

28 JUN 1930

# STEEL STEAMER or MOTORSHIP.

Received at London Office

State if Report has been sent on the Freeboard of the Vessel

ho. *Hd. for voyage out issued by B.O.T.*

State if Report is sent on the Machinery of the Vessel

Yes.

Date of completion of report

*16 June 1930*

Port of

*HULL*

No.

*40969*

Survey held at

*Sellyu*

Date First Survey

*6 Feb*

Last Survey

*15 June*

19 *30*

On the

*Steel Twin Screw Eng*

*"SALVADOR"*

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

State Type of Erections

*none*

TONNAGE under Tonnage Deck

*208.25*

CLASS

*+ A1*

State if with freeboard

*ho*

Built at

*Sellyu*

Do. of space or spaces between Tonnage Dk. and Upper Dk.

*208.25*

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

*L 110'-0"*

Launched

*May 29th 1930*

Yard No.

*1079*

Total

*208.25*

Breadth (greatest moulded)

*B 26'-0"*

Builders

*Cochrane & Sons Ltd.*

Gross Tonnage

*255.42*

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

*D 10'-0"*

Owners

*Argentine Navigation (Nicolas Michanovich) Ltd.*

Register Tonnage

*Nil*

1st Longitudinal Number (L x D)

*= 1100*

Managers

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

REGISTERED DIMENSIONS. FEET.

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

*8.83*

Residence

*✓*

Length

*110.35*

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

*11.00*

Port of Registry

*Buenos Aires*

Breadth

*26.15*

Do. Long Bridge to top of keel

*✓*

If surveyed while building, afloat, or in dry dock

Depth

*9.50*

Draught Moulded

*✓*

*While building & 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>21</i>		Bracket Floors, Frame		
" " from $\frac{1}{2}$ length to Collision bulkhead	<i>21</i>		" " Reversed Frame		
" " in peaks	<i>21</i>		" " Vertical Struts		
DE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <i>E or F</i>	<i>4 2 1/2 .26</i>		" " top Angles		
" " Extends up to	<i>Deck</i>		" " bottom Angles		
Reversed Frame Amidships, Angle	<i>2 1/2 2 1/2 .30</i>		Side Girders, No. each side and thickness		
" " Extends up to	<i>across floors</i>		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	<i>4</i>		" " Vertical Angle to Tank side Bracket abt $\frac{1}{2}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E or F</i>	<i>✓</i>		" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem		
" " Second 'tween Decks, Angle, <i>E or F</i>	<i>✓</i>		" " Gussets, spacing and scantling abt $\frac{1}{2}$ len. from stem		
" " Third " " " "	<i>✓</i>		" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem		
Framing in Peaks, Angle, <i>E or F</i>	<i>4 2 1/2 .26</i>		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>5/8 4 3/8</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>no</i>		Breadth and thickness of Middle Line Strake		
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Eng</i>		Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. State Particulars			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.		
Floors, Depth and thickness at mid-line in Holds	<i>1 1/4 .28</i>		Uppermost Continuous Deck, amidships	<i>4 2 1/2 .28</i>	
Height of Brackets at side above base line at toe of frame	<i>none</i>		" " in way of Bridge, Angle, <i>E or F</i>	<i>3 2 1/2 .26</i>	
Middle Line Keelson, on Floors, Angles	<i>8 x 3 1/2 x 3 1/2 x 40 .35</i>		Spacing	<i>every</i>	
" " Through Plate or Intercoastal Plate	<i>✓</i>		Second Deck, amidships, Angle, <i>E or F</i>	<i>✓</i>	
" " Foundation Plate on Floors	<i>✓</i>		Spacing		
" " Flat Plate Keel Angles	<i>✓</i>		Third Deck, amidships, Angle, <i>E or F</i>	<i>✓</i>	
Keelsons, No. each side	<i>5 4 .34</i>		Spacing		
" " thickness of Intercoastal Plate	<i>✓</i>		Fourth Deck, amidships, Angle, <i>E or F</i>	<i>✓</i>	
" " Angles	<i>✓</i>		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, <i>E or F</i>	<i>✓</i>	
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, <i>E or F</i>	<i>✓</i>	
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, <i>E or F</i>	<i>✓</i>	
			Spacing		



