

1 or 2 Dks., R. O. Dk.,
and Pt. Awing. Dk.

IRON OR STEEL STEAMER.

State if Report is also sent on the Machinery of the Vessel *Yes*
Date of completion of Report *17th August, 1907*

No. *25637*
Received at London Office **FUES. 20 AUG. 1907**

Survey held at *Paraná*
On the *S.S. "La Plata"*

Date, First Survey *19th February*

Port of *Glasgow*
Last Survey *7th August 1907*
Rig *Sloop*

TONNAGE under Tonnage Deck...	351.73
Do. of Poop	
Do. of Raised Or. Dk. or Break...	
Do. of Bridge House (SIDE)	4.66
Do. of Forecastle	8.00
Do. of Houses on Deck	32.19
Do. of excess of Hatchways	14.37
Do. above Crown of Engine Room	19.46
Gross Tonnage	430.41
Less Crew Space	37.34
Less above Crown of Engine Room	19.46
TONNAGE FOR FEES	373.61
Less Engine Room	137.73
Less Navigation Spaces	21.60
Crew	37.34
Register Tonnage as cut on Beam	233.74

ONE OR TWO DECKED VESSEL.

CLASS A 1. for *over* purposes only

Master (not appointed)

Year of appointment (1) As master in service of owner of present vessel: - 19
(2) As master of this vessel: - 19

Built at *Paraná*

When built *1907* Launched *16th July, 1907.*

By whom built *J. Fullerton & Co. (LA FLUVIAL.)*

Owners *Antonio Carbone*

Managers -

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

Residence *Buenos Ayres*

Port belonging to *Buenos Ayres*

Destined Voyage *Buenos Ayres* If Surveyed while Building, Afloat, or in Dry Dock *yes*

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	Feet.	Inches.	No. of Decks with Flat laid	No. of Tiers of Beams
158	11	3/4	31	0	9	6	9	6	one	one

Dimensions of Ship per Register, Length, *160.0* breadth, *31.1* depth, *9.15* Moulded Depth, *9* ft. *10* ins. Round of Beam, Actual *9* ins.

FRAMING.				FORGINGS AND CASTINGS.			
Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Appr. ved.	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Appr. ved.
FRAME, Angle, 3.5 or 4 Bars, for 1/2 length amidships				KEEL, Bar or Side Plates depth and thickness			
3	2 1/2	5	3 2 1/2 5	STEM, moulding and thickness			
3	2 1/2	5	3 2 1/2 5	Stern-post for Rudder do. do.			
Do. for 1/2 at each end				for Propeller			
Do. in way of Double Bottoms at Solid Floors				MAIN PIECE of Rudder, diameter at head			
" " at intermdt. Bkts.				do. at heel			
Spacing of Frames from centre to centre				RUDDER, how constructed			
21	21	21	21	<i>Single plate 17/20 forged frame</i>			
REVERSED FRAME, Angles				Can the Rudder be unshipped afloat?			
2 1/2	2 1/2	5	2 1/2 2 1/2 5	<i>yes</i>			
DEEP FRAMING, depth of girder				KEELSONS AND STRINGERS.			
13	6	13	6	CENTRE LINE KEELSON, Vertical Plate above			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships				do. Through Plate, or Intercoastal Plate			
" in way of Engines and Boilers				do. Bulb Plate to Intercoastal Keelson			
" thickness at the ends of vessel				do. Horizontal Plates on Floors			
" depth at 1/2 the half breadth, as per Rule				do. Angles			
" height extended at the Bilges				SIDE KEELSON, Angles			
FLOORS & BRACKETS, in Cell Dble Bottoms				do. Bulb or Plate above floors for			
" state if flanged (top & bottom)				do. Intercoastal Plate for			
" Spacing				do. Attached to outside plating with Angle			
CENTRE GIRDER, in Double Bottom, depth and thickness				BILGE KEELSON, Angles			
" Angles, Top				do. Bulb or Plate above floors for			
" Bottom				do. Intercoastal Plate for			
SIDE GIRDERS, number on each side & thickness				do. Attached to outside plating with Angle			
" state if flanged (top & bottom)				BILGE STRINGER, Angles			
" Angles				do. Bulb Plate for			
MARGIN PLATE, depth (exclusive of flange) and thickness				do. Intercoastal Plate for			
" Angles to Outside Plating				do. Attached to outside plating with Angle			
" Floors				SIDE STRINGER, Angles			
" Height of Floors at the Bilges				do. Bulb or Intercoastal Plate for			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				do. Attached to outside plating with Angle			
" thickness in Engine and Boiler space				Main and Raised Quarter Deck Stringer			
" Remainder in Holds				Plate, breadth and thickness			
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				do. Angle on ditto			
" Angles on Upper Edge				do. Tie Plates, outside Hatchways			
" Spacing				do. Diagonal Tie Plates on Bms., No. of Pairs			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				do. Main Dk* Iron or Steel for			
" Angles on Upper Edge				do. R. O. Dk* Iron or Steel for			
" Spacing				do. Wood Deck, Material & thickness			
BEAMS, Hold, Plate or Tee Bulb				Lower Deck Stringer Plate, breadth and thickness			
" Angles on Upper Edge				do. Angles on ditto, No.			
" Spacing				do. Tie Plates, outside Hatchways			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb				do. Deck* Material and thickness			
" Angles on Upper Edge				Hold Stringer Plate			
" Spacing				do. Angles on ditto, No.			
BEAMS, Bridge or Pt. Awing. Deck, Angle, Bulb Angle, Plate, or Tee Bulb				Poop Deck Stringer Plate, breadth & thickness			
" Angles on Upper Edge				do. Angle on ditto			
" Spacing				do. Tie Plates			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb				do. Deck, Material and thickness			
" Angles on Upper Edge				Bridge or Pt. Awing Deck Stringer Plate, breadth and thickness			
" Spacing				do. Angle on ditto			
PILLARS, In 'tween Decks, Size and Spacing				do. Tie Plates			
" Hold				do. Deck, Material and thickness			
" Quarter, 'tween Dks., " "				Forecastle Deck Stringer Plate, brdth & thcknss			
" in Hold				do. Angle on ditto			
WEB FRAMES, In Fore Body, No. and Spacing				do. Tie Plates			
" Brdth. & Thickness				do. Deck, Material and thickness			
" No. of Side Stringers				* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.			
WEB FRAMES, In E. & B. Space, No. & Spacing				BULKHEADS.			
" Brdth. & Thickness				Number.			
WEB FRAMES, In After Body, No. and Spacing				Thickness.			
" Brdth. & Thickness				Horizontal.			
" No. of Side Stringers				Vertical.			
" Size of Angles or Tee Bars to Web Frames				Single or Double Frames.			
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness				Height up.			

PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.								
	AMIDSHIP.		FORWARD.		AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.		
	Breadth. Inches.	Thickness. 16ths or 20ths.	Thickness. 16ths or 20ths.	Thickness. 16ths or 20ths.		Breadth. Inches.	Thickness. 16ths or 20ths.			Inches.	Inches.		Spacing or to cr. Inches.	Inches.	Spacing or to cr. Inches.	Breadth. Inches.	Thick-ness. 16ths or 20ths.	Breadth. Inches.	For what Length. Feet.
FLAT PLATE KEEL	31	10	8	8		31	10	Double	5 1/4	3 1/2	3 1/2	Double full.	7 1/2	3 1/2	16 3/4	11	"	"	
(If Bar Keel, state Riveting)																			
GARBOARD OF A Strake ...	47	8	8	8		47	8	Double	4 1/2	3 3/4	3	Double full.	3 3/4	2 5/8	"	"	5	full	
B " " " "		6	5	5		6		Double	"	"	3	" " "	"	"	"	"	"	"	
C " " " "		7	6	6		7		Double	"	"	3	" " "	"	"	"	"	"		
D " " " "		6	5	5		6		Single	2 1/2	"	3	" " "	"	"	"	"	"		
E " " " "		7	6	6		7		Single	"	"	3	" " "	"	"	"	"	"		
F " " " "		6	5	5		6		Double	5 1/4	7 1/2	3 1/2	" " "	"	"	"	"	"		
Sheer G " " "	35	10	7	7		35	10					" " "	7 1/2	3 1/2	"	"	6		
H " " " "																			
I " " " "																			
J " " " "																			
K " " " "																			
L " " " "																			
M " " " "																			
N " " " "																			
O " " " "																			
P " " " "																			
DOUBLING of Flat Plate Keel																			
Length and thickness of Bilge																			
of Sheerstrakes.																			
of Strake below																			
POOP SIDES																			
RAISED QUARTER-DECK SIDES																			
BRIDGE SIDES																			
FORECASTLE SIDES																			
LENGTHS OF PLATING.....	Seven frame spaces																		

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c.? *Siemens process*
Lanarkshire Steel Co. (Glasg.)
Steel Company of Scotland (Glasg.)
Stewarts & Lloyd (Glasg.)
 Has the Steel been tested as required by the Rules *yes*

Main Stringer Plate *Butts, treble riveted for full length amidship.*
Straps, single, double or overlapped for full length amidship
 Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? *T & D.*
 Inner Bottom Plating, riveting of Edges *Butts*
 Centre Girder Butts, *riveted. Keelson Butts, Treble riveted.*
 Frames, riveted through Plates with *3/4* in. Rivets, about *5 1/4* apart.
 Rivets, state whether of Iron or Steel *Iron*

FRAMES extend in one length from *centre line* to *main deck* state if ordinary or joggled *ordinary*
 REVERSED FRAMES on floors and frames extend from *centre line to main deck* state if ordinary or joggled *ordinary*
double across floor in E & B space

MASTS, SPARS, &c.

