

SHADE
Awning or Shelter Deck,
or Pt. Awning Deck.

STEEL STEAMER.

No. 1019.

State of Report is also sent on the Machinery of the Vessel From Bilbao.

Port of Cadiz, Spain Date of completion of Report 6th September Received at London Office AT 15 SEP. 1923
Survey held at Ferrol, Spain Date, First Survey 29th May 1916 Last Survey 6th September 1923.
On the (State of Single, Twin, or Triple Screw) Twin screw steamer "CRISTOBAL COLON" Rig Schooner.

TONNAGE under (NETT) 6056.9.
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk.
Total under Upper Dk.
Do. of Poop
Do. of R. Qr. Dk.
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Deck
Do. of excess of Hatchways
Do. above Crown of Engine Room
Tonnage 10933.44.
Do. Space
Do. Crown of Engine Room
PAGE FOR FEES...
Engine Room
Navigation Spaces

CLASS + 100 A.1. Shade Deck
Breadth (greatest moulded) 61
Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 43.75
Deduct height of 'tween deck when this does not exceed 8 ft. 8.00
Transverse Number 35.75
Length on deck from fore part of stem to after part of sternpost 480
Longitudinal Number 46440
Depth "d" at middle of length. See Secs. 2 & 13. 15.75
Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 10.97
Upper Deck at side to top of keel 13.44

Master EDUARDO FANO OYARBIDE

Year of Appointment

Built at Ferrol

When built

Launched 31-10-21

By whom built La Sociedad Española de Construcción Naval

Owners La Compañía Transatlántica

Managers

(Where necessary to be entered in Reg. Book.)

Residence Barcelona

Port belonging to Barcelona

Building

Destined Voyage Vera Cruz

If Surveyed while Building, Afloat, or in Dry Dock + Afloat

LENGTH on Deck as per Rule 480
BREADTH Moulded 61
DEPTH, ACTUAL Top of Floors to top of Awn. or Shelter Dk. Beams 43.75
Do. Upper Deck Beams 32.9
No. of Decks with flat laid 4
No. of Tiers of Beams 4
Dimensions of Ship per Register, Length 499.4 breadth 61.0 depth 15.75
Upper Deck. Moulded depth, ft. 35 ins. 9 To Upper Dk.

