

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office

SAL 17 JUN 1911

State if Report is also sent on the Machinery of the Vessel

yes

Date of completion of report 16th June 1911

Survey held at Buenos

Port of Hull Date, First Survey Jan 13th

Last Survey

No. 23829

1911

On the Steam Steamer "LARREA"

Rig a 2 masted

TONNAGE under 125.89

Tonnage Deck...

Do between Tonnage Dk. and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

CLASS 100A1. For towing purposes.

Breadth (greatest moulded) 22.00

Depth, at middle of length from top of keel to top of upper deck beams at side 12.25

Transverse Number 34.25

Length on deck from fore part of stem to after part of stern post 80.00

Longitudinal Number 2440

Depth "d," at middle of length (See Secs. 2 & 13) 11.70

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 6.53

" " Long Bridge Deck Beam at side to top of keel

Master

Year of appointment

(1) As Master in service of owner of present vessel: 1911
(2) As Master of this vessel: 1911

Built at Buenos

When built 1911

Launched 13th April

By whom built Buenos Shipbuilding & Repairing Co. Ltd.

Owners Argentine Navigation Co. Ltd.

Managers Nicolas Mikhanovich

(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, and in Dry Dock Yes

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid On
80	0	Moulded	22	0	Top of Floors to top of Upper Dk. Beams	11	8	One
					Do. do. do. do. Second Dk. Beams			No. of Tiers of Beams One

of Ship per Register, Length 80.0 breadth 22.0 depth 11.7 Moulded depth, ft. 12 ins. 3 To Bridge Dk. Round of Upper Dk. Beam, Actual 8 ins.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.	PILLARS.	Inches in Ship.	Inches Spacing in Ship.	Inches per Rule Or as	Inches per Rule Approved.
Angles, or E or F Bars amidships	4	3	38	4	3	38	PILLARS, In 'tween Deck, size and spacing			
Peaks	4	2 1/2	32	4	2 1/2	32	" " Hold	2 1/2	As arranged	
Way of Double Bottoms at Solid Floors							" " Quarter 'tween Dks.,			
" " at intermdt. Bkts.							" " in Hold			
Frames from centre to centre amidships	21				21		KEELSONS & STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.
" " " from 1/2 length to Collision bulkhead							CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
" " " in peaks	2 1/2	2 1/2	28	2 1/2	2 1/2	28	" " Rider Plate			
ED FRAME, Angles							" " Flat Plate Keel Angles			
Way of Double Bottoms at Solid Floors							" " Horizontal Plates on Floors			
" " at intermdt. Bkts.							" " Angles or Bulb Angles	8	3 1/2	46
Depth of girder	4				4		SIDE KEELSONS, Number			
Depth and thickness of Floor Plate at mid-line for 1/2 length amidships	15		30	15	30		" " Angles or Bulb Angles			
Way of Engine and Boiler Spaces	E 32	B 38		32	38		" " Plate above floors, for length			
Thickness at the ends of vessel			28		28		" " Intercoastal Plate, for length			
Thickness at 1/2 the half breadth, as per Rule	Straight across						" " Attached to outside Plating with Angle			
Thickness extended at the Bilges	See plan.						BILGE KEELSON, Angles (Ann.)	5	4	40
ANGLES & BRACKETS in Cell Dble Bottoms							" " Intercoastal Plate for length			
" " state if flanged (top & bottom)							" " Attached to outside Plating with Angle			
" " Spacing							SIDE STRINGERS, Number	8		
GIRDER, in Dbl. bottom, dpth. & thickness							" " Angle	5	4	40
" " Angles, Top							" " Intercoastal Plate, for length			
" " " Bottom							" " Attached to outside plating with Angle			
" " " to Floors							Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	5 1/2	5 1/2	5 1/2
RDERS, number on each side & thickness							" " " " br'dth & thickness (in way of Bridge)			
" " state if flanged (top and bottom)							" " " " Angle (clear of Bridge)	3 x 3	30	3 x 3
" " Angles (top and bottom)							" " Tie Plate at sides of Hatchways			
" " " to Floors							" " Deck * Iron or Steel, for length		5 1/2	5 1/2
PLATE, depth (exclusive of flange) and thickness							" " Thickness (clear of Bridge)			
" " Angles to Outside Plating							" " " " (in way of Bridge)			
" " " Floors							" " Wood Deck. Material & thickness	See plan.		
" " Height of Brackets above at bilge							Second Deck Stringer Plate, br'dth & thickness			
BOTTOM PLATING, breadth and thickness of Middle Line Strake							" " Angles on ditto, No.			
" " in Engine and Boiler space							" " Tie Plates outside Hatchways			
" " Remainder in Holds							" " Deck * Iron or Steel, for length			
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4	3	30	4	3	30	" " Wood Deck. Material & thickness			
Angles on upper edge							Third Deck Stringer Plate, br'dth & thickness			
In way of Long Bridge							" " Angles on ditto, No.			
Spacing	21				21		" " Tie Plates, outside Hatchways			
Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" " Deck * Material and thickness			
Angles on upper edge							Fourth and Fifth Deck Stringer Plate, breadth & thickness			
Spacing							" " Angles on ditto, No.			
Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" " Tie Plates outside Hatchways			
Angles on upper edge							" " Deck. Material & thickness			
Spacing							Poop Deck Stringer Plate, breadth & thickness			
Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" " Angle on ditto			
Angles on upper edge							" " Tie Plates			
Spacing							" " Deck. Material and thickness			
Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							Bridge Deck Stringer Plate, br'dth & thickness			
Angles on upper edge							" " Angle on ditto			
Spacing							" " Tie Plates			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" " Deck. Material and thickness			
" " Angles on upper edge							Forecastle Deck Stringer Plate, br'dth & thickness			
" " Spacing							" " Angle on ditto			
" " " " " "							" " Tie Plates			
" " " " " "							" " Deck. Material and thickness			