LOWER MASTS...	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	RIVETING.		Butts.
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	
Fore <i>Steel Plate</i>	<i>55.0</i>	<i>15 X 1 1/2</i>	<i>13 X 1 1/2</i>	<i>12 X 1 1/2</i>	<i>9 X 1 1/2</i>	<i>4</i>	<i>Two</i>	<i>Single</i>	<i>Treble</i>	
Main										
Mizen										
Bowprit										
Topmasts, Yards and Remainder of Spars	<i>Pine</i>									
Rigging, Material and Size, Shrouds	<i>Galvanized steel wire</i>	<i>4 2 3 each side</i>								
Stays	<i>Galvanized steel wire</i>	<i>1 2 3 1/4, 1 2 2</i>								
Sails.	<i>one</i>	<i>Suit of</i>								

ANCHORS.										Tonnage U.D.K. or Plating No. for Trawlers									
Number of Certificate.	Anchors.	WEIGHT, EX STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.		If Patent Name of Patentee.	If Booklet Name of Patentee.	If Booklet Name of Patentee.	If Booklet Name of Patentee.	If Booklet Name of Patentee.
		Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.								
31849	1st Bower	9	1	21	11	9	0	7	9	0	0	<i>Fellows Cast Steel Head</i>	<i>Fellows Bros. Gt. 29/4/07 Perrins</i>						
31848	2nd "	9	1	0	11	6	3	14	9	0	0	<i>Fellows Cast Steel Head</i>	<i>Fellows Bros. Gt. 29/4/07 Perrins</i>						
	Collective weight	18	2	21					18	0	0								
31890	Stream	3	2	12	6	0	3	21	3	2	0	<i>Fellows Ordinal</i>	<i>Fellows Bros. Gt. 4/7/07 Perrins</i>						
	Keel																		
Certificate for cast steel anchor head produced																			

CHAIN CABLES.										HAWERS AND WARPS.									
Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.		Description.	Makers of Cables.	Where and when tested and Superintendent.		Material.	Length and size supplied.	Breaking Test of Steel Wire Towing.	Length and size per Table 22.		Length.	Cir.	Fathoms.	Ins.	Fathoms.	Ins.
			Statu- ing.	Break- ing.															
31566	180 3 1/4	20 1/2	30 1/2	103.3.17	103.3.27	180 1 1/2	<i>Fellows Bros. Gt. 22/8/07 Perrins</i>		<i>Steel</i>	60	2 1/2	12 1/2	60	2 1/2					
	180 3 1/4	20 1/2	30 1/2	103.3.17	103.3.27	180 1 1/2	<i>Fellows Bros. Gt. 22/8/07 Perrins</i>		<i>Steel</i>	90	5 1/2	12 1/2	90	5 1/2					
	180 3 1/4	20 1/2	30 1/2	103.3.17	103.3.27	180 1 1/2	<i>Fellows Bros. Gt. 22/8/07 Perrins</i>		<i>Steel</i>	90	5 1/2	12 1/2	90	5 1/2					
	180 3 1/4	20 1/2	30 1/2	103.3.17	103.3.27	180 1 1/2	<i>Fellows Bros. Gt. 22/8/07 Perrins</i>		<i>Steel</i>	90	5 1/2	12 1/2	90	5 1/2					
	180 3 1/4	20 1/2	30 1/2	103.3.17	103.3.27	180 1 1/2	<i>Fellows Bros. Gt. 22/8/07 Perrins</i>		<i>Steel</i>	90	5 1/2	12 1/2	90	5 1/2					
	180 3 1/4	20 1/2	30 1/2	103.3.17	103.3.27	180 1 1/2	<i>Fellows Bros. Gt. 22/8/07 Perrins</i>		<i>Steel</i>	90	5 1/2	12 1/2	90	5 1/2					
	180 3 1/4	20 1/2	30 1/2	103.3.17	103.3.27	180 1 1/2	<i>Fellows Bros. Gt. 22/8/07 Perrins</i>		<i>Steel</i>	90	5 1/2	12 1/2	90	5 1/2					
	180 3 1/4	20 1/2	30 1/2	103.3.17	103.3.27	180 1 1/2	<i>Fellows Bros. Gt. 22/8/07 Perrins</i>		<i>Steel</i>	90	5 1/2	12 1/2	90	5 1/2					
	180 3 1/4	20 1/2	30 1/2	103.3.17	103.3.27	180 1 1/2	<i>Fellows Bros. Gt. 22/8/07 Perrins</i>		<i>Steel</i>	90	5 1/2	12 1/2	90	5 1/2					