FRAMING.						PILLARS.					
NAME, Angles, or E or L Bars, amidships	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule or as Approved	Inches per Rule or as Approved	PILLARS, in 'tween Deck, size and spacing	Inches in Ship	Inches in Ship	Inches per Rule or as Approved	Inches per Rule or as Approved	Inches per Rule or as Approved
Do. in peaks	8.98	3.46	43	8.97	3.46	" " Hold	3	54-57	3.54	57	
Do. in way of Double Bottoms at Solid Floors	3.54	3.54	47.45	3.54	47.45	" Quarter, 'tween Dks.,	3.34	54, 57	3.34	54-57	
" " at intermdt. Bkts.						" " in Hold	5/4	54-57	5/4	54, 57	
Spacing of Frames from centre to centre amidships	28 1/2			28 1/2		KEELSONS AND STRINGERS.					
" length to collision bulkhead	27			27		CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" of Frames from centre to centre in peaks	24			24		Rider Plate					
EVERSED FRAME, Angles, bulb	8.97	3.46	60	8.97	3.46	Flat Keel Plate Angles					
Do. in way of Double bottoms at Solid Floors	3.54	3.54	47.45	3.54	47.45	Horizontal Plates on Floors					
" " in BOILER ROOM	4.01	4.01	59	4.01	59	Angles or Bulb Angles					
" " in ENGINE ROOM	5	5	67	5	67	SIDE KEELSONS, Number					
FRAMING, depth of girder	11.21	12.69	11.21	12.69		Angles or Bulb Angles					
LOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						Plate above floors, for length					
" in way of Engine and Boiler spaces						Intercoastal Plate, for length					
" thickness at the ends of vessel						Attached to outside plating with Angle					
" depth at 1/2 the half-bdth. as per Rule						BILGE KEELSON, Angles					
" height extended at the Bilges	54			54		Intercoastal Plate, for length					
LOORS, in Cell Double Bottoms	46	40		46	40	Attached to outside plating with Angle					
" state if flanged (top and bottom)	No			No		SIDE STRINGERS, Number					
" spacing of Solid	28 1/2	27		28 1/2	27	Angle					
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss	48	60	48	60	48	Intercoastal Plate, for lng.					
" Angles, Top Double	3.54	3.54	55.5	3 1/2	56	Attached to outside plating with Angle					
" Bottom Double	5.51	5.51	66.59	5	75	Awning or Shelter Deck Stringer Plates, breadth and thickness					
" to Floors	3.54	3.54	47.45	3.54	47.45	Angle on ditto					
" Brackets at intermdt. frmg., wdth & thknss						Tie Plates, fore and aft, outside Hatchways					
DE GIRDERS, number and thickness	3	44	40	44	40	Deck, * Iron or Steel, for full lng.					
" state if flanged (top & bottom)	No			No		Wood Deck, Material & thickness P.P.					
" Angles	3.54	3.54	46	3 1/2	46	Upper Deck Stringer Plate, breadth and thickness					
MARGIN PLATE, depth (exclusive of flange) and thickness	4.01	4.01	57	4	57	Angles on ditto, No. 1 and cheeks					
" Angles to outside plating	10	52	54	10	52	Tie Plates, outside Hatchways					
" to floors						Deck, * Iron or Steel, for full lng.					
" Brackets at intermdt. frmg., wdth & thknss						Wood Deck, Material & thickness P.P.					
Height of Brackets above at bilge	33			33		Second Deck Stringer Plates, br'dth & thknss					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	60	54	46	60	54	Angles on ditto, No.					
" thickness in Engine and Boiler space	56	ER	60	62	60	Tie Plates, outside Hatchways					
" " SHADE	44	40		44	40	Deck, * Material and thickness Steel					
EAMS, Awning or Shelter Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8.97	3.46	47	8.97	3.46	Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness					
" Spacing	24	27	28 1/2	24	27	Angles on ditto, No.					
EAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8.97	3.46	47	8.97	3.46	Tie Plates, outside Hatchways					
" Spacing	24	27	28 1/2	24	27	Deck, Material and thickness Steel					
EAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8.97	3.46	47	8.97	3.46	Poop Deck Stringer Plate, breadth & thickness					
" Angles on upper edge	9.84	3.14	42	9.84	3.14	Angles on ditto					
" Spacing	24	27	28 1/2	24	27	Tie Plates					
EAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						Deck, Material and thickness					
" Angles on upper edge						Forecastle Deck Stringer Plate, br'dth & thknss					
" Spacing						Angles on ditto					
EAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	6	3	43	6	3	Tie Plates					
" Angles on upper edge						Deck, Material and thickness P.P.					
" Spacing	43 1/4			43 1/4		Forecastle Deck Stringer Plate, br'dth & thknss					
EAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	8	3.46	31	7 1/2	3	Angles on ditto					
" Angles on upper edge						Tie Plates					
" Spacing	27	24		27	24	Deck, Material and thickness P.P.					

* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

W506-0096(112)

GENERAL REMARKS—(continued).

The main deck stringer has been increased .15 at coal hatches and .10 at casings.
 The shell plating has been increased .04 in lieu of stringer and for side lights and has been treble riveted 1/4 L from each end as per rule for three strakes near neutral axis.
 The openings in topsides at wells have been fitted with hinged teak covers with hells eyes.
 The W.T. doors made by Stone & Co. on the Stone Lloyd's system are 8 vertical sliding, 12 horizontal and have been tested and found satisfactory; a hand gear 32-1 is also fitted.
 The steering gear is to Hartie & Co. design made in Bilbao, and controlled by Mr. Jaggart, & Co. system of telemotor and has been examined under steam and found satisfactory.
 The windlass was made in Bilbao and has been tested & found satisfactory.
 The vessel has been subdivided as per the recommendations of the Committee on the Subdivision of ships. One fireproof bulkhead is fitted on ^{Promenade deck + one on} shade deck and three on upper deck.
 Displacement 14320 tons. Deadweight 6310 tons. Freeboard 10'8". Corresponding draught 10'8".
 Permanent bunkers. 1963 tons. Bale Capacity 142,290 Cub. Ft. Grain Capacity 160,130 Cub. Ft.
 a freeboard similar to that assigned by this Society was assigned by the British Board of Trade.
 This vessel is a sister vessel to the S.S. ALFONSO XIII built at Pesta, Bilbao is to Messrs Swan, Hunter and Wigham Richardson design No. 1010. Please see also to Newcastle surveyor in connexion with this case.
 A midship section as built is being forwarded by separate post. ? Frying Rep

