

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

**B. COPY WRITTEN.**

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING SPAR OR AWNING DECKS.

Port of Survey Bilbao  
Date of Survey 13<sup>th</sup> April 1922  
Name of Surveyor W.B. Engledow

Soc. Espanola de Construccione Naval Bilbao. N<sup>o</sup> 19

Ship's Name. <b>"CABO HUERTAS"</b>	Port of Registry and Nationality. <u>Seville Spanish</u>	Official Number.	Gross Tonnage. <u>2776</u>	Date of Build. <u>1922</u>	Particulars of Classification. <u>+100A.1. Awning Deck with freeboard (contemplated)</u>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH. <u>280.02</u>	BREADTH. <u>42.0</u>	DEPTH. <u>24.56</u>	UNDER DECK Tonnage. <u>2312</u>
Length on LOADLINE	<u>280.02</u>	Frame Depth Rule <u>6 5 1/2</u>	Ceiling Sheer <u>fitted -</u>	Peak Tanks } Incls.
CORRECTED DIMENSIONS.	<u>280.02</u>	<u>41.92</u>	<u>24.56</u>	<u>2312</u>

Moulded Depth as measured 18-9/8" Main Deck.  
" " " 26-8 7/8" Spar or Awning Deck.

Co-efficient of fineness ..... .80 to Awning Deck  
 Any modification necessary } Say .78 to Main Deck  
 [Para. 4 (a) to (e)\*] } C.D.B.  
 Co-efficient as corrected ..... .76

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

CORRECTION FOR LENGTH:—

Length of Ship on Load Line....	<u>280.02</u>
Length in Table .....	<u>225.12</u>
Difference.....	<u>54.90</u>
Correction for 10ft.....	<u>.6</u>
× Difference ÷ 10 =	<u>3.29 + 3/4"</u>

Allowance for strength in excess of Lloyd's rules = 49"

State particulars—

Built angle framing  
Two complete steel decks.  
Strengthened topsides.  
Scantlings increased for Table A loading.  
5 W.Y. Bulkheads to Awning Deck.

Height of 'Tween Decks..... 7'-11 3/4"  
 (From top of beam to top of beam at side)  
 Correction for Height of 'Tween Decks in Spar-decked Ships.....

Freeboard Table A or C .....	<u>1-1</u>
Correction for Length.....	<u>+ 3/4</u>
<del>Correction for Height of 'Tween Decks in Spar-decked Ships.....</del>	<u>1-4 1/4</u>
	<u>7-11 3/4</u>
	<u>9-4</u>
Correction for Strength in excess of Lloyd's rules.....	<u>- 4-1</u>
	<u>5-3</u>
Correction for Iron Deck if required.....	<u>- 3/2</u>
	<u>4-11 1/2</u>

Sheer 20.96 ÷ 55 = 38.11  
38.00  
.11

Sheer at Stem ..... 50.59 } mean at 1/2 length from Stem ..... 28.34 } mean  
 Sternpost. 30.91 } 40.75 " " " Sternpost. 13.58 } 20.96

Drop in Sheer abaft amidships.....  
Awning  
 Round of Spar-deck Beam..... 10.43  
 " " Main-deck " ..... 10.43

	Length	×	Height.	State if open or closed at ends.
Forecastle .....	<u>25.65</u>	×	<u>7.9</u>	<u>Closed.</u>
Bridge.....	<u>68.32</u>	×	<u>7.87</u>	<u>Closed.</u>
Poop.....	<u>22.10</u>	×	<u>7.87</u>	<u>Closed.</u>

Winter Freeboard..... 4-11 1/2  
 Summer Freeboard..... 4-7 } 4-6 3/4 = 1351  
 Indian Summer Freeboard..... 4-2 1/2  
 N. A. Winter Freeboard..... 5-1 1/2

Correction necessary because clearside amidships measured in accordance with the Statute is not taken at intersection of the ~~wood~~ iron deck with side } 1/4

Winter Freeboard from Deck Line ..... 5-1 1/4"  
 Summer " " " ..... 4-8 3/4  
 Indian Summer " " " ..... 4-4 1/4  
 N.A. Winter " " " ..... 5-3 1/4

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

<u>19.4.22</u>	Fresh Water Line	above	centre of Disc	.....	<u>5 1/2</u>
	Indian Summer Line	"	"	.....	<u>4 1/2</u> } <u>17m</u>
	Winter Line	below	"	.....	<u>4 1/2</u>
	Winter North Atlantic Line	"	"	.....	<u>6 1/2</u>

NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength.  
 All vessels equal in strength to Lloyd's Awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for a Spar-decked Vessel, are to be considered as Awning-decked Ships, the freeboard for which will vary with their strength.

