With ~~or Without~~ Disconnected Erections.

(3)

STEEL STEAMER.

Received at London Office SAT. 27 MAY 1911

State if Report is also sent on the Machinery of the Vessel Mac. & Mbr. Rpts

Date of completion of report 26th May 1911. Port of Hull No. 23719

Survey held at Goole Date, First Survey Dec 23rd Last Survey May 12th 1911

On the Screw Steamer "ORAN." Rig ✓

TONNAGE under Tonnage Deck	366.13
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	
Do. of Poop	
Do. of R.Q.Dk.	
Do. of Bridge House	
Do. of Forecastle	20.48
Do. of Houses on Dk.	35.65
Do. of excess of Hatchways	9.29
Do. above Crown of Engine Room	40.97
Gross Tonnage	472.52
Less Crew Space	
Less above Crown of Engine Room	40.97
TONNAGE FOR FEES	431.55
Less Engine Room	207.76
Less Navigation Spaces	23.47
Less Crown of Engine Room	40.97
Register Tonnage	241.29
Less cut on Beam	

CLASS ✠ A1. "Twin Screw & Plate."

Breadth (greatest moulded)	27.88
Depth, at middle of length from top of keel to top of upper deck beams at side	10.00
Transverse Number	37.88
Length on deck from fore part of stem to after part of stern post	175.00
Longitudinal Number	6629
Depth "d," at middle of length (See Secs. 2 & 13)	8.96
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	14.50
" " Long Bridge Deck Beam at side to top of keel	✓

Master G. Murojo.

Year of appointment (1) As Master in service of owner of present vessel:—191 (2) As Master of this vessel 1911

Built at Goole

When built 1911. Launched 18th March

By whom built Goole Shipbuilding & Repairing Co. Ltd.

Owners Miguel Caminzano.

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, and 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 Upper Dk. Beams / Do. do. do. do. Second Dk. Beams	Feet.	Inches.	
	145	0		27	10½		9 ✓	11½	No. of Decks with flat laid One; No. of Tiers of Beams One

Dimensions of Ship per Register, Length 145.0 breadth 28.15 depth 9.8. Moulded depth, ft. ✓ ins. To Bridge Dk. Moulded depth, ft. 10 ins. 0 To Upper Dk. Round of Upper Dk. Beam, Actual 12 ins.

FRAMING.	Inches in Ship.	Inches in Ship	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.	Inches per Rule Approved.
FRAME, Angles, ~~or [or [Bars~~ amidships	3½	2½	7/20	3½	2½	7/20
Do. in peaks	3½	2½	·30	3½	2½	·30
Do. in way of Double Bottoms at Solid Floors		✓				
" " at intermdt. Bkts.		✓				
Spacing of Frames from centre to centre amidships		21½	✓		21½	
" " " " from ¾ length to Collision bulkhead		21½	✓		21½	
" " " " in peaks		21½	✓		21½	
REVERSED FRAME, Angles	2½	2½	·24	2½	2½	·24
Do. in way of Double Bottoms at Solid Floors		✓				
" " at intermdt. Bkts.		✓				
FRAMING, depth of girder		3½	✓		3½	
FLOORS, depth and thickness of Floor Plate at mid-line for ¾ length amidships	12½		·24	12½		·24
" in way of Engine and Boiler Spaces			·34			·34
" thickness at the ends of vessel						
" depth at ¾ the half breadth, as per Rule	Straight across plan					
" height extended at the Bilges						
FLOORS & BRACKETS in Cell Dble Bottoms		✓				
" " state if flanged (top & bottom)		✓				
" " Spacing		✓				
CENTRE GIRDER, in Dbl. bottom, dpth. & thicknss.		✓				
" " Angles, Top		✓				
" " " Bottom		✓				
" " " to Floors		✓				
SIDE GIRDERS, number on each side & thickness		✓				
" " state if flanged (top and bottom)		✓				
" " Angles (top and bottom)		✓				
" " " to Floors		✓				
MARGIN PLATE, depth (exclusive of flange) and thickness		✓				
" " Angles to Outside Plating		✓				
" " " Floors		✓				
" " Height of Brackets above at bilge		✓				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake		✓				
" " " in Engine and Boiler space		✓				
" " " Remainder in Holds		✓				
BEAMS, Upper Deck, Single Angle, ~~Bulb Angle, Plate, Tee Bulb, or Channel~~	4	2½	·30	4	2½	·30
" Angles on upper edge		✓				
" In way of Long Bridge		✓				
" Spacing		21½	✓		21½	
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
" Angles on upper edge		✓				
" Spacing		✓				
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
" Angles on upper edge		✓				
" Spacing		✓				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
" Angles on upper edge		✓				
" Spacing		✓				
BEAMS, Shade ~~Bridge~~ Deck, Angle, ~~Bulb Angle, Plate, Tee Bulb, or Channel~~	5	3	·34	5	3	·34
" Angles on upper edge		✓				
" Spacing		43	✓		43	
BEAMS, Forecastle Deck, Angle, ~~Bulb Angle, Plate, Tee Bulb, or Channel~~	5	3	·34	5	3	·34
" Angles on upper edge		✓				
" Spacing		43	✓		43	

