4
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.	1 3/4
Winter Freeboard from deck line	4 - 8
Summer " " " "	4 - 3 3/4
Indian Summer " " " "	3 - 11 1/2
N. A. Winter " " " "	4 - 10

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11).....

Allowance for Deck Erections..... 11 1/2

Length.	Length allowed.	Height.
38'-6" <u>and SEE SKETCH.</u>		
Forecastle.....	41.2	8'0"
Bridge House.....	99.75	8'0"
Raised Qr. Dk.....		✓
Top.....	28.16	8'8"
Total.....	169.11	
Length of Ship.....	325.65	
Corresponding percentage { Para. 11, 12, 13, or 14}.....	33.52%	

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

Fresh Water Line above centre of Disc	5
Indian Summer Line " " " "	4
Winter Line below " " " "	4 1/2
Winter North Atlantic Line " " " "	6 1/2

† 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 should also be reported. In vessels having poops and forecastles, the shear measured at points distant one-eighth of the vessel's length from stem and stern-post.

RECEIVED 17 MAR 1922
 RECEIVED 27 JAN 1928
 RECEIVED 29 AUG 1924

MARKING FORM
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Do all the Frames extend to the top height in the Poop? *Yes*
 To what height do the Reverse Frames extend? *Bull angle 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 *No openings*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *No*
 Give particulars of the means for closing the openings in Bulkhead *No openings*
 What is the thickness of the Bridge Front plating? *11 7/8* and Coaming plate? *11 7/8*
 Give scantlings and spacing of the Stiffeners *203 x 88 x 11 7/8 - BULL ANGLES SPACED 750 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? *No openings*
 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? *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? *Yes*
 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? *Steel storm cover*
 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.	N°1 HATCH 7.440 x 5.480 UPPER DECK	N°2 HATCH 7.440 x 5.480 UPPER DECK	N°3 HATCH 3.720 x 5.480 BRIDGE DECK	N°4 HATCH 7.440 x 5.480 UPPER DECK	N°5 HATCH 7.440 x 5.480 UPPER DECK
Item.	Ship. 24.4 x 17.97 Rule.	Ship. 24.4 x 17.97 Rule.	Ship. 12.19 x 17.97 Rule.	Ship. 24.4 x 17.97 Rule.	Ship. 24.4 x 17.97 Rule.
Height above top of DECK	850 7/8	850	457	850	850
COAMING Thickness	Sides.....	115	11	115	115
	Ends.....	115	11	115	115
SHIFTING BEAMS OR WEB PLATES	Number.....	5 MEAS	2	5	5
	Section and Scantlings.....	7/8" PLATE 30 x 180 x 9 1/2" 100 x 75 x 11	12" 7/8" PLATE 30 x 153 x 75 1/2" 100 x 75 x 11	SAME AS N°1	SAME AS N°1
	Material.....	STEEL	STEEL	STEEL	STEEL
* FORE AND AFTERS	Number.....				
	Section and Scantlings.....				
	Material.....				
HATCHES Thickness	70 7/8	70	70	70	70
Remarks.....					

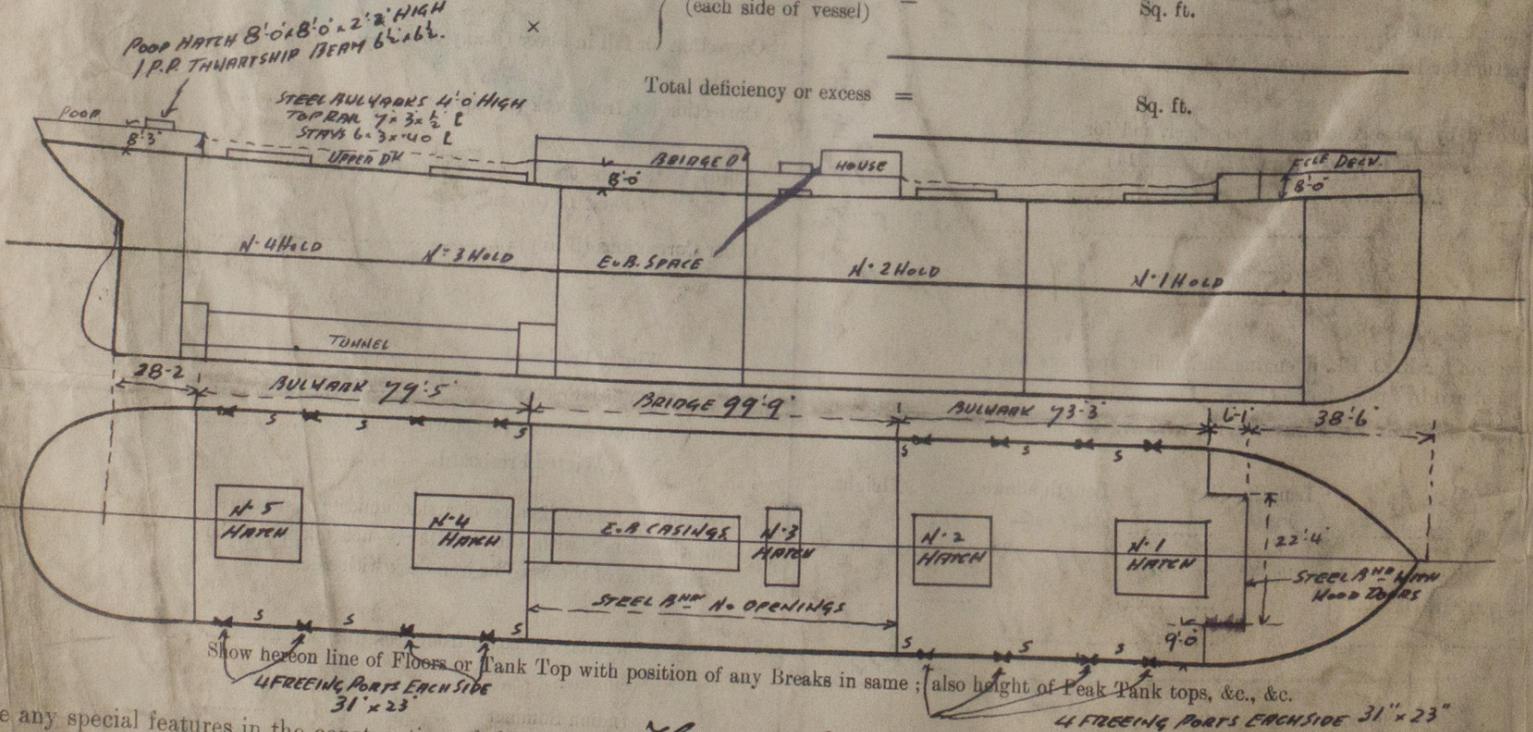
* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(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? *No side lights to affect the foreward*
 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 = _____ Sq. ft.
 Ft. Tenths. Ft. Tenths. No. }
 x x } Freeing Ports (each side of vessel) = _____ Sq. ft.
 x x }
 Total deficiency or excess = _____ Sq. ft.



State any special features in the construction of the Vessel. *This vessel has been built in accordance with approved plans and Society's Rules. We shall be pleased to receive 3 English foreward certificates, and the verification of marking form will be sent later when the marks are verified. This vessel is built with a single deck but in other respects is a motor ship to the Form No 13 and 14. See Bulletin report No 5348, dated 14-1-19 and 5513 Report.*
 Owners *COMPANIA AUXILIAR MARITIMA BILBAO.*

Address
 Fee \$ 250 points

Received by me *M. J. J. J.* 8420

