

STEEL STEAMER or MOTORSHIP.

Received at London Office - 3 NOV 1926

State if Report has been sent on the Freeboard of the Vessel *No*State if Report is sent on the Machinery of the Vessel *Yes*

Date of completion of report

Port of *Glasgow*No. *46064*Survey held at *Glasgow*Date First Survey *12th Aug*Last Survey *21st Oct*

1926

On the (State if Machinery fitted Aft and
if Single, Twin or Triple Screw)*Steel Single Screw Shallow Draft Ing "79 B"*State Type (Full Scantling, Complete Superstructure
with or without Tonnage Deckings)*Special Service*State Type of Erections *✓*TONNAGE under
Tonnage Deck...CLASS *+A1 in towing service* State if with freeboard
Rio Negro, Lima to Haquean as condition of ClassBuilt at *Glasgow*Do. of space or spaces
between Tonnage Dk.
and Upper Dk.Length from fore part of stem to after part of stern
post on summer L.W.L. See Sec. 3 (1a) *L 55.75*Launched *8th Oct 1926* Yard No. *1531*

Total

Breadth (greatest moulded) *B 10.16*Builders *Yarrow & Co Ltd*

Gross Tonnage

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) *D 3.92*Owners *Government of the Argentine Republic*

Register Tonnage

1st Longitudinal Number (L x D) = *218.5*Managers *✓*

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

REGISTERED DIMENSIONS.
FEET.Length *B.P.* *55.75*Breadth *M.O.* *10.16*Depth *M.O.* *3.92*Framing Depth "d," at middle of length. See
Sec. 3 (1d) *3.4*Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel *14.2*Do. Long Bridge to top
of keel *✓*Draught Moulded *1.6*Residence *✓*Port of Registry *Comodoro de Patagonia*

If surveyed while building, afloat, or in dry dock

while building and afloat

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	<i>24</i>	<i>✓</i>	Bracket Floors, Frame		
" " from $\frac{1}{2}$ length to Collision bulkhead	<i>24</i>	<i>✓</i>	" " Reversed Frame		
" " in peaks <i>24</i>	<i>21</i>	<i>✓</i>	" " Vertical Struts		
FRAMING.			Centre Girder, depth and thickness amidships		
Amidships, Angle, $\frac{1}{2}$ or $\frac{1}{4}$	<i>2 1/2 24</i>	<i>✓</i>	" " top Angles		
" " Extends up to <i>Upper Deck</i>	<i>ER 12 12 12 12</i>	<i>✓</i>	" " bottom Angles		
Reversed Frame Amidships, Angle	<i>12 12 12 12</i>	<i>✓</i>	Side Girders, No. each side and thickness		
" " Extends up to <i>Frame covers floor</i>	<i>12 12 12 12</i>	<i>✓</i>	Margin Plate depth (excl. of flange) and thickness		
of Framing Girder	<i>2</i>	<i>✓</i>	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, $\frac{1}{2}$ or $\frac{1}{4}$	<i>✓</i>	<i>✓</i>	" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem		
" " Second 'tween Decks, Angle, $\frac{1}{2}$ or $\frac{1}{4}$	<i>✓</i>	<i>✓</i>	" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
" " Third " " " "	<i>✓</i>	<i>✓</i>	" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem		
Anging in Peaks, Angle $\frac{1}{2}$ or $\frac{1}{4}$	<i>2 1/2 24</i>	<i>✓</i>	Tank Side Brackets, height above base line at toe of Frame and thickness		
Number and Spacing of Rivets through Frame and Shell Plating amid- ships	<i>3/8 @ 2 1/2</i>	<i>✓</i>	INNER BOTTOM PLATING.		
of Frame Joggled	<i>70</i>	<i>✓</i>	Breadth and thickness of Middle Line Strake		
ARRANGEMENTS (Sec. 7), state system and particulars)	<i>✓</i>	<i>✓</i>	Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	<i>✓</i>	<i>✓</i>	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?		
DOUBLE BOTTOM.			BEAMS.		
Depth and thickness at mid-line in Holds	<i>ER 10 6 12 12</i>	<i>✓</i>	Uppermost Continuous Deck, amidships in Wells, Angle, $\frac{1}{2}$ or $\frac{1}{4}$	<i>2 1/2 24</i>	
Height of Brackets at side above base line at toe of frame	<i>✓</i>	<i>✓</i>	" " in way of Bridge, Angle, $\frac{1}{2}$ or $\frac{1}{4}$	<i>✓</i>	
Line Keelson, on Floors, Angles, $\frac{1}{2}$ or $\frac{1}{4}$			Spacing	<i>24</i>	
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{1}{4}$		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{1}{4}$		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercostal Plate			Fourth Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{1}{4}$		
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, $\frac{1}{2}$ or $\frac{1}{4}$		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, $\frac{1}{2}$ or $\frac{1}{4}$		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, $\frac{1}{2}$ or $\frac{1}{4}$		
			Spacing		

