

28860

THE 13 APR 1922

pt. 11b.

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Index No. ALABO REPORT N: 5988.
(For London Office only)

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 Bellin
Date of Survey 13th April 1922
Name of Surveyor M. S. England

Amoy del nivel with prop. lugs - fore and aft.

Ship's Name <u>19 SHIP of Soc. E. S. P. de Construcción Naval S. PABO HUERTAS</u>	Port of Registry and Nationality. <u>Spain</u>	Official Number. <u>✓</u>	Gross Tonnage. <u>2496</u>	Date of Build. <u>1922</u>	Particulars of Classification. <u>Plan completed + 10091 Amoy del nivel with fore and aft.</u>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH. <u>280.02</u> <u>85.350 M</u>	BREADTH. <u>41.83</u> <u>12.750 M.</u>	DEPTH. <u>4.940 M</u> <u>To MAIN DEK</u>	UNDER DECK TONNAGE. <u>2312.</u>
Length on LOADLINE.	<u>280.02</u>	Frame Depth Rule <u>152</u>	Ceiling Sheer <u>657</u> <u>657 letters</u>	Peak Tanks } <u>included</u>
CORRECTED DIMENSIONS.				

Moulded Depth as measured.....
To length 26.74 = 8.15
Mean del 18.76 = 5.92

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.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>280.02</u>
Length in Table	
Difference	
Correction for 10ft., Table A.	Table C.
× Difference divided by 10	(if required.)
If $\frac{1}{10}$ ths length covered divide by 2	

CORRECTION FOR IRON DECK.

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

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>12.750</u>
Round of Beam	<u>.265</u>
Normal round.....	
Difference	$\div 2 =$
Proportion of Deck uncovered (Para. 19)	

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

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

Winter Freeboard	
Summer Freeboard	
Indian Summer Freeboard	
N. A. Winter Freeboard	
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.	
Winter Freeboard from deck line	
Summer " " " "	
Indian Summer " " " "	
N. A. Winter " " " "	

Co-efficient of fineness.....
Any modification necessary [Para. 4 (a) to (e)]*
Co-efficient as corrected

Sheer { Stem..... }
at { Sternpost ... } $\div 2 =$...Mean

Sheer at $\frac{1}{4}$ of the length from { Stem }
{ Sternpost } $\div 2 =$...Mean

Gradual mean Sheer

Standard mean Sheer [Table, Para. 18]

Difference..... $\div 4 =$ Correction

§ If limited as Para. 18 (f)

Rise in Sheer from amidships { At front of bridge house..... }
{ At after end of forecastle

Fall in Sheer { Para. 18 (d) } $\div 2 =$

Length uncovered

Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....

Correction for Length, if required (Para. 12, 13, and 14)

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) }

Difference

Percentage as below.....

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

Allowance for Deck Erections

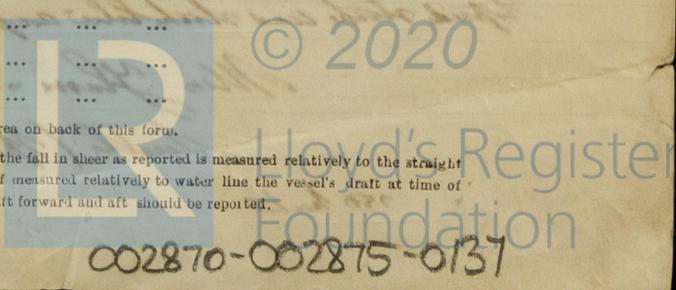
	Length.	Length allowed.	Height.
Forecastle.....	<u>7.820</u>		<u>2.410</u>
Bridge House	<u>20.825</u>		<u>2.400</u>
Raised Qr. Dk.....			
Poop.....	<u>6.735</u>		<u>2.400</u>
Total			
Length of Ship			
Corresponding percentage (Para. 11, 12, 13, or 14) }			

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 height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and sternpost.

† 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.



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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? *Bull angle frames (Main frames in coxens and bulwark spaces)*
 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 *4 Sidelights 300 dia (Main frames and glass)*
 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 *6 Sidelights 350 dia with glass frames and glass, also 2 Steel hinged doors 1800 x 840 secured by butterfly bolts, up plate offered 7/12/21 angle frame 90 x 90 x 13*
 What is the thickness of the Bridge Front plating? *8 1/2* and Coaming plate? *9 1/2*
 Give scantlings and spacing of the Stiffeners *Bull angle 205 x 85 x 13 7/8 Spaced 725 to 600 apart.*
 Are bracket plates fitted at each end of the Stiffeners? *Yes* Are hor'l. brackets fitted connecting Bridge Bul'd. with Bulwarks? *Yes*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*
 How are the openings closed? *4 Sidelights 300 dia with glass frames and glass, and 2 Steel hinged doors 1800 x 840 secured by butterfly bolts, up frame 90 x 90 x 13.*
 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 hinged storm cover.*