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

Form No. 1A

WEB FRAMES. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches per Rule. Inches per Rule. Inches per Rule. Inches per Rule.

WEB-FRAMES, In Fore Body, No. and spacing. brdth. & thickness. No. of Side Stringers. WEB-FRAMES, In E. & B. Space, No. and 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.

BULKHEADS. Number. Thickness. STIFFENERS. Single or Double Frames. Height up. Vessel. Per Rule. Inches. Horizontal. Vertical. Size. Spacing. Size. Spacing. W.T. BULKHEADS. 3. 3. 26. 4. 3. 3. 30. Single. 80. COLLISION PARTITION. 5. 5. 5. 5. 5. 5. 5. 5. LONGITUDINAL. 5. 5. 5. 5. 5. 5. 5. 5.

Are the outside Plates doubled two spaces of Frames in length? *Yes*. Are the Sluice Valves and Watertight Doors in efficient working order? *None*.

PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. Ordinary or Joggled? *Ordinary*. BUTTS. Double or Treble and for what Length. RIVETS. STRAPS. IF LAPPED. For what Length.

FLAT PLATE KEEL. (1) Bar Keel, state riveting. (2) Bar Keel, state riveting. GARBOARD OF A Strake. B. C. D. E. F. G. H. J. K. L. M. N. O. P. Q. R. S. T. U. V. W.

THICKNESS OF SHEET PILE. CLEAR OF LONG BRIDGE. Do. OF STRAKE BELOW. DBLG. of Flat Plate Keel. Sheerstrakes. Length and thickness. POOP SIDES. SHORT BRIDGE SIDES. FORECASTLE SIDES.

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

Upper Deck (Butts, *Double* riveted for *full* length amidship. Straps, single, *double or overlapped* for *full* length amidship. Second Deck (Butts, *Double* riveted for *full* length amidship. Straps, single or overlapped for *full* length amidship.

