

Clond's Register of Shipping.
QUESTS FOR FREEBOARD.—STEAM SHIPS.

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 DISCONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey San Carlos Spain
Date of Survey 22nd Sept^r, 12th Oct^r 1914.
Name of Surveyor A. Dalrymple Ritchie

Messrs <i>La Sociedad Española de Construcción</i>		Port of Registry and Nationality.
<i>Navalis No 15</i> Ship's Name.		

Port of Registry
and Nationality.
Barcelona.

Official
Number.

Gross
Tonnage.
0,137
bbls

Date of Build.
1921.

Particulars of Classification.

Shade 100A.1 / Contemplated

Train: S. 9 CRISTOBAL COLÓN
Number in Register Book

Number in Register Book		LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
Registered	1 from	480	61.13.	32.75	5120. 180H
on	NE.	479.33.	Frame Depth ⁸ 12.7 Rule ⁷ 12.5 $+ 0.2$ $1 \times 2 = -.16$	Ceiling ³ 31.75 Sheer $+ .36$ tank rises. 6" at margin	Peak Included in Tanks ⁱⁿ done. $+ 12$ Tons for 12.7 Frame in Holds.
ATED	IONS.	479.33	60.94 ✓ 61.20	33.11	6936

Moulded Depth as measured... 35'-9'

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

Addition for Keel below base line
for draught record.. *Three*...inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	449.33
Length in Table	429.0
Difference	50.33
Correction for 10ft., Table A.	1.7
× Difference divided by 10	8.55 (i)
If $\frac{a}{10}$ ths length covered divide by 2	4.27 +

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ the length covered Wood deck
Thickness of usual wood deck, less stringer $3\frac{1}{2}$ fitted
3" Wood Sheathing fitted

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....59'-6"
 Round of Beam12"
 Normal round.....15' 14 7/8"
 Difference8' 2 3/4"
 Proportion of Deck uncovered (Para. 19).....18 1/4%

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

Freeboard, Table A	9" 6"
Correction for Sheer	- 3"
	<hr/> 9 - 3"
Correction for Length	+ 4 1/4"
	9" 7 1/4"
Allowance for Deck Erections	- 1 - 9"
	<hr/> 7 - 10 3/4"
Correction for Round of Beam.....✓	
Correction for fall in Sheer (if any).....✓	
3" Sheathing on	
Correction for Iron Deck (if required)	- 1/2"
	<hr/> 7 - 9 3/4"
Additions for non-compliance with provisions of }.....{	
Para. 11 (d) and (e) ‡	
Other Corrections (if any) <i>For position of lowest side scuttle</i> + 2" 9"	
	<hr/> 10 - 6 3/4"

Winter Freeboard	}	10 - 6 3/4
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 ~~union~~ deck with side.

Winter Freeboard from deck line	} 10 " 8 $\frac{1}{4}$
Summer " " " "	
Indian Summer " " " "	
N.A. Winter " " " "	
d (From) Deck :—	10 " 8 " For all Seasons.
... ..	6 $\frac{1}{2}$

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

ce for Deck Erections

	Length.	Length allowed.	Height.
62'-9"	57'-7 7/8" (overhead deck)	61.33	8'-0"
Green Openings	31'-9"	15.84	8'-0"
House	Complete 250'-8"	244.64	8'-0"
Qr. Dr.	planks	✓	8'-0"
	deck 46'-3"	66.30	8'-0"
Total		<u>391.14</u> = 816	
of Ship	480'-0" P.P.	479.33	

CARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood ~~(from)~~ Deck :-

Fresh Water Line	above	centre of Disc
Indian Summer Line	"	" "
Winter Line	below	" "
Winter North Atlantic Line	"	" "

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

Amidships obtaining an allowance for deck erections under Para. 11 where the sheer drops shaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidships beam.

Double-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 a certain distance one eighth of the vessel's length from stem and sternpost.

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 the line actual load forward and aft should be reported.

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RECEIVED 10 APR 1928

3-5-2

Do all the Frames extend to the top height in the *shade deck* *yes* *Raised Quarter Deck?* *yes* *Bridge House?* *yes* *Forecastle?* *yes*
 To what height do the Reverse Frames extend? *Main deck in engine room and boiler room. Lower deck in holds.*
 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 *Steel hinged doors. 15 coaming*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *yes* *Has the Bridge House an efficient Bulkhead at the fore end?* *yes*
 Give particulars of the means for closing the openings in Bulkhead *Steel hinged doors. Coaming 18" high*
 What is the thickness of the Bridge Front plating? *40* and Coaming plate? *43*
 Give scantlings and spacing of the Stiffeners *6" x 3" x 43" angle* *36" apart*
 Are bracket plates fitted at each end of the Stiffeners? *Long hinged at bottom* *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* *25" thick*
 How are the openings closed? *Steel doors. 12" coaming*
 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* *Shade deck*
 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 *yes*
 What is the height of the exposed Casings? *yes* *Particulars are for upper deck*
 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:—

