

Rpt. 11b  
Lloyd's San Antonio  
30-2-6  
32-9-7  
1931

**EXT** *6/9/32*  
**Lloyd's Register of Shipping.**  
**SURVEYS FOR FREEBOARD.—STEAM SHIPS.**

Index No. **4983**  
(For London Office only.)

**34063**

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 *Bilbao 1931*  
Date of Survey *whilst building*  
Name of Surveyor *C.C. Crawford*

Ship's Name. <b>SANTO TOME"</b>	Port of Registry and Nationality. <b>Seville Spanish</b>	Official Number.	Gross Tonnage. <b>12,600 APPROX.</b>	Date of Build. <b>1931</b>	Particulars of Classification. <b>+100 A-1 with freeboard contemplated.</b>
in Register Book					
LENGTH. <b>147.410' M</b>	BREADTH. <b>19.348' M</b>	DEPTH. <b>10.48' M</b>	UNDER DECK TONNAGE. <b>8549.8</b>		Moulded Depth as measured... <b>34'-0 1/8"</b>
<b>483.6'</b>	<b>63.48'</b>	<b>34.34'</b>			NOTE — If the depth is measured when vessel is afloat, the details of measurement should be reported.
<b>482.5'</b>	Frame Depth <b>9 1/2</b> Rule <b>8 1/2</b>	Ceiling <b>fitted</b> Sheer <b>+ .69</b>	Peak <b>{ Incl.</b> Tanks <b>+ .69</b>		Addition for Keel below base line for draught record... <b>88</b> inches.
<b>72.5</b>	<b>63.31</b>	<b>35.06</b>	<b>8609.6</b>		CORRECTION FOR LENGTH.
					Length of Ship on Loadline..... <b>482.5</b>
					Length in Table..... <b>4444-37</b>
					Difference..... <b>38.43</b>
					Correction for 10ft. Table A..... <b>1.7</b> Table C. <b>.8</b>
					× Difference divided by 10..... <b>6.5448</b> (if required) <b>3.085</b>
					If $\frac{1}{10}$ ths length covered divide by 2 <b>+ 6 1/2"</b> <b>+ 3"</b>
<b>78</b>					CORRECTION FOR IRON DECK.
					Proportion covered, if less than $\frac{1}{10}$ ths length covered... <b>3 1/2"</b>
					Thickness of usual wood deck, less stringer..... <b>3 1/2" Wood sheathing fitted in after well, 1 1/2" composition fitted in accommodation and wood sheathing in forward well.</b>
					CORRECTION FOR ROUND OF BEAM.
					Breadth at Gunwale amidships..... <b>63.24</b>
					Round of Beam..... <b>14.96</b>
					Normal round..... <b>15.81</b>
					Difference..... <b>85 ÷ 2 =</b> <b>.42</b>
					Proportion of Deck uncovered (Para. 19)..... <b>.346</b>
					= <b>.145 = + 1/4"</b>
					Freeboard, Table A..... <b>10 - 5 1/2</b> <b>10 - 7"</b>
					Correction for Sheer..... <b>- 6 1/4</b> <b>- 6 1/4"</b>
					Correction for Length..... <b>9 - 11 1/4</b> <b>10 - 0 3/4"</b>
					Allowance for Deck Erections..... <b>+ 6 1/2</b> <b>+ 6 1/2"</b>
					Correction for Round of Beam..... <b>10 - 5 3/4</b> <b>10 - 7 1/4</b>
					Correction for fall in Sheer (if any)..... <b>- 10 3/4</b> <b>- 10 1/2</b>
					Correction for Steel Deck (if required)..... <b>9 - 7</b> <b>9 - 8 1/4</b>
					Additions for non-compliance with provisions of Para. 11 (d) and (e) +
					Other Corrections (if any) <b>Hot 1 1/2" composition in way - 2"</b>
					<b>for scutlings &amp; to correspond to the approved summer nll. draft of 25' 3"</b>
					Winter Freeboard..... <b>11 - 11"</b>
					Summer Freeboard..... <b>11 - 5"</b>
					Indian Summer Freeboard..... <b>11 - 5"</b>
					N. A. Winter Freeboard..... <b>12 - 6 1/2"</b>
					Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the <del>comp. on</del> steel deck with side.
					Winter Freeboard from deck line..... <b>12 - 6 1/2"</b>
					Summer " " "..... <b>12 - 0 3/4"</b>
					Indian Summer " " "..... <b>11 - 6 1/2"</b>
					N. A. Winter " " "..... <b>12 - 0 3/4"</b>
					1/8 Comp. on Wool (Steel) Deck..... <b>6 1/2"</b>
					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.

ing or ceiling are of unusual thickness the breadth of vessel to inside port if possible.  
change for deck erections under Para. 11 where the sheer drops abaft amidships, is to be taken from the level of the top of the amidships beam.  
In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and stern-post.

