

1 or 2 Decks.

IRON OR STEEL STEAMER.

State of Report is also sent on the Machinery of the Vessel *yes*

Received at London 2 DEC 1902

No. *290*Survey held at *Cádiz*Date of completion of Report *26th Nov^r*Port of *Cádiz*Date, First Survey *15th October 1901*Last Survey *26th Nov^r 1902*On the *Steel Screw Steamer**Jose de Aramburu*Rig *Schooner*

TONNAGE under

2015

ONE OR TWO DECKED VESSEL.

Master *Jose Romero*

Do. of Poop

*84.45*CLASS *100 A.I.*

Year of appointment

(1) As master in service of
(2) As master of this
vessel. 18

Do. of Raised Gr.

Dk. or Break.

Do. of Bridge House

108.30

Do. of Houses on Deck

28.50

Access of Hatchways

32.14

Forecastle

52.30

Crown of

66.40

Room ..

Tonnage

2387.09

New Space

159.40

Crown of

66.40

Room ..

GE FOR FEES

697.68

Room

40.00

Navigation Spaces

er Tonnage

1424

on Beam ..

*1268.13*Half Breadth (moulded) *20.5*Depth from upper part of Keel to top of Main Deck Bms. *23.1*Girth of Half Midship Frame (as per Rule) *39.56*1st Number *83.16*Length *279.83*2nd Number *23270*Proportions—Breadths to Length *6.82*Depths to Length—Main Deck to top of Keel *12.5*

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock *in all*Built at *Cádiz*When built *Launched 7th June 1902*By whom built *Compañia Trasatlantica*Owners *Compañia gaditana de navegacion del vapor**Jose de Aramburu*

Managers

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

Residence *Cádiz*Port belonging to *Cádiz*TH on Deck *Feet. Inches.* **BREADTH—** *Feet. Inches.* **DEPTH—** *Feet. Inches.* **Power of** *Horse.* **No. of Decks with Flat laid** *one*
er Rule **Moulded.....** *41 0* **from Top of Floors to Main Deck** *19 11 1/2* **Engines** *1000* **No. of Tiers of Beams** *one*ensions of Ship per Register, Length, *279* breadth, *41* depth, *23 1/4* Moulded Depth, ft. *22* ins. *3* Round of Beam *10 1/2* inches.

ORGINGS AND CASTINGS.

Inches in Ship. Inches per Rule. Or as Approved.

Bar or Side Plates depth and thickness *10 x 2 1/8* *10 x 2 1/8*moulding and thickness. *10" x 6"* *10" x 6"*N-POST for Rudder do. do. *10" x 6"* *10" x 6"*for Propeller *7 3/4"* *7 3/4"*PIECE of Rudder, diameter at head. *6 1/2 x 3 3/4"* *6 1/2 x 3 3/4"*do. at heel. *6 1/2 x 3 3/4"* *6 1/2 x 3 3/4"*ER, how constructed *Single plate*Rudder be unshipped afloat? *yes*

FRAMING.

