

STEEL ~~STEAMER~~ or MOTORSHIP.

Received at London Office 13 JUN 1928

State if Report has been sent on the Freeboard of the Vessel *Yes*State if Report is sent on the Machinery of the Vessel *Yes*

Date of completion of report

11. 6. 28.

Port of

*Glasgow*

No.

48080

Survey held at

*Glasgow*

Date First Survey

Last Survey

29. 5.

1928

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

T. S. M.V. "DELFINA MITRE"

Machinery Amidships

State Type (Full Sailing, Complete Superstructure with or without Tonnage Openings)

Special Type - Train Ferry

State Type of Erections

Flush deck

TONNAGE under Tonnage Deck...

2206.52

CLASS *\*100. A.1.*State if with freeboard as condition of Class *Yes*

Built 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)

*Dimensions actual in Numbers*  
L 335' 7 3/8 335.75Launched 19<sup>th</sup> April 1928Yard No. 815<sup>P</sup>

Total

2206.52

Breadth (greatest moulded)

B 57' 6 1/2 57.625

Builders

*A & J. Inglis Ltd.*

Gross Tonnage

2234.65

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 19' 7 1/2 19.625

Owners

*Entre Rios Rail? Coy. Ltd.*

Register Tonnage

1341.35

1st Longitudinal Number (L x D).....=

5720

Managers

*do.*

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

REGISTERED DIMENSIONS.  
FEET.

Length

340.0

Breadth

57.7

Depth

17.7

Framing Depth "d," at middle of length. See Sec. 3 (1d)

14.0

Proportions—Depth to Length—Uppermost continuous deck to top of keel

17.0

Do. Long Bridge to top of keel

12.0

Draught Moulded

12.0

Residence

*River Plate House  
Finsbury Circus London*

Port of Registry

*Vicary*

If surveyed while building, afloat, or in dry dock

*Yes*

## 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.
<b>FRAMES, Spacing amidships</b> .....	<i>As per ft</i>		<b>Bracket Floors, Frame</b> .....		
" " from 1/2 length to Collision bulkhead.....	24		" " Reversed Frame.....		
" " in peaks.....			" " Vertical Struts.....		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
Frame Amidships, Angle, E or F.....	8 3 1/2 20		" " top Angles.....		
" " Extends up to.....	upper deck		" " bottom Angles.....		
Reversed Frame Amidships, Angle.....	3 1/2 3 1/2 11.1		<b>Side Girders, No. each side and thickness</b> .....		
" " Extends up to.....	lower turn of bilge		<b>Margin Plate depth (excl. of flange) and thickness</b>		
Depth of Framing Girder.....	8		" " Vertical Angle to Tank side		
<b>Frames in Uppermost Continuous Deck, Angle, E or F.....</b>			Bracket abaft 1/2 len. from stem.....		
" " Second Tween Decks, Angle, E or F.....			" " Vertical Angle to Tank side		
" " Third.....			Bracket forward 1/2 len. from stem.....		
Framing in Peaks, Angle or F.....	8 3 1/2 20		" " Gussets, spacing and scantling		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships.....	7/8" - 6 1/4"		abaft 1/2 len. from stem.....		
State if Frame Joggled.....	No		" " Gussets, spacing and scantling		
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars.....	<i>Pillars girders and Keelsons per app. plans</i>		forward 1/2 len. from stem.....		
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars.....			<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
<b>SINGLE BOTTOM.</b>			<b>INNER BOTTOM PLATING.</b>		
Floors, Depth and thickness at mid-line in Holds.....	30 x 20		Breadth and thickness of Middle Line Strake ...		
Height of Brackets at side above base line at toe of frame.....	45"		Thickness of remainder in Holds.....		
Middle Line Keelson, on Floors, Angles, E or F.....	3 1/2 3 1/2 11.1 3 1/2 x 3 1/2 x 8.13		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?.....		
" " Through Plate or Intercoastal Plate.....	40 x 26.5				
" " (2) Foundation Plate on Floors.....	18 x 26.5		<b>BEAMS.</b>		
" " (2) Flat Plate Keel Angles.....	5 5 16.2		Uppermost Continuous Deck, amidships in Walls, Angle, E or F.....	7 x 3 x 3 x 17.4	
Side Keelsons, No. each side.....	Three		" " in way of Bridge, Angle, E or F.....		
" " thickness of Intercoastal Plate.....	12 1/2		Spacing.....	24	
" " Angles.....	4 4 12.8		<b>Second Deck, amidships, Angle, E or F.....</b>	4 3 10	
<b>DOUBLE BOTTOM.</b>			Spacing.....	24	
Solid Floors, thickness and spacing.....	5 5 16.2		<b>Third Deck, amidships, Angle, E or F.....</b>		
" " Are Frame and Reversed Frame joggled?.....	Single		Spacing.....		
Bracket Floors, breadth and thickness at middle line.....			<b>Fourth Deck, amidships, Angle, E or F.....</b>		
" " breadth and thickness at margin plate.....			Spacing.....		
			<b>Poop Deck, Angle, E or F.....</b>		
			Spacing.....		
			<b>Bridge Deck, Angle, E or F.....</b>		
			Spacing.....		
			<b>Forecastle Deck, Angle, E or F.....</b>		
			Spacing.....		