No.	THK.	HOLD TO LOWER DECK		LOWER TO MAIN		MAIN TO UPPER		DOUBLE OR SINGLE FRAMES	HEIGHT UP.	SPACING OF STIFFENERS
		STIFFENER	REV. BAR.	THK.	STIFF	THK.	STIFFENER			
COLLISION.	194	.46	8.97x3.4x51	5.9x2.95x43	.3	5.90x2.95x43	26	4.01x2.99x35	SINGLE. ✓	12" D.K. ✓
	166	.50								24" ✓
	172	.40	8.97x3.46x51	Do.	.3	Do.	26	Do.	Do.	30" ✓
	154	.50	Do.	Do.	.47	.3	Do.	26	Do.	30" STEPPED
	136	.38	Do.	4.72x3.46x39	.3	Do.	26	Do.	Do.	30" ✓
	116-108	.38	Do.	Do.	.3	Do.	26	Do.	Do.	30" ✓
	90	.50	Do. M. OK	5.98x5.0x53	.3	✓	26	Do.	Do.	30" STEPPED
	75-83	.38	Do. M. OK	Do. N. OK	.3	✓	26	Do.	Do.	30" STEPPED
	54-62	.44	Do.	3.54x2.95x35	.3	5.95x2.95x43	26	Do.	Do.	30" ✓
	42	.44	Do.	4.01x2.99x39	.3	Do.	26	Do.	Do.	30" ✓
AFT PEAK.	35-27	.38	5.9x2.95x43	5.9x2.95x43	.3	Do.	26	Do.	Do.	30" STEPPED
	9-11-17	.42	8.97x3.46x51		.3	Do.	26	Do.	Do.	24" ✓

This vessel has also been built under the survey of the Registro Italiano.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle ✓ ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given should appear in the Register Book). 4 steel. Plaster, pitch pine. (Passengers) Litonia. Red pine. (Emigrants) Litonia.
 Official No. ✓ ; Signal Letters MBPZ 1/1/23 State if Machinery is fitted aft No.
 How are the surfaces preserved from oxidation? Inside Paint + cement Outside Paint.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors Cellular

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	Nº 8 35.625	29.5			
Double bottom, under Engines and Boilers,	Nº 7 41.875	112.5	Fore peak tank,		
Double bottom, if under Engines only,	Nº 6 45.125	157.5	After peak tank,		
Double bottom, if under Boilers only,	Nº 5 36.625	159.5	Deep tank, aft,		
Double bottom, forward,	Nº 4 61.75	254.5	Deep tank, forward,		
	Nº 3 52.25	235.5	Other tanks, if fitted, <u>FRESH WATER TANK.</u>	30'-10 1/2"	6
	Nº 2 61.50	214.5	(If necessary, furnish further information by sketch.)		
	Nº 1 60.75	95.0			
Total capacity of double bottom		1278.6			
* The wells are not to be included in the lengths of the tanks.					

State whether the above have been tested as required by the Rules. Yes

Order for Special Survey No. (1916) 29.5-16. 30.5-16. Nov 3. 4. Dec. 12, 13, 14, 15, 16, 17. (1917) JAN 18-19. FEB 14, 15. APRIL 16. (1918) MAY 1. 31. JUNE 1. JULY 13, 30, 31. AUG 27, 28. (1919) MAR 12, 13, 14, 15, 16, 17, 18, 19. APRIL 1. MAY 1. 2. JUNE 13. AUG 6, 7, 26, 27, 14. SEPT 2, 5. DEC 16, 18. (1920) JAN 2, 3, 6. MAR 16, 17. JUNE 19, 20, 21, 22, 23, 24, 25, 26. AUG 21, 23, 24. SEPT 15, 16, 17, 18, 19, 20, 21, 22, 23. OCT 28, 29, 30. 2, 3, 4, 5. (1921) JAN 10, 11, 12, 13, 14, 15. MAR 3, 4, 5, 6, 7, 8, 9. MAY 21, 22, 23, 24, 25. (1922) APRIL 21, 22, 23, 24. SEPT 30 OCT 1, 2, 3, 4, 7, 9. (1923) JAN 25, 26. AUG 24, 25, 26, 30, 31. SEPT 1, 2, 3, 4, 5.
 Date 5 in builder's yard.
 Total No. of Visits 4025

Surveyor's Signature