E, Angles, or Bars, for 1/2 length amidships *5 1/2 x 3 1/2 x 8"* *5 1/2 x 3 1/2 x 8"*for 1/2 at each end *5 1/2 x 3 1/2 x 8"* *5 1/2 x 3 1/2 x 8"*n way of Double Bottoms *5 1/2 x 3 1/2 x 8"* *5 1/2 x 3 1/2 x 8"*e of Frames from moulding edge to *24"* *24"*ding edge, all fore and aft *5 1/2 x 3 1/2 x 8"* *5 1/2 x 3 1/2 x 8"*RSED FRAME, Angles *5 1/2 x 3 1/2 x 8"* *5 1/2 x 3 1/2 x 8"*RS, depth and thickness of Floor Plate *7/20"* *7/20"*at mid-line for 1/2 length amidships *7/20"* *7/20"*in way of Engines and Boilers *7/20"* *7/20"*thickness at the ends of vessel *7/20"* *7/20"*depth at 1/2 the half breadth, as per Rule *7/20"* *7/20"*height extended at the Bilges *7/20"* *7/20"*RS & BRACKETS, in Cell Dble Bottoms *7/20"* *7/20"*Distance apart *7/20"* *7/20"*IE GIRDER, in Double Bottom, depth *7/20"* *7/20"*and thickness *7/20"* *7/20"*Angles, Top *6 x 4 x 9/20"* *6 x 4 x 9/20"*Bottom *6 x 4 x 9/20"* *6 x 4 x 9/20"*GIRDERS, number and thickness *3 7/20"* *3 7/20"*Angles *3 7/20"* *3 7/20"*IN PLATE, depth (exclusive of flange) *28"* *28"*and thickness *3 1/2 x 3 1/2 x 8/20"* *3 1/2 x 3 1/2 x 8/20"*Angles *3 1/2 x 3 1/2 x 8/20"* *3 1/2 x 3 1/2 x 8/20"*BOTTOM PLATING, breadth and *47 1/4 x 9/20"* *47 1/4 x 9/20"*thickness of Middle Line Strake *47 1/4 x 9/20"* *47 1/4 x 9/20"*thickness in Engine and Boiler space *9/20"* *9/20"*Remainder in Holds *8/20"* *8/20"*Main and Raised Quarter Deck, *7 1/2 x 3 x 10/20"* *7 1/2 x 3 x 10/20"*Angle, Bulb Angle, Plate or Tee Bulb *7 1/2 x 3 x 10/20"* *7 1/2 x 3 x 10/20"*Angles on Upper Edge *24"* *24"*Average space *24"* *24"*Lower Deck, Single Angle, Bulb *6 x 3 x 8/20"* *6 x 3 x 8/20"*Angle, Plate or Tee Bulb *6 x 3 x 8/20"* *6 x 3 x 8/20"*Angles on Upper Edge *24"* *24"*Average space *24"* *24"*Hold, Plate or Tee Bulb *6 x 3 x 8/20"* *6 x 3 x 8/20"*Angles on Upper Edge *24"* *24"*Average space *24"* *24"*Forecastle Deck, Angle, Bulb Angle, *6 x 3 x 8/20"* *6 x 3 x 8/20"*Plate or Tee Bulb *6 x 3 x 8/20"* *6 x 3 x 8/20"*Angles on Upper Edge *24"* *24"*Average space *24"* *24"*RS, In 'tween Decks, Size and Spacing *4 1/4 solid pillars 48"* *4 1/4 solid pillars 48"*Hold *4 1/4 solid pillars 48"* *4 1/4 solid pillars 48"*RAMES, In Fore Body, No. and Spacing *4 1/4 solid pillars 48"* *4 1/4 solid pillars 48"*Brdth. & Thickness *4 1/4 solid pillars 48"* *4 1/4 solid pillars 48"*No. of Side Stringers *4 1/4 solid pillars 48"* *4 1/4 solid pillars 48"*RAMES, In After Body, No. and Spacing *4 1/4 solid pillars 48"* *4 1/4 solid pillars 48"*Brdth. & Thickness *4 1/4 solid pillars 48"* *4 1/4 solid pillars 48"*No. of Side Stringers *4 1/4 solid pillars 48"* *4 1/4 solid pillars 48"*Size of Angles or Tee Bars to Web Frames *4 1/4 solid pillars 48"* *4 1/4 solid pillars 48"*BRACKET PLATES to Stringers between *4 1/4 solid pillars 48"* *4 1/4 solid pillars 48"*Web Frames, Depth and Thickness *4 1/4 solid pillars 48"* *4 1/4 solid pillars 48"*

KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

floors, Through Plate, or Intercostal Plate

Rider Plate

Bulb Plate to Intercostal Keelson

Horizontal Plates on Floors

Angles

SIDE KEELSON, Angles

Bulb or Plate above floors for

Intercostal Plate for

Attached to outside plating with Angle

BILGE KEELSON, Angles

Bulb or Plate above floors for

Intercostal Plate for

Attached to outside plating with Angle

BILGE STRINGER Angles

Bulb Plate for

Intercostal Plate for

Attached to outside plating with Angle

SIDE STRINGER Angles

Bulb or Intercostal Plate for

Main and Raised Quarter Deck Stringer

Plate, on ends of Beams, breadth & thickness

Angle on ditto

Tie Plates fore & aft, outside Hatchways

Diagonal Tie Plates on Bms., No. of Pairs

Flat of Dk* Iron or Steel for

Wood Material & thickness

How fastened to Beams

Lower Deck Stringer Plate, on ends of

Beams, breadth and thickness

Angles on ditto, No.

Tie Plates, outside Hatchways

Flat of Deck* Material and thickness

How fastened to Beams

Hold Stringer Plate, on ends of Beams

Angles on ditto, No.

Poop Deck Stringer Plate, breadth & thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

Bridge Deck Stringer Plate, brdth & thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

Forecastle Deck Stringer Plate, brdth & thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

PLATING.

FLAT PLATE KEEL, breadth and thickness

d'bling or incr'd thickness, & length appl.

PLATES in Garboard Strakes, brdth & thickness

From Garboard to lower part of Bilges

State Thickness of Plating in way of Double Bottom.

Bilges, number of Strakes and thickness

Of doubling at Bilge, or increased thickness,

and length applied

from up. part of Bilge to lr. edge of Sh'rstrake

Sheerstrake, breadth and thickness

Of d'bling at Sh'stk. & lng. applied

Poop Sides

Raised Quarter Deck Sides

Bridge Sides

Forecastle Sides

Lengths of Plating *16 to 22 feet*

BULKHEADS. No. in Vessel 4 No. Reqd. by Rule 4

	Thickness.	Angles.	Spacing.	Height up.	Sngl. or Dbl. Frames.
Ceiling betwixt Decks, thickness and material					
" in hold do. do. <u>2 1/2" pine</u>					
Number of Breasthooks <u>3</u>					
" Crutches					

W. T. BULKHEADS { 2" lower Vrtcl. 2' 6" Upper St Double
 5" above Hrzntl. 4"
PARTITION... 1/2" Vrtcl. 2' 6"
LONGITUDINAL Vrtcl.

Are the outside Plates doubled two spaces of Frames in length? yes

The FRAMES extend in one length from margin plate to margin plate Riveted through Plates with 7/8" in. Rivets, about 5 1/2" apart
The REVERSED ANGLE on floors and frames extend from margin plate to margin plate in pieces inside tank & from margin plate to upper
& up to fore-castle deck alternately

RIVETING OF EDGES AND BUTTS OF SHELL PLATING AND BUTTS OF STRINGER PLATES, TIE PLATES, KEELSONS, &c.
Garboard, double riveted to Bar Keel or Flat Plate Keel, with rivets 1" in. diameter, averaging 4" ins. from centre to centre.
Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets 7/8" in. diameter, averaging 3 1/2" ins. from centre to centre.
Butts from Keel to turn of Bilge, worked carvel, treble or double riveted; treble for length; with rivets in. dia., averaging ins. from cr. to cr.
" " " overlapped for all length, treble riveted for all length; with rivets 7/8" in. dia., averaging 3" ins. from cr. to cr.
Butts of Strakes at Bilge for length, treble riveted with Butt Straps thicker than the plates they connect.
Edges from Bilge to Sheerstrake, worked clencher, double or single riveted; with rivets 7/8" in. diameter, averaging 3 1/2" ins. from centre to centre.
Butts from Bilge to Sheerstrake, worked carvel, treble or double riveted; treble for length; with rivets in. dia., averaging ins. from cr. to cr.
" " " overlapped for all length, treble riveted for all length; with rivets 7/8" in. dia., averaging 3" ins. from cr. to cr.
Edges of Sheerstrake, double or single riveted.
Butts of Sheerstrake, treble riveted for all length and ships.
Butts of Main Stringer Plate, treble riveted for all length and ships. Single or Double Butt Straps to Stringer Plate for length.
Butts of Inner Bottom Plating double riveted for all length. Butts of Centre Girder treble riveted straps
Breadth of edge laps of Shell Plating in double riveting 5 1/2" Breadth of edge laps of Shell Plating in single riveting
Butt Straps of Shell Plating breadth and thickness Butts, if Lapped, breadth of laps 9"
Butt Straps of Keelsons, Stringer and Tie Plates, treble or double riveted?