PILLARS				DECKS.					
	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....									
" in 'tween Decks, Size and Spacing.....	2	2	2 1/2						
" " " " " "	at hatch corners								
" in Holds " "	2	1 1/2	2 1/2						
" " " " " "	in E.R.								
Centre Line Bulkhead.									
Stiffeners and Spacing.....									
Plating, thickness of									
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, breadth and thickness in Wells	12		5 1/2						
" " " " in way of Bridge									
" Angle in Wells									
Thickness of Plating abreast Deck openings in way of Wells									
Thickness of Plating abreast Deck openings in way of Bridge									
Thickness of Plating within line of openings...	2 1/2 plate 4 lb								
If Sheathed, material and thickness	2 1/2 lb								
Second Deck.									
Stringer Plate, breadth and thickness in Wells...									
Stringer Plate, breadth and thickness in way of Bridge									
Thickness of Plating within line of openings...									
If Sheathed, material and thickness									
Third Deck.									
Stringer Plate, breadth and thickness.....									
If Plated, state thickness.....									
Fourth Deck.									
Stringer Plate, breadth and thickness.....									
If Plated, state thickness									
Poop Deck.									
Stringer Plate, breadth and thickness									
Plating, Sheathing, material and thickness ...									
Bridge Deck.									
Stringer Plate, breadth and thickness.....									
Plating, Sheathing, material and thickness ...									
Forecastle Deck.									
Stringer Plate, breadth and thickness.....									
Plating, Sheathing, material and thickness ...									

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		No. OF ROWS OF RIVETS.	BUTTS.		STRAPPED OR LAPPED.	
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		RIVETS.	RIVETS.		
	Breadth.	Thickness.	Thickness.	Thickness.								Diam.
	Inches.	Inches.	Inches.	Inches.								
FLAT PLATE KEEL	33	5 1/2	5 1/2	5 1/2		Single	3/8	1 1/2 - 1 3/4	Two	3/8	1 1/2	Lapped
" DBLG. (if any)												
BOTTOM PLATING, No. of Strakes ...	33	5 1/2	5 1/2	5 1/2		Single	3/8	1 1/2 - 1 3/4	Two	3/8	1 1/2	Lapped
BILGE PLATING, No. of Strakes ...	30	5 1/2	5 1/2	5 1/2		Do	3/8		Do	3/8	1 1/2	Do
SIDE PLATING, No. of Strakes ...	36	5 1/2	5 1/2	5 1/2		Do	3/8		Do	3/8	1 1/2	Do
UPPER DECK, Sheer-strake in Wells.....												
UPPER DECK, Sheer-strake in Bridge ...												
STRAKE BELOW Sheer-strake in Wells.....												
STRAKE BELOW Sheer-strake in Bridge ...												
POOP SIDE PLATING												
BRIDGE SIDE PLATING ...												
FORECASTLE SIDE PLATING												

WATERTIGHT BULKHEADS.				FORGINGS and CASTINGS.			
Total No. of W.T. BULKHEADS in Vessel—				Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Extending to Upper Deck (Sec. 3 c).....							
" Deck next below.....							
As per Rule.....							
STIFFENERS.							
	Plating Thickness.	VERTICAL.		HORIZONTAL.			
		Scantlings.	Spacing.	Scantlings.	Spacing.		
MIDSHIP BULKHEAD, Upper tween decks	✓						
" " Second "	✓						
" " Third "	✓						
" " Holds		3 1/2	1 1/2	2 1/2			
COLLISION " (in Hold)		3 1/2		2 3/4			
AFTER PEAK " "		3 1/2		2 1/2			
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)							
STEEL. <i>Siemens Martin Open Hearth.</i>				<i>Steel Co of Scotland</i>			
Has the Steel been tested as required by the Rules?				<i>Yes.</i>			