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Lloyd's Register  
Foundation

011089-011098-0058 1/2



## PILLARS AND DECKS.

		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.			INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>		<i>Six</i>	<i>105</i>	<del>Stringer Plate, breadth and thickness in way of Bridge .....</del>			
<del>“ in 'tween Decks, Size and Spacing.....</del>				<del>Thickness of Plating abreast Deck openings in way of Wells .....</del>			
<del>“ “ “ “ “</del>				<del>Thickness of Plating abreast Deck openings in way of Bridge .....</del>			
<del>“ “ “ “ “</del>				<del>Thickness of Plating within line of openings...</del>			
<del>Centre Line Bulkhead:</del>				<del>If Sheathed, material and thickness .....</del>			
<del>Stiffeners and Spacing.....</del>				<b>Third Deck.</b>			
<del>Plating, thickness of .....</del>				Stringer Plate, breadth and thickness.....			
<b>STRINGERS AND DECKS.</b>				If Plated, state thickness.....			
<b>Uppermost Continuous Deck.</b>				<b>Fourth Deck.</b>			
Stringer Plate, breadth and thickness in Wells		<i>65 x 26.5</i>	<i>1</i>	Stringer Plate, breadth and thickness.....			
“ “ “ “ in way of Bridge				If Plated, state thickness .....			
“ Angle in Wells .....		<i>6 6 24.7</i>	<i>1</i>	<b>Poop Deck.</b>			
Thickness of Plating abreast Deck openings in way of Wells .....		<i>15 lbs.</i>	<i>1</i>	Stringer Plate, breadth and thickness .....			
Thickness of Plating abreast Deck openings in way of Bridge .....				Plating, Sheathing, material and thickness ...			
Thickness of Plating within line of openings...		<i>20 lbs at ends</i>	<i>1</i>	<b>Bridge Deck.</b>			
If Sheathed, material and thickness .....				Stringer Plate, breadth and thickness.....			
<b>Second Deck.</b>				Plating, Sheathing, material and thickness ...			
Stringer Plate, breadth and thickness in Wells...				<b>Forecastle Deck.</b>			
				Stringer Plate, breadth and thickness .....			
				Plating, Sheathing, material and thickness ...			

## SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.			ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>Ordinary</i> State if jogged?			BUTTS.				
	AMIDSHIPS.	FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
						Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.		
	Breadth. Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL .....	45	35.9	25.3	/	Double	1	4	/	Three	1	3½ Double Strapped	
" DELG. (if any)				/				/				
BOTTOM PLATING, No. } of Strakes .....	1 @ 24.5	21.2	21.2	/	Double	⅞	3¾	/	Three	⅞	3⅝ Strapped Lapped	
BILGE PLATING, No. of } Strakes .....	2 @ 20.4	17.5	17.5	/	do.	¾	3	/	do.	¾	2⅝ Lapped	
SIDE PLATING, No. of } Strakes .....	1 @ 20.4	14.5	17.5	/	do.	¾	3	/	do.	¾	2⅝ do.	
UPPER DECK, Sheer- } strake in Wells.....	67	26.5	22.0	/	do.	⅞	3¾	/	do.	⅞	3⅝ Double Strapped	
UPPER DECK, Sheer- } strake in Bridge ... )				/				/				
STRAKE BELOW SHEER- } strake in Wells.....	20.4	17.5	17.5	/	Double	¾	3.	/	Three	¾	2⅝ Lapped	
STRAKE BELOW SHEER- } strake in Bridge ... )				/				/				
POOP SIDE PLATING .....				/				/				
BRIDGE SIDE PLATING ...				/				/				
FORECASTLE SIDE PLATING				/				/				

