

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office 5 JUL 1911

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

Yes

Date of completion of report 3rd July 1911.
Survey held at Escoe

Port of Hull
Date, First Survey Jan 13th

No. 23902
Last Survey June 28th 1911
Rig A signal pole

On the Steam Steamer "MORENO." "LAMPORT."

TONNAGE under
Tonnage Deck... 125.89
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
Do. of Houses on Dk. 73
Do. of excess of Hatchways
Do. above Crown of Room... 5.06
Tonnage 131.65
Do. Space
Do. Crown of Room...
FOR FEES...
Do. Room... 126.49
Do. Navigation Spaces
Do. Tonnage on Beam... 4.89

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... 2740
Depth "d," at middle of length (See Secs. 2 & 13)... 11.00
Proportions—Depth 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:—191 (2) As Master of this vessel:—191
Built at Escoe
When built 1911 Launched 29th April
By whom built Escoe Shipbuilding & Repairing Co. Ltd.
Owners Argentine Navigation Co. Ltd.
Managers Nicolas Mihanovich.
(Where necessary to be entered in Reg. Book.)
Residence Buenos Ayres.
Port belonging to Buenos Ayres.
and
Destined Voyage Buenos Ayres If Surveyed while Building, Afloat, or in Dry Dock Yes.

Moulded depth, ft. 12 ins. 3 To Bridge Dk. Round of Upper 8 ins.
To Upper Dk. Dk. Beam, Actual)

FRAMING.						PILLARS.					
ME, 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 in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
in peaks	4	3	38	4	3	" " Hold	2 1/2	As required.			
in way of Double Bottoms at Solid Floors...	4	2 1/2	32	4	2 1/2	" " Quarter 'tween Dks.,					
" " at intermdt. Bkts.						" " in Hold					
ing of Frames from centre to centre amidships						KEELSONS & STRINGERS.					
" " length to Collision bulkhead		21			21	CENTRE LINE KEELSON, Vertical Plate above					
" " in peaks.	2 1/2	2 1/2	28	2 1/2	28	floors, Through Plate, or Intercostal Plate					
TERSED FRAME, Angles...						" Rider Plate					
o. in way of Double Bottoms at Solid Floors...						" Flat Plate Keel Angles					
" " at intermdt. Bkts.						" Horizontal Plates on Floors	8	3 1/2	46	8	3 1/2
AMING, depth of girder	15		30	15	30	" Angles or Bulb Angles					
DOORS, depth and thickness of Floor Plate						SIDE KEELSONS, Number					
at mid-line for 1/2 length amidships...		532	38		32	" Angles or Bulb Angles					
in way of Engine and Boiler Spaces						" Plate above floors, for length...					
thickness at the ends of vessel						" Intercostal Plate, for length					
depth at 1/2 the half breadth, as per Rule						" Attached to outside Plating with Angle...					
height extended at the Bilges						BILGE KEELSON, Angles (in Dm.)	5	4	40	5	4
DOORS & BRACKETS in Cell Dble Bottoms						" Intercostal Plate for length					
" " state if flanged (top & bottom)						" Attached to outside Plating with Angle...					
" " Spacing						SIDE STRINGERS, Number					
NTRE GIRDER, in Dbl. bottom, dpth. & thicknss.						" " Angle	5	4	40	5	4
" " Angles, Top						" Intercostal Plate, for length					
" " Bottom						" Attached to outside plating with Angle...					
" " to Floors						Upper Deck Stringer Plate, br'dth & thickness	55	5/16	55	5/16	
DE GIRDERS, number on each side & thickness						(clear of Bridge)					
" " state if flanged (top and bottom)						" " " " (br'dth & thickness)					
" " Angles (top and bottom)						" " " " (in way of Bridge)	3 x 3	30	3 x 3	30	
" " to Floors						" " " " Angle (clear of Bridge)					
MARGIN PLATE, depth (exclusive of flange)						" " Tie Plate at sides of Hatchways					
and thickness						" Deck * Iron or Steel, for full lng.					
Angles to Outside Plating						" Thickness (clear of Bridge)					
" " Floors						" " (in way of Bridge)					
" " Height of Brackets above at bilge						" Wood Deck. Material & thcknss	2"	On plan.			
NER BOTTOM PLATING, breadth and						Second Deck Stringer Plate, br'dth & thickness					
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 lng.					
BEAMS, Upper Deck, Single Angle, Bulb	4	3	30	4	30	" Wood Deck. Material & thickness					
Angle, Plate, Tee Bulb, or Channel						Third Deck Stringer Plate, br'dth & thickness					
" Angles on upper edge						" Angles on ditto, No.					
" In way of Long Bridge						" Tie Plates, outside Hatchways					
" Spacing		21			21	" Deck * Material and thickness					
BEAMS, Second Deck, Single Angle, Bulb						Fourth and Fifth Deck Stringer Plate, breadth & thickness					
Angle, Plate, Tee Bulb, or Channel						" " Angles on ditto, No.					
" Angles on upper edge						" " Tie Plates outside Hatchways					
" Spacing						" " Deck. Material & thickness					
BEAMS, Third and Fourth Deck, Single Angle,						Poop Deck Stringer Plate, breadth & thickness					
Bulb Angle, Plate, Tee Bulb, or Channel						" Angle on ditto					
" Angles on upper edge						" Tie Plates					
" Spacing						" Deck. Material and thickness					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate,						Bridge Deck Stringer Plate, br'dth & thickness					
Tee Bulb, or Channel						" Angle on ditto					
" Angles on upper edge						" Tie Plates					
" Spacing						" Deck. Material and thickness					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate,						Forecastle Deck Stringer Plate, br'dth & th'kns					
Tee Bulb, or Channel						" Angle on ditto					
" Angles on upper edge						" Tie Plates					
" Spacing						" Deck. Material and thickness					