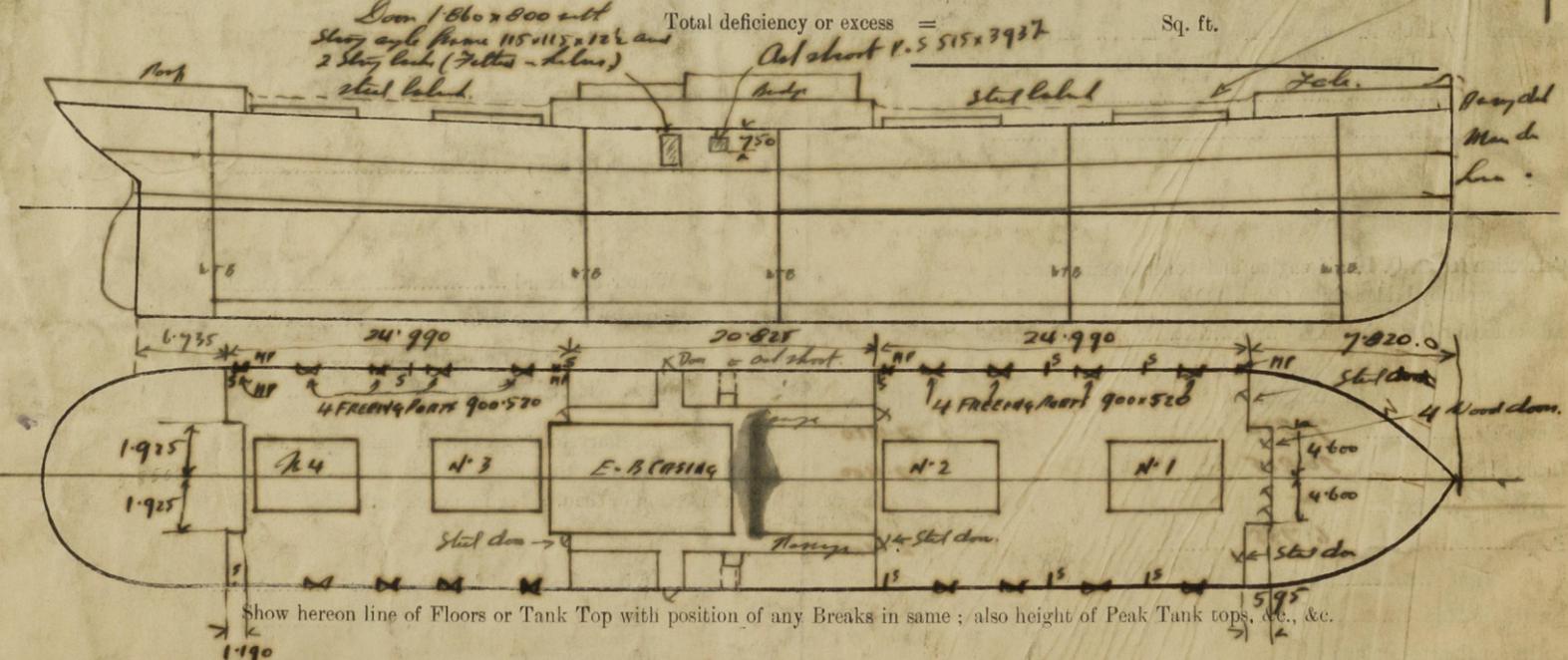
Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below: *Yes*

Position and Size.	N° 1 Hatching DE		N° 2 Hatching DE		N° 3 Hatching DE		N° 4 Hatching DE		Ship.	Rule.
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.		
COAMING. Height above top of DECK	900	350	900	350	900	350	900	350		
Thickness	Sides	12	12	12	12	12	12	12		
	Ends	12	12	12	12	12	12	12		
SHIFTING BEAMS OR WEB PLATES.	Number	5	5	5	5	5	5	5		
	Section and Scantlings	5 Angle 75 x 75 x 10	5 Same as No 1	5 Same as No 1	5 Same as No 1	5 Same as No 1	5 Same as No 1	5 Same as No 1		
	Material	Steel	Steel	Steel	Steel	Steel	Steel	Steel		
* FORE AND AFTERS.	Number									
	Section and Scantlings									
	Material									
HATCHES Thickness	76	76	76	76	76	76	76	76		
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.) *4 Sidelights 300 dia with glass frames and glass.*

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? *8 1/2* Strake between Main and Bridge Sheerstrakes? *8 1/2*
 Delete the words that 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 (e) each side of vessel = *229.76* Sq. ft.
 Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = *229.76* Sq. ft.
 Total deficiency or excess = *515.3937* Sq. ft.



State any special features in the construction of the Vessel *See by transfer to London letter 11/19/20 and reply 26/3/20 regarding the proposal of 4'10" The weathering of the main frames, main deck stringer and sheerstrake, and keel, strake and strake below are fitted as per your letter 19/3/20. This number is a certificate issued to the S.S. ROCHE registered to-day*

Owners *Men Yarn & Co*
 Address *Swilla (Spain)*

Fee £ *750 pmt* Received by me *Account rendered to Swilla 15/4/22.*