Butts of Side Stringers *Double* riveted. Tie Plates *Double* riveted. Inner Bottom Plating, riveting of Edges. Butts. Centre Girder Butts, *Double* riveted. Keelson Butts, *Double* riveted. Frames, riveted through Plates with *2 1/2* 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 floor* (single angle frame). State if ordinary or joggled *Ordinary*.

MASTS, SPARS, &c. DIAMETER AND THICKNESS. No. of Plates in round. ANGLES. RIVETING. LOWER MASTS. Fore. Main. Mizzen. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Stays. Sails. Suit of. Sails, and the following spare sails.

Form No. 1B

EQUIPMENT No. LETTER. ANCHORS. TONNAGE U. DE. OR PLATING No. FOR TRAWLERS 2740.

Number of Certificate. Anchors. WEIGHT, EX. STOCK. WEIGHT OF STOCK. TEST, PER CERTIFICATE. WEIGHT REQUIRED BY TABLE 31. Description of Anchor. Makers. Where and when tested and Superintendent.

9026 1st Bower. 4 0 0 1 0 4 6 7 2 0 4 0 0. Ordinary. 9027 2nd. 4 0 0 1 0 2 6 7 2 0 4 0 0. 9030 3rd. 2 1 2 2 12 4 15 0 0 2 1 0. 4th. Collective weight. Stream. Kedge.

CHAIN CABLES. Number of Certificate. Length and size supplied. Test, per Certificate. WEIGHT OF CHAIN CABLE. Length and size per Table 31. Description. Makers of Cables. Where and when tested, and Superintendent. Material. Length and size supplied. Breaking Test of Steel Wire. Length and size per Table 31.

47744 60 3 13 3 20 3 24 0 26 23 1 17 60 3 2. Mild. 30 2. 30 2.

Boats. Steering Gear, Steam by *Donkin & Co.* Steering Gear, Hand by *Donkin & Co.* Pumps, Number. *Three*. Diameter of Barrel. *4 1/2*. State whether they are in efficient working order. Windlass is by *Emerson, Walker & Thompson*. Capstan. Engine Room Skylights. How constructed? *Plate and angles*. What arrangements for deadlights in bad weather? *Steel plate & bullseyes*. Coal Bunker Openings. How constructed? *Cast iron rings*. How are lids secured? *Secured*. Height above deck? *2 1/2* feet. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. On each side. *4 Scuppers. 2 freeing Ports 24" x 9"*. Ceiling in Holds, thickness and material. *None*. Cargo Hatchways. How formed? *None*. Cargo Battsens, thickness and material. Hatches, If strong and efficient? *Yes*. State size No. 1 Hatch (Forward). No. 2 Hatch. No. 3 Hatch. No. 4 Hatch. Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch.

Bulwarks, height above deck and description. *6" x 5 1/2"*. No. of Breasthooks. *Three*. No. of Crutches and dup. floors. Main Rail, material and size. *Steel 6" T-joint section*. The foregoing is a correct description. Builder's Signature (here only). *Albion B. Wilson*. Surveyor's Signature. *Albion B. Wilson*. 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). 5-1-11. 12-1-11. 26-5-11. (5) 14-5-11. 9-2-11. 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 date and in general conformity to the Rules for the class contemplated.

Accompanying this Report. Plans of Midship Section. Profiles and Deck. Pumping arrangements. Rudder. and Reports on ships forgings (2).

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

The amount of Entry Fee. £ 1 : 0 : 0. Fees applied for. 16-6-1911. Special Survey Fee. £ 7 : 0 : 0. Received by me. 20-6-1911. Travelling Expenses, if any. £ - : 15 : 6. Certificate to be sent to *Hall*. Date of issue *6/7/11*. State whether the Vessel has been built under Special Survey. *Yes*. I am of opinion this Vessel should be Classed *100A1* for towing purposes. With, or without Freeboard, as condition of Class *Without*. *Albion B. Wilson*. Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute. Character assigned. *100A1 for towing purposes*. *Stocks as 6.0*. *+ 2mb. 6.11*. *Miss H. W.*