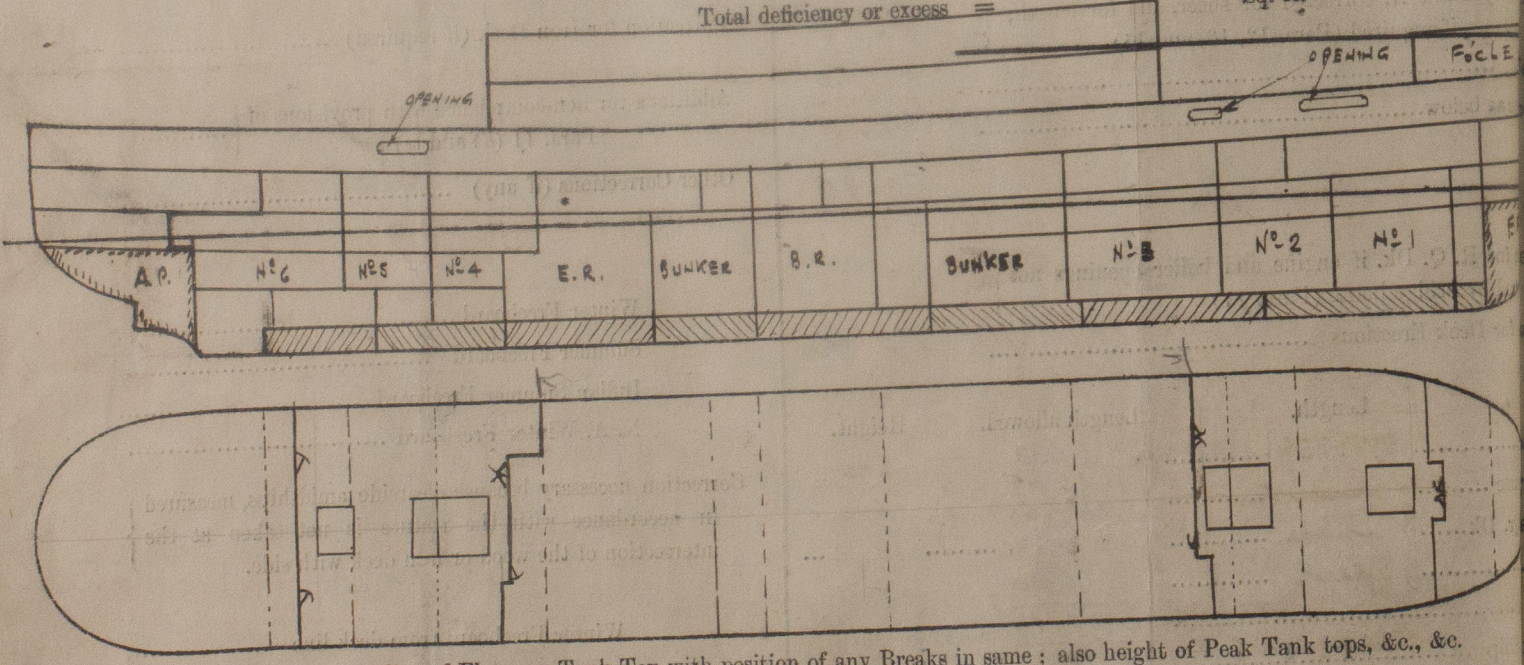
Position and Size.	N ^o 1. 16-7 1/2 x 15-0		N ^o 2 9-6 x 16-0		N ^o 3 11-10 1/2 x 16-0		N ^o 4 14-3 x 16-0		N ^o 5 11-10 1/2 x 16-0	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.										
Height above top of DECK	27		27		27		27		27	
Thickness { Sides.....	44		44		44		44		44	
Ends.....	44		44		44		44		44	
SHIFTING BEAMS OR WEB PLATES.										
Number.....	3		1		2		2		2	
Section and Scantlings.....	3 3/4 x 3 x 42		As N ^o 1		As N ^o 1		As N ^o 1		As N ^o 1	
Material.....	Steel		Steel		Steel		Steel		Steel	
* FORE AND AFTERS.										
Number.....										
Section and Scantlings.....										
Material.....										
HATCHES Thickness.....	3"		3"		3"		3"		3"	
Remarks.....	Laid F+A		Laid F+A		Laid F+A		Laid F+A		Laid F+A	

* 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.) *26'-3"*

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.
 What is the thickness of the Bridge Sheerstrake? *Strake between Main and Bridge Sheerstrakes?*

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 = *Sq. ft.*
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *Sq. ft.*
 Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = *Sq. ft.*
 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 *Cruiser stern. W.T bulkheads to load line*
Similar in design to "REINA VICTORIA EUGENIA", "INFANTA ISABEL DE BORBON" and sister vessel to "ALBOA"
now building at Bilbao. Vessel has been assigned a load line by the British B.O.T.
 Owners *Messrs La Compania Transatlantica*
 Address *Isabel la Catolica, Cadix and at Barcelona*
 Fee £ *720 pesetas.* Received by me