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		Eight	
Extending to Upper Deck (Sec. 3 c)		Eight	
" Deck next below		Six	
As per Rule <u>approved.</u>			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<del>MIDSHIP BULKHEAD</del> Upper tween decks					
" " Second "					
" " Third "					
" " Holds .....					
<b>COLLISION</b> " (in Hold) .....					
<b>AFTER PEAK</b> " " .....					

50'-30 8x3x40 24/28 ✓  
B.A.

36'-30 6x3x32 21/28 ✓  
B.A.

36'-30 7x3x40 23/30 ✓  
and 45x3x32

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<del>KEEL, Bar</del>				
STEM	Steel Casting	3/4" Sketch	Steel Coy of Scotland	/
STERN FRAME	Propeller Post			
	Rudder	Forging 9x4	R. Kerr Sons	/
RUDDER—AxD		237		/
Speed of Vessel		11 1/2 Knots		/
RUDDER mainpiece at head	Forging	8' dia.	R Kerr	/
		6' x 5'	Sons	/
" " heel				
" how constructed		Forged frame		/
" double or single plate coupling, vertical or horizontal		Single plate 1' 0"		/
		Horizontal		/

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Has the Steel been tested as required by the Rules?

David Colville & Sons. Ltd.

Yes

Lloyd's Register  
Foundation



13 JUN 1928

EQUIPMENT No. <u>26000</u>										LETTER <u>✓</u>		ANCHORS.				
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.	Description of Anchor	Makers.	Where and when tested and Superintendent.		
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.					lbs.	
<u>6434</u>	1st Bower ...	<u>39</u>	<u>1</u>	<u>14</u>	<u>Stockless</u>	<u>35</u>	<u>7</u>	<u>0</u>	<u>21</u>	<u>38 1/2</u>	<u>Byers Stockless</u>	<u>not stated</u>	<u>Glasgow 20/28</u>	<u>Haffner</u>		
<u>6433</u>	2nd „ ...	<u>38</u>	<u>2</u>	<u>14</u>	<u>do.</u>	<u>34</u>	<u>17</u>	<u>3</u>	<u>7</u>	<u>38 1/2</u>	<u>do.</u>	<u>do.</u>	<u>do do</u>	<u>do</u>		
	3rd „ ...															
	Collective weight.	<u>78</u>	<u>-</u>	<u>-</u>						<u>76 22/28</u>						
<u>43236</u>	<u>Ridge Stream</u> .....	<u>7</u>	<u>2</u>	<u>20</u>	<u>2</u>	<u>0</u>	<u>22</u>	<u>9</u>	<u>15</u>	<u>3</u>	<u>21</u>	<u>9 23/28</u>	<u>Ordinary</u>	<u>not stated</u>	<u>Bradley Heath 30/28</u>	<u>Paul</u>
CHAIN CABLES										HAWSERS AND WARPS						

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size <del>per Table 53</del>		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.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.		
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Owts.	Fathoms.	Ins.			Fathoms.	Ins.	Tons.	Fathoms.	Ins.		
40851	270	1 13/16	57 1/8	62 3/4	452.3	14	447 1/2	270	1 13/16	stud link	not stated	Bradley Heath 30/28 Paul	TOWLINE						
													HAWSERS & WARPS	90	3 1/4	29	90. 3 1/4		
														60		29	2-90. 6"		
														2-90	2 1/4	9.5	2-90. 5"		
														2-90	1 3/4	6.0	4-25. 6"		
														2-90	6	Handls			
														do	5	do.			
Iron Stream Chain or Steel Wire		✓	✓																

Steering Gear, Steam *Electric Hydraulic by Brown Bros.* *Emergency* Steering Gear, Hand *Efficient*

Boats *2 Steel lifeboats* Steering Chains, Size and Test *no chains* Windlass *Electric by Clarke Chapman*

Ceiling in Holds, thickness and material *None* Cargo Battens, thickness, material and spacing *None*