EQUIPMENT No.										LETTER	ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.			
70383 (Non Stat)	1st Bower ...		3	14			25	2	19	3	21	approved 1 cwt. including stock	✓	Netherton 7 th Oct 1926 H Green
	2nd „ ...													
	3rd „ ...													
	Collective weight.													
	Stream													

CHAIN CABLES.											HAWSERS AND WARPS.								
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		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 53.	
	Length.	Diam.	Statutory.	Breaking.	Supplied.		Per Rule.	Length.	Diam.	Length.					Diam.	Fathoms.		Ins.	Fathoms.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
81061	27 1/3	3/8	3.8	2.53	2-2-17			✓	27 1/3	3/8	Steel	H. Hingley Son	Netherton 9th Oct 1926	TOWLINE...	165	2"	7	165	2"
Iron Stream Chain or Steel Wire														HAWSERS & WARPS	55	3"	1/2 ton	55	3"
		Cir.								Cir.				"					
														"					

Steering Gear, Steam *None* Steering Gear, Hand *by Yarrow & Co Ltd*

Boats *One wood 10'-0" x 3'-6" x 1'-7 1/2"* Steering Chains, Size and Test *5/16" - 12 ton 2 and 2 1/2 ton* Windlass *Hand by ? Reid & Co Paisley*

Ceiling in Holds, thickness and material *1" W. Pine* Cargo Battens, thickness, material and spacing *None*

Cargo Hatchways.—(Upper Deck) *4'-0" x 4'-0"* Thickness of Hatches *1 1/4" Teak.*

Size of No. 1 Hatchway (Forward) *✓* No. 2 *✓* No. 3 *✓* No. 4 *✓* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams and/or Fore and Afters *✓*

for YARROW & CO. LTD.
Builder's Signature *Alfred J. Thomson and Secretary*

GENERAL DECLARATION *This vessel has been built in accordance with the approved plans and Sign's letters of various dates. The materials and workmanship are good.*

The deck, bulkheads and pumps have been tested in accordance with the rule requirements.

The oil service tanks tested as per engineers report.

This vessel is being shipped to Rio Negro Per Steamers

The following approved plans herewith (+ in number)

Midship Section, Framing, Deck & W. 7. Bulkheads, Rudder, & General arrangement

The amount of Entry Fee £ 2 : 0 : 0 Fees applied for, *11/11/26*

Special Survey Fee £ 20 : 0 : 0 Received by me, *13.12.26*

Travelling Expenses, if any £ : : : I am of opinion the Vessel should be Classed *+ A1*

State whether the Vessel has been built under Special Survey *No* Signature *Roman Dobson*

For Towing Service Rio Negro, Limay to Neaguon

Surveyor to Lloyd's Register of Shipping.

Hull Certificate to be sent to *GLASGOW* Date of issue *14/12/26*

Manchester

Committee's Minute *GLASGOW 2-NOV 1926*

Character assigned *+ A1 1026* See endorsement 1.6 25

For Towing Service - Rio Negro, Limay to Neaguon

Lloyd's A+C.P.

+ LMC 10.26



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GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of the Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Particulars of **Drop Test** of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials,
Number of Certificate, Date
of Test.

1st Bower
2nd "
3rd "

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 (this information is to be given as it should appear in the Register Book) One Wood Deck (Peak)

Official No. ☒ ; Signal Letters ☒

Is bottom of Vessel coated with cement No if not give

particulars of composition All Steelwork galvanized and painted

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

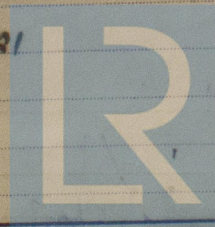
* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 5489

Date 1st 10 26

Dates of Surveys held while building

1926 Aug 17 / Sep 6-8-10-13-16-23 Oct 8-12-21



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Total No. of Visits 10