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WS13-0083

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MARKING FORM  
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REG'D

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- Do all the Frames extend to the top height in the Poop? ✓  
 To what height do the Reverse Frames extend? ✓ *B.A. frames.*  
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? ✓  
 Give particulars of the means for closing the openings in Bulkhead  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? ✓  
 Give particulars of the means for closing the openings in Bulkhead  
 What is the thickness of the Bridge Front plating? *10 mm* and Coaming plate? *11 mm.*  
 Give scantlings and spacing of the Stiffeners *B.A. 9 1/2 x 5 1/2 x 5 ft spaced 26'-24' apart.*  
 Are bracket plates fitted at each end of the Stiffeners? *Double lags* 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? *Heavy teak doors.*  
 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? *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? ✓ 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:

Position and Size SIZE	N°1 U.DS 20'25" x 16'83	N°2 - do - 26'25" x 21'33	N°3 PRY.DS 26'25" x 21'33	N°4 BOAT DS 13'1" x 16'33	N°5 PRY.DS 26'25" x 16'33	N°6 PRY.DS 15'75" x 16'33	Ship.	Rule.	Ship.
COAMING. Thickness { Sides Ends	35 1/2 ·44 ·44	35 1/2 ·44 ·44	24 ·44 ·44	-do- -do-	-do- -do-	-do- -do-			
SHIFTING BEAMS OR WEB PLATES.	2 I 405 x 9 1/2 Material L.S.	4 490 1/2 x 9 1/2 127 x 76 x 10 8	4 955 x 9 1/2 -do-	1 375 x 8 5/8 -do-	4 355 x 8 5/8 -do-	2 355 x 8 5/8 -do-			
* FORE AND AFTERS.	Number Section and Scantlings Material	Number Section and Scantlings Material	Number Section and Scantlings Material	none					
HATCHES Thickness	3 1/2	2 1/2	2 1/2	3	2 1/2	2 1/2			
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.

Strake between Main and Bridge Sheerstrakes?

What is the thickness of the Bridge Sheerstrake?

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 *19'-0"*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *16.00* Sq. ft.

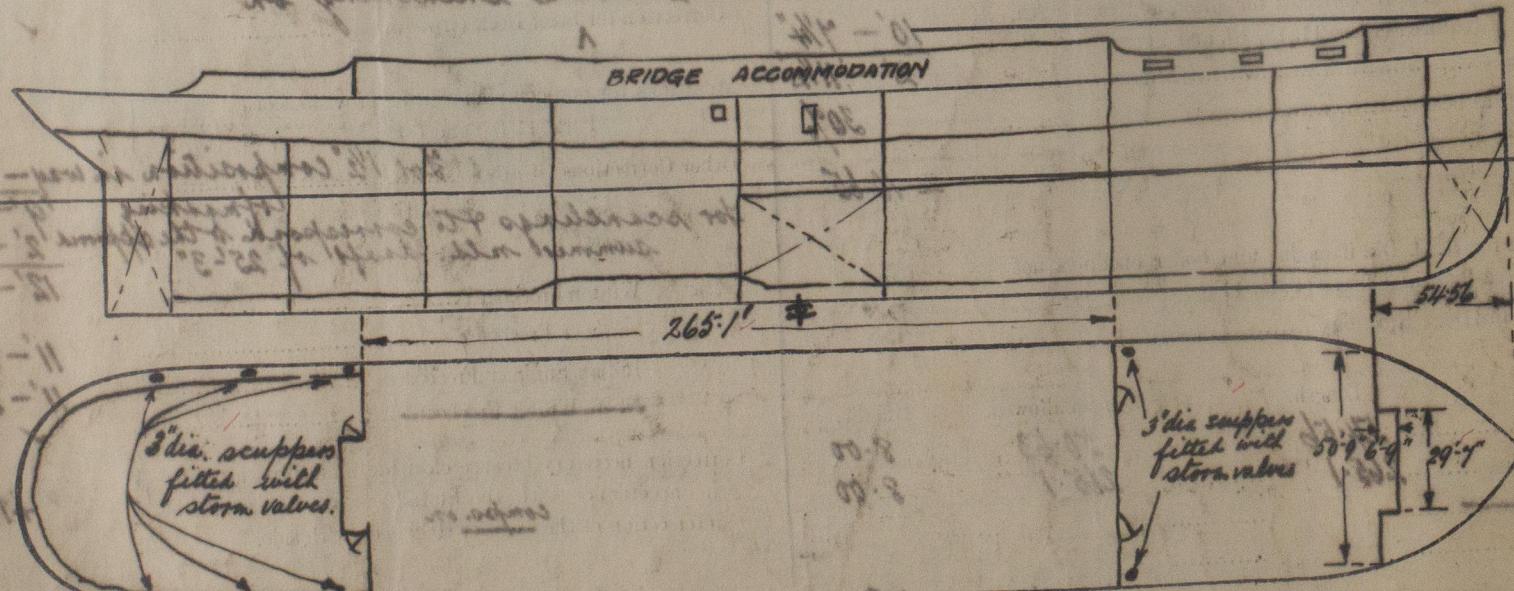
Ft. Tenth. Ft. Tenth. No.

*3.5 x 1.65 x 3*

{ Freeing Ports  
(each side of vessel)

= *16.32* Sq. ft.

Total deficiency or excess = *32* 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 ✓

Builder's name and yard number *Sociedad Espanola de Construccion Naval*

Names of sister vessels *"Cabo San Agustin"* S. E. C. N. Hull n° 38.

Owners *Messrs Ybarra & Co.*

Address

*Seville*

Received by me



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