Boats *Two*
 Pumps, Number *Two to hold, one to forecabin*, Diameter of Barrel *4 1/2*, State whether they are in efficient working order *yes*
 Windlass is *Emerson Walker & Thomson* Capstan *—*
 Engine Room Skylights.—How constructed? *Steel on top of steel casing*
 What arrangements for deadlights in bad weather? *Steel flaps with bulls eyes*
 Coal Bunker Openings.—How constructed? *Cast iron*, How are lids secured? *hinged joint*, Height above deck? *flush*
 Number of Scuppers, and number and dimensions of Freeing Ports, &c. *five scuppers each side. Six freeing ports each side 2.6 X 1.5*
 Ceiling in Holds, thickness and material *2 1/2 inch pine*, Cargo Battens, thickness and material *2 inch*
 Cargo Hatchways.—How formed? *plates and angles*, Hatches.—If strong and efficient? *yes*
 State size No. 1 Hatch (Forward) *26.3 X 15.0*, No. 2 Hatch *31.3 X 15.0*, No. 3 Hatch *—*, No. 4 Hatch *—*
 Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *one 1 hatch + 2 webs and 3 fore and afters*
 On 2 hatch: *3 webs and 3 fore and afters*, No. of Breasthooks *four*, No. of Crutches *two 1 deep floor*
 Bulwarks, height above deck and description *3.6 steel plate 5/8*, Main Rail and Stays, material and size *1.5 X 2 1/2 X 1/2 inch plate*
 The above is a correct description.
 Builder's Signature *John Lullerton & Co*, Surveyor's Signature *George Shaw*, Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

23rd January 1907 (M.) 25th February 1907 (E.)

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed.*

Is the riveted work properly closed? *yes* Do the holes for riveting plate to frames, butt straps, or plate

Are the liners between the frames and plates solid single pieces? *yes* Are the rivet holes well and sufficiently countersunk in the plate and punched

to plate, &c., conform well to each other? *yes* Do any rivets break into or through the seams or butts of the plating? *a few*

from the faying surfaces? *yes* Are the butts of Plating, Stringers, &c., properly shifted and strapped? *yes*

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? *yes* State results of tests *satisfactory*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *yes* State results of tests *satisfactory*

General Remarks (State quality of workmanship, &c.) *workmanship good.*

This vessel has been built in accordance with the approved plans, The Secretary

letters of the above dates, and in general conformity to the Rules for the Class

contemplated.

3 Plans and 2 forging forms

The Surveyor should state the Number of Report and Name of any Sister Vessel. *—*

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *—* ft., R.Q.D. or Break *—* ft., Bridge Dk. *—* ft., P'castle *16* 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) *1 Dk. Stl.*

Official No. *—*; Signal Letters *—* State if Machinery is fitted aft *yes*

How are the surfaces preserved from oxidation? Inside *Paint and cement* Outside *Paint*

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

Where fitted. Length. Water Capacity. Tons. Fore peak tank, After peak tank, Deep tank, aft, Deep tank, forward, Other tanks, if fitted, (If necessary, furnish further information by sketch.)

Total capacity *32 tons* State whether the above have been tested as required by the Rules *yes*

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. *4224*

Date *22.2.07*

No. *197* in builder's yard

DATES of Surveys held while building

1907: Feb 19, 21, 22, 26, 27, Mar 6, 11, 13, 20, Apr 1, 11, 17, 22, 23, 30, May 9, 12, 21, 28

1906: Jun 6, 11, 14, 17, 18, 25, Jul 5, 8, 12, 28, Aug 1, 5, 7

Total No. of Visits *33*

Fees applied for, 19 AUG 1907

Received by me, 23/8/07

Special... £ 18 : 14 : : Received by me, 23/8/07

Traveling Expenses, if any £ : : : Received by me, 23/8/07

State whether the Vessel has been built under Special Survey *yes*

I am of opinion this Vessel should be Classed *+ A1*