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Beams, Keelsons, Tie and Stringer Plates, Outside Plating, &c.? Siemens Martin Process. Corbett Iron & Steel.

Workmanship. Are the butts of plating planed or otherwise fitted? planed
Is the riveted work properly closed? yes
Are the liners between the frames and plates solid single pieces? yes Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? yes Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? yes Do any rivets break into or through the seams or butts of the plating? no
Are the butts of Plating, Stringers, &c., properly shifted and strapped? yes two clear spaces of frames at least

MASTS, SPARS, &c.

	Material.	Total Length	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	1000ths.		Number.	Size.	Seams.	Butts.
Fore Mast...	Steel	71'	20"	15"	13"	2			single 2 1/2"	double riveted
Main Mast...	Steel	63'	17"	13"	12"	2			single 2 1/2"	butt straps
Mizen Mast...										

Bowsprit
Topmasts, Yards and Remainder of Spars wood topmasts
Rigging, Material and Size, Shrouds galvanized steel wire rope 4 3/4" Stays 4 3/4" x 3 1/2"
Sails. Suit of Sails, and the following spare sails

EQUIPMENT No. 24369 LETTER S ANCHORS.

Number of Certificate.	Weight, Ex. Stock	Weight of Stock	Test, per Certificate	Weight Req. by Rule	Description of Anchor.	Makers.	Where and when tested and Superintended.			
								Tons.	cwts.	qrs.
235538 1st Bower	40	2	0	36	2	2	0	Hackles	Joseph Wright	Lloyd's proving house
235556 2nd "	39	2	0	35	8	3	0	Stark's hammer	8 B.	Victoria, 22-23-24 April
235557 3rd "	34	2	2 1/2	32	1	3	14	Cast steel head	Victoria	1912.
Collective weight	114	2	2 1/2						Hampshire	
235559 Stream	10	2	2 1/2	12	10	3	21	10	Ordinary	
23565 Kedg	5	1	2 1/2	7	14	0	7	5	Ordinary	
2nd Kedg										

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	Test per Certificate.	Weight of Chain Cable	Fathoms & Size.	Description.	Makers of Cables.	Where and when tested, and Superintended.	Material.	Fathoms.	Size.	Fathoms & Size.
23847	120	1 1/2"	breaking 209-0-11	240-176	240-176	Steel link chain cable	J. Wright & Co.	2nd July 1902. Lloyd's	TOWLING*			
23848	120	1 1/2"	breaking 211-0-26			chain cable	Victoria, Hampshire	ring house Victoria, E. S. Corbett	Jawser			
Iron Stanchion or Steel Wire	75	4 1/2"	35	420-1-9	397-3-6	steel wire						
Towline (steel wire)	90	4"	33			steel wire						

HAWSERS AND WARPS.

Number of Certificate.	Fathoms.	Size.	Test per Certificate.	Weight of Chain Cable	Fathoms & Size.	Description.	Makers of Cables.	Where and when tested, and Superintended.	Material.	Fathoms.	Size.	Fathoms & Size.
23847	120	1 1/2"	breaking 209-0-11	240-176	240-176	Steel link chain cable	J. Wright & Co.	2nd July 1902. Lloyd's	TOWLING*			
23848	120	1 1/2"	breaking 211-0-26			chain cable	Victoria, Hampshire	ring house Victoria, E. S. Corbett	Jawser			
Iron Stanchion or Steel Wire	75	4 1/2"	35	420-1-9	397-3-6	steel wire						
Towline (steel wire)	90	4"	33			steel wire						