\* If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

MARKING FORM  
5 JUN 1930  
RECEIVED

MARKING FORM  
RECEIVED 28 APR 1926

MARKING REPORT  
15.22

Lloyd's Register  
Foundation

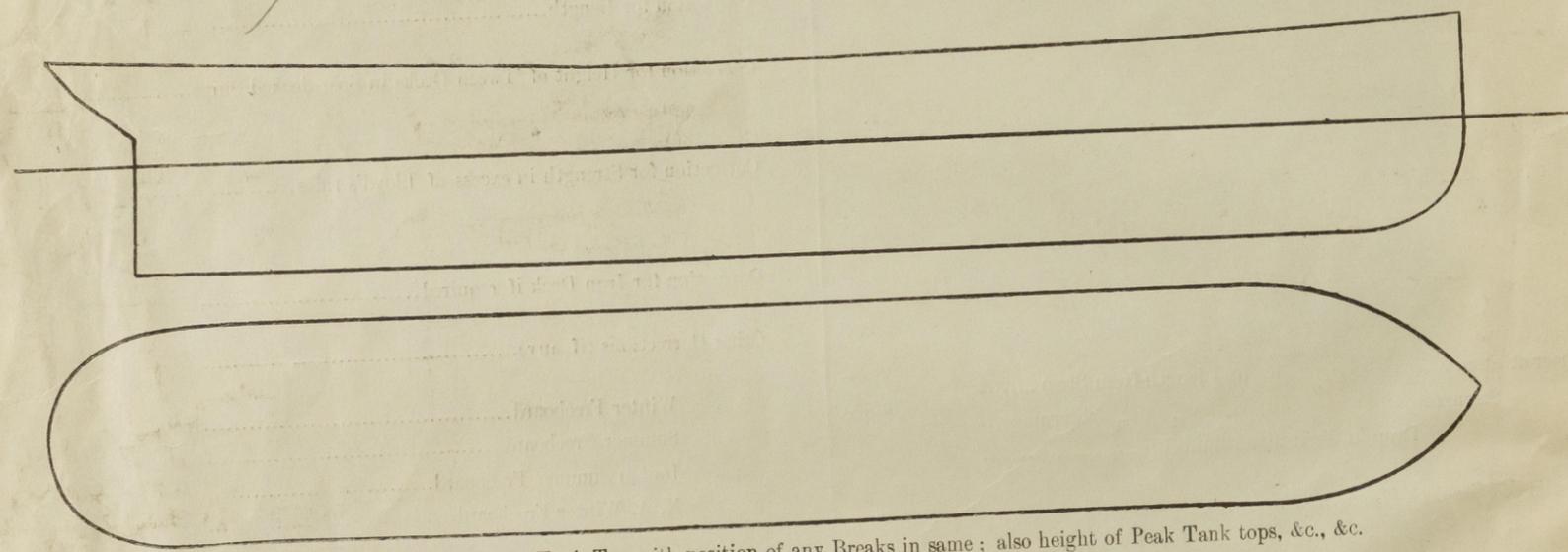
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Do all the Frames extend to the top Height in the Spar deck? Awning deck?  
 Do all the Frames extend to the top height in the Poop? Bridge House? Forecastle?  
 To what height do the Reverse Frames extend?  
 Has the Poop an efficient Iron Bulkhead at the fore end?  
 Give particulars of the means for closing the openings in Bulkhead Has the Bridge House an efficient Bulkhead at the fore end?  
 Is the Poop 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? and Coaming plate?  
 Give scantlings and spacing of the Stiffeners Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?  
 Are bracket plates fitted at each end of the Stiffeners?  
 Has the Bridge House an efficient Iron Bulkhead at the after end?  
 How are the openings closed? Has the Forecastle an efficient Iron or Wood Bulk'd. at after end?  
 Is the Forecastle at least as high as the main or top-gallant rail?  
 Are the Engine and Boiler openings covered by a Bridge, Poop, {  
 or enclosed by a Strong Iron or Steel Deckhouse?  
 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.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Item.										
COAMING Height above top of DECK										
	Thickness									
SHIFTING BEAMS OR WEB PLATES.	Number									
	Section and Scantlings									
* FORE AND AFTERS.	Number									
	Section and Scantlings									
HATCHES Thickness										
	Remarks									

attached sketch

\* 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.)



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

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