PILLARS.	Inches. Size in Ship.	Inches, Spacing in Ship.	Inches per Rule. Or as	Inches per Rule. Approved.
PILLARS, In 'tween Deck, size and spacing	✓			
" " Hold " "	2½	As arranged		
" Quarter 'tween Dks., " "	✓			
" " in Hold " "	✓			

KEELSONS & STRINGERS.	Inches in Ship.	Inches in Ship	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved	Inches per Rule Approved.
CENTRE LINE KEELSON, ~~Vertical Plate above floors, Through Plate, or~~ Intercostal Plate	16½		·34	16½		·34
" Rider Plate		✓				
" Flat Plate Keel Angles		✓				
" Horizontal Plates on Floors ~~(Thro:)~~	10		·30	10		·30
" Angles ~~or Bulb Angles~~	3½	3	·34	3½	3	·34
SIDE KEELSONS, Number One						
" Angles ~~or Bulb Angles~~	3	3	·30	3	3	·30
" Plate above floors, for 96 ft amidships length		✓				
" Intercostal Plate, for amidships length			·24			·24
" Attached to outside Plating with Angle	2½	2½	·24	2½	2½	·24
BILGE KEELSON, Angles		✓				
" Intercostal Plate for length		✓				
" Attached to outside Plating with Angle		✓				
SIDE STRINGERS, Number		✓				
" " Angle		✓				
" Intercostal Plate, for length		✓				
" Attached to outside plating with Angle		✓				
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	44		·40	44		·40
" " " " br'dth & thickness (in way of Bridge)	✓					
" " " Angle (clear of Bridge)	3½ x 3½		·40	3½ x 3½		·40
" " Tie Plate at sides of Hatchways	✓					
" Deck.* ~~Iron or~~ Steel, for full lng.			·24			·24
" " Thickness (clear of Bridge)	✓					
" " " (in way of Bridge)	✓					
" Wood Deck. Material & thcknss	✓					
Second Deck Stringer Plate, br'dth & thickness	✓					
" Angles on ditto, No.	✓					
" Tie Plates outside Hatchways	✓					
" Deck.* Iron or Steel, for lng.	✓					
" Wood Deck. Material & thickness	✓					
Third Deck Stringer Plate, br'dth & thickness	✓					
" Angles on ditto, No.	✓					
" Tie Plates, outside Hatchways	✓					
" Deck.* Material and thickness	✓					
Fourth and Fifth Deck Stringer Plate, breadth & thickness	✓					
" " " Angles on ditto, No.	✓					
" " " Tie Plates outside Hatchways	✓					
" " Deck. Material & thickness	✓					
Poop Deck Stringer Plate, breadth & thickness	✓					
" Angle on ditto	✓					
" Tie Plates	✓					
" Deck. Material and thickness	✓					
Shade ~~Bridge~~ Deck Stringer Plate, br'dth & thickness	18		·24	18		·24
" Angle on ditto	5 x 3		·30	5 x 3		·30
" Tie Plates	6		·24	6		·24
" Deck. Material and thickness Teak	2		—	2		
Forecastle Deck Stringer Plate, b'dth & th'kns	20		·24	20		·24
" Angle on ditto	2½ x 2½		·24	2½ x 2½		·24
" Tie Plates Iron or Steel	30		·24	30		·24
" Deck. Material and thickness Teak	2		—	2		

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

Form No. 1A.—1m.1.10.T.

W1554-0053 1/2

WEB FRAMES.

	Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.
WEB-FRAMES, In Fore Body, No. and spacing	✓			
,, ,, ,, brdth. & thickness	✓			
,, No. of Side Stringers ,, ,,	✓			
WEB-FRAMES, In E. & B. Space, No. & spacing	✓			
,, ,, brdth. & thickness	✓			
WEB-FRAMES, In After Body, No. and spacing	✓			
,, ,, ,, brdth. & thickness	✓			
,, No. of Side Stringers ,, ,,	✓			
,, Size of Face Angles to **Web-Frames**	✓			
BRACKET PLATES to Stringers between Web Frames, depth and thickness	✓			

FORGINGS or CASTINGS.

	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar, depth and thickness	Flat plate Keel	
STEM, moulding and thickness	6 × 1 3/4	6 × 1 3/8
STERN-POST for Rudder do. do.	7	
,, for Propeller	6 × 3 1/4	6 × 3 1/4
RUDDER—A×D* Table 22. Speed under 10 Knots		
,, **Main-Piece,** diameter at head	4 1/4	4 1/4
,, ,, ,, at heel	3 1/4	3 1/4

BULKHEADS.

	Number. Vessel.	Number. Per Rule.	Thickness. Inches.	Stiffeners. Horizontal. Size. Inches.	Horizontal. Spacing Inches.	Vertical. Size. Inches.	Vertical. Spacing Inches.	Single or Double Frames.	Height up.
W.T.BULKHEADS	3	3	·24	✓	3 × 2 1/2 × 3	30	Angle	Dk	
COLLISION ,,					3 × 2 1/2 × 3	24	Angle	Dk	
PARTITION ,,	✓								
LONGITUDINAL ,,	✓								

RUDDER, how constructed Forged steel frame.

,, Thickness of ~~Plates or~~ Single Plate ·80

Can the Rudder be unshipped afloat? Yes.

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, Plating, &c.? Mild Steel. South Durham. Palmers. Consett.

Are the outside Plates doubled two spaces of Frames in length? No. (Bracket plates fitted.)

Are the Sluice Valves and Watertight Doors in efficient working order? None

Has the Steel been tested as required by the Rules? Yes.

PLATING.

STRAKES.	As in Ship. Amidship. Breadth. Inches.	Amidship. Thickness. Inches.	Forward. Thickness. Inches.	Aft. Thickness. Inches.	Per Rule or as Approved. Amidship. Breadth. Inches.	Amidship. Thickness. Inches.
Flat Plate Keel (If Bar Keel, state Riveting.)	31	·50	·40	·40	31	·50
Garboard or A Strake	40	·34	·30	·30	40	·34
B ,,		·34	·30	·30		·34
C ,,		·34	·30	·30		·34
D ,,		·34	·30	·30		·34
E ,,		·38	·34	·34		·38
Sheer F ,,	33	·54	·30	·30	33	·54
G ,,						
H ,,						
J ,,						
K ,,						
L ,,						
M ,,						
N ,,						
O ,,						
P ,,						
Q ,,						
R ,,						
S ,,						
T ,,						
U ,,						
V ,,						
W ,,						
Th'kness of Sh'erstrke clear of Long Bridge	✓					
Do. of Strake below	✓					
Dblg. of Flat Plate Keel	✓					
,, Sheerstrakes (Length and thickness.)	✓					
Poop Sides	✓					
Short Bridge Sides	✓					
Forecastle Sides			·24			

*Write "Bridge Sheer Strake" and "Upper Deck Sheerstrake" opposite the corresponding letter.

*Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

RIVETING.

Lower Edges, Ordinary or joggled? Joggled

Strake	Edges. Single or Double.	Breadth of Lap. Inches.	Rivets. Diam. Inches.	Rivets. Spacing cr. to cr. Inches.	Butts. Double or Treble and for what Length.	Rivets. Diam. Inches.	Rivets. Spacing cr. to cr. Inches.	Straps. Breadth. Inches.	Straps. Thickness. Inches.	If Lapped. Breadth. Inches.	If Lapped. For what Length. Feet.
Flat Plate Keel					T full L	7/8	3 1/4			9	Full
Garboard	Double	4 1/2	3/4	3·07	D full L	3/4	2 5/8			5	Full
B	,,	,,	,,	,,	,, ,,	,,	,,			,,	,,
C	Single	2 1/2	,,	,,	,, ,,	,,	,,			,,	,,
D	Double	4 1/2	,,	,,	,, ,,	,,	,,			,,	,,
E	Single	2 1/2	,,	,,	,, ,,	,,	,,			,,	,,
F	Double	4 1/2	,,	,,	T 1/2 L	7/8	3 1/4			9	,,