Cargo Hatchways.—(Upper Deck) *None* Thickness of Hatches *✓*

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 *✓*

*A. & J. INGHIS, LIMITED.*  
*James J. Inghis*  
Builder's Signature *Director.*

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *yes* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *no*. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

*Materials and Workmanship are good.*

*Vessel has been built in accordance with the approved plans, the Secretary's letters of various dates, and in general conformity with the Rules for the Class contemplated.*

*The deck and bulkheads have been hose tested, as required by the Rules, and the freeboard markings have been verified and cut in on the ship's sides. The oil fuel bunker has been tested to the height of the filling pipes with satisfactory results, and the requirements of Section 35 of the Rules, where they apply, have been carried out (Oil bunker in deep tank at fore end of Motor Room).*

*Vessel is a sister ship of the T.S. M.T. "DOLORES DE URQUIZA", the same builders' N. 725 P. (Report 46022)*

The amount of Entry Fee ..... £ *6 : 0 : 0* Fees applied for, *11 JUN 1928*

Special Survey Fee .... £ *186 : 15 : 0* Received by me, *29.6.28*

*Heuboard* *6 : 8 : 4*

Travelling Expenses, if any £ : : *✓*

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

Certificate to be sent to *GLASGOW* Date of issue *5/7/28* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *GLASGOW 12 JUN 1928*

Character assigned *+ 100 A1. 5.28.*

*Train Ferry for service on the River Parana*

*Lloyd's Arch.*

*+ LMC 5.28.*

*+ 100. A.1. Train Ferry for service on the River Parana*



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

### List of Plans

- ✓ Midship Section as approved
- ✓ do vessel as built
- ✓ Profile & Deck.
- ✓ Shell expansion
- ✓ Rudder
- ✓ Detail of lubricating oil tank
- (2) ✓ Sections in way of aft shaft brackets and of forward shaft brackets
- ✓ Bulkheads
- ✓ Bulkhead meeting
- ✓ Detail of plate beam
- ✓ Seating for settling tanks on Bulkhead N.61
- ✓ Pumping plan N.725<sup>P</sup>
- ✓ Modification to Stern
- ✓ Connection of floor plate to frame and reversed frame
- ✓ Terminal Scupped frames
- ✓ Fore body floor sections
- ✓ Detail of motor room casing
- ✓ Centre line division of oil fuel bunker
- ✓ Deck over oil fuel bunker
- ✓ Stern Plan
- ✓ Hatches over Engine Room
- ✓ Companion entrance to Engine Room
- ✓ Web frames in Motor Room
- ✓ After body floor sections
- ✓ Propeller Brackets
- ✓ Plan of 1<sup>st</sup> and 3<sup>rd</sup> Girders
- ✓ Stern Casting
- ✓ Engine Seat Plan
- ✓ Alterations to oil fuel trunk

### Plans No. 815<sup>P</sup>

- ✓ Pumping Arrangement
- ✓ Arrangement of Steering Gear
- ✓ Detail of Meeting of Channel Pillars
- ✓ Centre Keelson
- ✓ Propeller Shaft Brackets
- ✓ Midship Section vessel as built

### Reports.

Rudder

Welsh Davits

Stern Frame

Shaft Brackets

Stern

Tiller

Crosshead & Rail clamps

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

1st Bower  
2nd "  
3rd "

25-1.27 H.B. 3484 13.1.28  
26.0.6 H.B. 3483 13.1.28

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)

1 deck stl

Official No.

; Signal Letters

Is bottom of Vessel coated with cement

if not give

particulars of composition

Bottom coated with bitumastic enamel clear of Machinery Space on Peaks. Peaks cemented with Portland cement. Machinery Spaces painted with Red Lead

### 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		
			(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.

Date

8.6.27

Dates of Surveys held while building

1927 July 12 Aug 3. 17. 22. 26. Sept 4. 17. 22. 26. Oct 1. 4. 19. 24. Nov 1. 9. 17. 22. 30. Dec 5. 12. 15. 19. 22. 26.  
1928 Jan 9. 13. 22. 27. 30. Feb 2. 5. 10. 14. 15. 17. 21. 23. 29. Mar 3. 7. 8. 14. 16. 19. 20. 22. 23. 26. 27.  
30. Apr 3. 6. 13. 17. 24. 27. May 4. 8. 9. 11. 17. 18. 22. 24. 29.

Total No. of Visits

64