EQUIPMENT NO.				LETTER				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS			
Number of Certificate.	Anchors.	WEIGHT, K.S. STOCK	WEIGHT OF STOCK	TEST, PER CERTIFICATE	WEIGHT REQUIRED BY TABLE S.I.	Description of Anchor.	Makers.	Where and when tested and Superintendent.							
		Cwts. qrs. lbs.	Cwts. qrs. lbs.	Tons. cws. qrs. lbs.	Cwts. qrs. lbs.										
9025	1st Bower ...	4	0	2	1	0	16	6							
9029	2nd " ...	4	0	0	1	0	16	6							
9031	3rd " ...	2	1	0	-	2	12	4							
	4th " ...														
	Collective weight														
	Stream														
	Kedge.....														

CHAIN CABLES.										HAWSEERS AND WARPS.									
Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE Supplied.	Length and Size per Table S.I.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.	Breaking Test of Steel Wire Twoline.	Length and Size per Table S.I.								
	Fathoms. Ins.	Tons. Tons.	Cwts. qrs. lbs. Cwts. qrs. lbs.	Fathoms. Ins.					Fathoms. Ins.	Tons. Tons.	Fathoms. Ins.								
47755	603 3/4	13 3/4	20 5/8	24-0-6 23-1-17	60 3/4	Steel Not stated	L.P.M.N., 4-5-11 H.C. Iron. Dup.	TOWLINE & WARPES	40 5 1/2		40 5 1/2								
	From Stream) 30 Cir. 2		7		as approved 30-2			" "	90 3		90 3								
	Classified as Steel Wire)							" "	3-9		3-9								

Boats On Steering Gear, Steam by Donkin & Co. Steering Gear, Hand by Donkin & Co.
Pumps, Number 3 Diameter of Barrel 4 1/2 State whether they are in efficient working order Yes
Windlass is by Emerson Walker & Thompson Bros **Capstan** ✓
Engine Room Skylights.—How constructed? Plates and angles What arrangements for deadlights in bad weather? Steel flaps & bullauges.
Coal Bunker Openings.—How constructed? Cast iron rings How are lids secured? Gunned Height above deck? Flush
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 Battens,** thickness and material ✓
Cargo Hatchways.—How formed? None **Hatches,** If strong and efficient? ✓
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 ✓
No. of Breasthooks 3 None **No. of Crutches** One duff floor
Bulwarks, height above deck and description 2'-6" x 5'20 Main Rail, material and size Steel 6" Jyacks Section ✓
The foregoing is a correct description of the vessel. Surveyor's Signature Allison B. Wilson
Builder's Signature (Here only) [Signature] 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) (M.) 14-11-10.
5-1-11, 12-1-11, 26-5-11. (Z.) 14-3-11, 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 letters of the above dates, and in general conformity to the Rules for the class contemplated.

Accompanying this Report;—Copies of the approved plans of Midship Section Profile and Deck, Pumping Arrangements, and Reports on Ships Fittings. (2.)

This is a Sister Vessel to the "Tarra". Hull Report No 23829.

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, 4-7-1911	Certificates to be sent to Hull Date of issue 7/5/11
Special Survey Fee . . . £ 7 : 0 : 0	Received by me, [Signature]	
Travelling Expenses, if any £ 1 : 1 : 10	6-7-1911	

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.

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

Committee's Minute Character assigned 100A1 for towing purposes + L.M.B. 6.11
By [Signature] Lloyd's & B.O.

GENERAL REMARKS—(continued).

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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 as it should appear in the Register Book) 1 Pl. (all pt. w.s.)

Official No. ☒ ; Signal Letters ☒ State if Machinery is fitted aft No
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.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<input checked="" type="checkbox"/>		Fore peak tank,		
Double bottom, under Engines and Boilers,	<input checked="" type="checkbox"/>		After peak tank,		5-0
Double bottom, if under Engines only,	<input checked="" type="checkbox"/>		Deep tank, aft,	<input checked="" type="checkbox"/>	1.5
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>		Deep tank, forward,	<input checked="" type="checkbox"/>	
Double bottom, forward,	<input checked="" type="checkbox"/>		Other tanks, if fitted,	<input checked="" type="checkbox"/>	
		Total capacity of double bottom <input checked="" type="checkbox"/>	(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. *Ayes*

Order for Special Survey No. 1854
Date 16.11.10
No. 140 in builder's yard.
Dates of Surveys held while building
1911: Jan 13. 17. 19. 24. 27. 31. Feb 2. 7. 15. 22. Mar 2. 10. 15. 16. 20. 22. 27. 29 Apr 3
Apr 5. 11. 21. 25. May 2. 3. 6. 9. 26. 31. Jun 2. 7. 12. 13. 21. 28.

Surveyor's Signature

Allison B. Wilson
Lloyd's Register Foundation

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Total No. of Visits 35