Boats 3-2 Life boats & one service boat, each life boat to carry 28 men which forms the crew
Pumps, Number 4 Diameter of Barrel and Tail Pipe 5 1/2" barrel - 2 3/4" tail pipe
The Windlass is Steam, Clarke Chapman Capstan
Engine Room Skylights. How constructed? of steel
What arrangements for deadlights in bad weather?
Coal Bunker Openings. How constructed? hatchways How are lids secured? clats & flat iron bars Height above deck? 18"
Number of Scuppers, and number and dimensions of Freeing Ports, &c. 12 scuppers & 8 freeing ports 32"x24" & 6 mousing pipes 12"x8"
Cargo Hatchways. How formed? of steel plates 30" above deck Hatches, if strong and efficient? wood 3" thick
State size No. 1 Hatch (Forward) 20' x 15' No. 2 Hatch 24' x 15' No. 3 Hatch 24' x 15' No. 4 Hatch 20' x 15'
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch 1 web plate to lower edge of craming on 1st & 4th hatches, 2 web plates in 1st, 2nd, 3rd, 2 fore and afters to each hatch
Bulwarks, height above deck and description 4' high of steel, bulb angle stanchions Main Rail, material and size steel angle 6 x 3 x 1/2" x half round 3 x 1/2"

The above is a correct description.
Builder's Signature, Comp Transatlantica Surveyor's Signature, William West
110009. Kluun Surveyor to Lloyd's Register of British and Foreign Shipping.

Order for Special Survey No. 16 in builder's yard

Date 16

Order for Ordinary Survey No. 16

Date 16

State dates and initials of letters respecting this case 11.15.19.22.25.27.29.30.12.24.7.11.14.15.17.19.21.22.24.26

General Remarks (State quality of workmanship, &c.) I have constantly inspected the work during the construction of this vessel, and I have found the workmanship good, and to my satisfaction.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 36.5 ft., R.Q.D. or Break 36.5 ft., Bridge Dk. 58 ft., F'castle 32.5 ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. 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 as it should appear in the Register Book) 1st (Iron) 1st B.
Official No. 1st B.; Signal Letters

PARTICULARS OF WATER BALLAST.—
Double bottom, aft, length 82'-0" and water capacity in tons 160. Double bottom, forward, length 110'-0" and water capacity in tons 260.
Double bottom, under engines and boilers, length 40'-0" and water capacity in tons 88. If under Engines only, or Boilers only, state which
Double bottom, constructed on the cellular system, length 232'-0" and water capacity in tons 508.
Fore peak tank, water capacity in tons 70. After peak tank, water capacity in tons 40 tons.
Midship deep tank, length and water capacity in tons . Other tanks, if fitted, length and water capacity in tons .
The above have yes been tested as required by the Rules.
(If necessary, furnish further information by sketch.)
How are the surfaces preserved from oxidation? Inside Cement washed Outside Sweden's tar sprinkled with cement

FREEBOARD assigned by the Committee, as per Secretary's Letter, dated 5th September 1902
In Summer 3 ft. 8 ins.
In Winter 3 ft. 11 ins.
For Winter in North Atlantic 4 ft. 1 ins.
Fresh Water above the centre of disc 4 1/2 ins.
To top of Wood, Iron or Steel Upper Deck. below top of statutory deck line.

State if marked on Vessel's sides in accordance with Notice No. 572 yes
The amount of Entry Fee £ 2 : 0 : 0 is received by me, 5th September 1902
Special ... £ 84 : 13 : 18 18th Sept 1902
Certificate* £ : : : 18th Sept 1902
Travelling Expenses, if any £ : : : 18th Sept 1902
I am of opinion this Vessel should be Classed * 100 A.I.

Committee's Minute TUES. 16 DEC 1902
Character assigned 100 A.I. Steel
clouds a r c l
+ 2 m c u, or h v
ay name
br re fees 10/1/02

Surveyor to Lloyd's Register of British and Foreign Shipping. William West
Please call my report dated 29 Sept 1902 and endorsement signed by General Committee 2nd Oct 1902
Geo. H. W. Jones

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