Upper Deck Stringer Plate — **Butts,** D'ble riveted for full length ~~amidship.~~ **Straps,** ~~single, double or~~ overlapped for full length ~~amidship.~~

Second Deck Stringer Plate — **Butts,** ✓ riveted for ..... length amidship. **Straps,** single or overlapped for ✓ ..... length amidship.

Butts of Side Stringers ✓ ..... riveted.

,, **Tie Plates** Double ..... riveted.

Inner Bottom Plating, riveting of **Edges** ✓ **Butts** ✓

Centre Girder Butts, ✓ riveted **Keelson Butts,** Double riveted.

Frames, riveted through Plates with 3/4 in. Rivets, about 5 apart.

Rivets, state whether Iron or Steel Iron

FRAMES extend in one length from Keel to deck State if ordinary or joggled Ordinary.

REVERSED FRAMES on floors and frames extend ~~from~~ across top of floors State if ordinary or joggled Ordinary.

MASTS, SPARS, &c.

	Material.	Total Length.	Diameter and Thickness. At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	Angles. Number.	Angles. Size.	Riveting. Seams.	Riveting. Butts.
Lower Masts. Fore	Steel	64-0	14 1/2								
Main											
Mizen											

Bowsprit ✓

Topmasts, ~~Yards~~ and Remainder of **Spars** Pitch pine.

Rigging, Material and Size, **Shrouds** Galv'd wire 2 3/4" **Stays** Galv'd wire 2 3/4"

Sails. One Suit of ..... Sails, and the following spare sails ✓

Form No. 1a

SAT. 27 MAY 1911.

EQUIPMENT ~~No. As Approved~~. LETTER ✓ . ANCHORS. TONNAGE U. DK. OR PLATING No. FOR TRAWLERS ✓ .

Number of Certificate.	Anchors.	Weight, Ex. Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	cwts.	qrs.	lbs.	Weight required by Rules. Cwts.	qrs.	lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
9533	1st Bower	10	1	0	Stockless			12	4	1	14	10	1	0	Quick Stop	Not stated	L.P.H.C.H. 6-3-11. Paul
9534	2nd ,,	9	3	0				11	15	2	14	9	3	0	,, ,,	,, ,,	,, 4-3-11. ,,
8618	3rd ,,	7	1	14	1	3	20	9	11	2	7	7	0	0	Ordinary	B. Hingley & Sons	,, 27-3-11 ,,
	4th ,,																
	Collective weight	27	1	14								27	0	0			
8619	Stream	3	2	4	—	3	20	5	15	3	0	3	2	0	Ordinary	B. Hingley & Sons	,, ,, 27-3-11. Paul
8620	Kedge	1	2	12	—	1	20	4	1	2	7	1	2	0	,,	,, ,,	,, 27-3-11 ,,

If Patent state Name of Patentee. If Stockless, state Mechanical Tests.

CHAIN CABLES.

Number of Certificate.	Length and size supplied. Length. Fathoms.	Diam. Ins.	Test per Certificate. Statutory. Tons.	Breaking. Tons.	Weight of Chain Cable. Supplied. Cwts. qrs. lbs.	Per Rule. Cwts. qrs. lbs.	Length and Size per Table 31. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
9053	105 1/3	1 5/8	22 3/4	34 1/4	68-0-11	135-3-22	210	1 1/8	Blind	B. Hingley	L.P.H.C.H. 27-3-11. Paul
9054	105	1 1/8	,,	,,	68-2-20				Stud	& Sons	,, ,, 27-3-11 ,,
	210 1/3				136-3-3						
~~Iron~~ Stream ~~Chain~~ Steel Wire	60	Cir. 23 1/4		15 1/2			60	Cir. 23 1/4			

HAWSERS AND WARPS.

Material.	Length and size supplied. Length. Fathoms.	Diam. Ins.	Breaking Test of Steel Wire Towline. Tons.	Length and Size per Table 31. Length. Fathoms.	Cir. Ins.
Towline Steel	75	2 1/2	12 1/2	75	2 1/2
Hawsers & Warps	90	5 1/2		90	5 1/2
,, ,,					
,, ,,					

Boats Two boats **Steering Gear, Steam** Donkin & Co **Steering Gear, Hand** Donkin & Co

Pumps, Number Two Diameter of Barrel 4 1/2 State whether they are in efficient working order

Windlass is by Emerson Walker & Thompson Bros **Capstan** ✓

Engine Room Skylights.—How constructed? Of Teak What arrangements for deadlights in bad weather? Iron code to protect glass

Coal Bunker Openings.—How constructed? Plates and angles and cast iron rings How are lids secured? Battened down and secured Height above deck? 24" and flush.

Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** On each side, 6 Scuppers. 4 Freeing ports 32" × 14"

Ceiling in Holds, thickness and material 2" pine **Cargo Battens,** thickness and material 1 1/2" pine.

Cargo Hatchways.—How formed? Plates and angles **Hatches,** If strong and efficient? Yes 2 1/2

State size **No. 1 Hatch** (Forward) 32'-3" × 12'-0" **No. 2 Hatch** 14'-0" × 14'-6" **No. 3 Hatch** ✓ **No. 4 Hatch** ✓

Number of **Web Plates, Shifting Beams** and **Fore** and **Afters** to each Hatch No. 1 Hatch. Two web plates and three fore and afters. No. 2 Hatch no web plates, three fore and afters.

Bulwarks, height above deck and description 2'-6" × 24" Main Rail, material and size Teak Section

The foregoing is a correct description. Joseph Hepburn & Sons Co Ld *Surveyor's Signature* Allison B. Wilson.

Builder's Signature (here only) M. Head *Surveyor to Lloyd's Register of British and Foreign Shipping.*

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made in any correspondence connected with the case*) 30-9-10. 15-10-10. 9-5-11. 12-5-11. (m.) To Builders 4-10-10. 11-10-10. (m.) 10-1-11. (2)

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? A few.

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. 26, par. 20)? Yes State results of tests Satisfactory.

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? 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's letters of the above dates and in general conformity to the Rules for the class contemplated.

Accompanying this Report:- Plans of Midship Section, Profile and Decks, Pumping Arrangements, and Reports on Ships Fittings (2)

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

The amount of Entry Fee ..... £ 2 : 0 : 0 Fees applied for, 23-5 1911

Special Survey Fee ..... £ 21 : 12 : 0 Received by me, 16/6 1911

Travelling Expenses, if any £ 1 : 1 : 2

Certificate to be sent to Hull *Date of issue* 16/6/11.

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed ✠ A1. "Rivers Parana & Plate."

With, or without Freeboard, as condition of Class Without.

Allison B. Wilson. *Surveyor to Lloyd's Register of British and Foreign Shipping.*

Committee's Minute THE 30 MAY 1911

Character assigned A1 Rivers Parana & Plate

Lloyd's ASOP + Lmc 4 11

The Surveyors are requested not to write on or below the Committee's Minute.

0053 2/2

GENERAL REMARKS—(*continued*).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 21.0 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 as it should appear in the Register Book*) 1 Dk.

Official No. ✓ ; Signal Letters ✓ . State if Machinery is fitted aft Yes.

How are the surfaces preserved from oxidation? Inside Portland Cement and Paint 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. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓		
Double bottom, under Engines and Boilers,	✓		
Double bottom, if under Engines only,	✓		
Double bottom, if under Boilers only,	✓		
Double bottom, forward,	✓		
		Total capacity of double bottom	✓

Where Fitted.		*Length. Feet.	Water Capacity. Tons.
Fore peak tank,			50
After peak tank,	✓		15½
Deep tank, aft,	✓		
Deep tank, forward,	✓		
Other tanks, if fitted,	✓		
(If necessary, furnish further information by sketch.)	✓		

* 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. 1871

Date 24/3/11

No. 135 in builder's yard.

Dates of Surveys held while building: 1910:- Dec. 23. 28. 1911:- Jan 2. 9. 13. 17. 19. 24. 27. 31. Feb 2. 7. 15. 22 Mar 2. 10. Mar 15. 16. 20. 22, 27. 29. 30. Apr 3. 5. May 2. 3. 5. 9. 12.

Total No. of Visits 30

Surveyor's Signature Allison B. Wilson.