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>		ones		Stringer Plate, breadth and thickness in way of Bridge .....			
,, in 'tween Decks, Size and Spacing.....		✓		Thickness of Plating abreast Deck openings in way of Wells .....			
,, ,, ,, ,, ,,				Thickness of Plating abreast Deck openings in way of Bridge .....			
,, in Holds		2 1/2" dia to suit		Thickness of Plating within line of openings...			
,, ,, ,, ,, ,,		arrangements		If Sheathed, material and thickness .....			
<b>Centre Line Bulkhead.</b>				<b>Third Deck.</b>			
Stiffeners and Spacing .....		✓		Stringer Plate, breadth and thickness.....		✓	
Plating, thickness of .....		✓		If Plated, state thickness.....			
<b>STRINGERS AND DECKS.</b>				<b>Fourth Deck.</b>			
<b>Uppermost Continuous Deck.</b>				Stringer Plate, breadth and thickness.....		✓	
Stringer Plate, breadth and thickness in Wells		26		If Plated, state thickness .....			
,, ,, ,, ,, in way of Bridge		✓		<b>Poop Deck.</b>			
,, Angle in Wells .....		2 1/2 2 1/2 30		Stringer Plate, breadth and thickness .....		✓	
Thickness of Plating abreast Deck openings in way of Wells .....		26		Plating, Sheathing, material and thickness ...			
Thickness of Plating abreast Deck openings in way of Bridge .....		✓		<b>Bridge Deck.</b>			
Thickness of Plating within line of openings...		26 + 1/4	✓	Stringer Plate, breadth and thickness.....		✓	
If Sheathed, material and thickness .....		5 x 2 1/2" Teak over accommodation only.		Plating, Sheathing, material and thickness ...			
<b>Second Deck.</b>				<b>Forecastle Deck.</b>			
Stringer Plate, breadth and thickness in Wells...		✓		Stringer Plate, breadth and thickness.....		✓	
				Plating, Sheathing, material and thickness ...			

## SHELL PLATING.

[illegible]

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b> Extending to Upper Deck (Sec. 3 c) ..... 5 „ Deck next below ..... As per Rule ..... 4										Casting or Forging.		Scantlings.		Maker's Name.		Any departure from approved plans to be noted.																																																																											
<table border="1"> <thead> <tr> <th rowspan="3"></th> <th rowspan="3">Plating Thickness.</th> <th colspan="4">STIFFENERS.</th> </tr> <tr> <th colspan="2">VERTICAL.</th> <th colspan="2">HORIZONTAL.</th> </tr> <tr> <th>Scantlings.</th> <th>Spacing.</th> <th>Scantlings.</th> <th>Spacing.</th> </tr> </thead> <tbody> <tr> <td><b>MIDSHIP BULKH'D</b>, Upper tween decks</td> <td>5/16</td> <td>4x22x30L</td> <td>42"</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>" " Second</td> <td>1/4</td> <td>26-18 6x30-32L</td> <td>30"</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>" " Third</td> <td>29</td> <td>26-18 6x30-30L</td> <td>30"</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>" " Holds</td> <td>18</td> <td>24-18 6x30-30L</td> <td>30"</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><b>COLLISION</b> " (in Hold)</td> <td>57</td> <td>32-28 6x30-30L</td> <td>24"</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><b>AFTER PEAK</b> " "</td> <td>6</td> <td>32-28 6x30-30L</td> <td>24"</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>											Plating Thickness.	STIFFENERS.				VERTICAL.		HORIZONTAL.		Scantlings.	Spacing.	Scantlings.	Spacing.	<b>MIDSHIP BULKH'D</b> , Upper tween decks	5/16	4x22x30L	42"							" " Second	1/4	26-18 6x30-32L	30"							" " Third	29	26-18 6x30-30L	30"							" " Holds	18	24-18 6x30-30L	30"							<b>COLLISION</b> " (in Hold)	57	32-28 6x30-30L	24"							<b>AFTER PEAK</b> " "	6	32-28 6x30-30L	24"							<b>KEEL, Bar</b> ..... ✓		<b>STEM</b> ..... Roller 6x1 1/8" Bolckow, Vaughan		<b>STERN FRAME</b> { Propeller Post ..... Forging 5 1/2 x 1 1/2" Forster		Rudder " ..... ✓	
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<b>RUDDER—A x D</b> ..... 50.0										<b>Speed of Vessel</b> ..... ✓		<b>RUDDER</b> mainpiece at head ..... Forging 4 1/2" Forster		" " heel ..... 3 1/2"																																																																													
" " how constructed ..... forged & built										" double or single plate ..... single 60		" coupling, vertical or horizontal ..... none		2020																																																																													
STEEL.										Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) open hearth process. Onsett J. Co.: Appleby J. Co.: D. Long & Co.: Bolckow Vaughan & Co.: Cargo Fleet J. Co.: Has the Steel been tested as required by the Rules? Yes.																																																																																	



EQUIPMENT No. 3960										LETTER ✓		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.				
45276	1st Bower	6	1	7	✓	✓		8	13	2	0	64	Perkins Stockless.	not stated	C.H.; 11/4/30; Paul.
45279	2nd "	5	2	7	✓	✓		7	18	1	21	53	"	"	"
	3rd "														
	Collective weight.	11	3	14	✓	✓						1134			
	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.	Cir.		Length.	Cir.
95357	120	1	18	27	61.1.10	87			120	1	Plus	not stated	N: 30/4/30. Green	TOWLINE...					
Iron Stream Chain or Steel Wire														HAWSERS & WARPS	60	52		60	52
														"	60	14		60	14

Steering Gear, Steam *efficient* Steering Gear, Hand *efficient*

Boats *2, Steel.* Steering Chains, Size and Test *3/4 dia. 10/8 Tons* Windlass *efficient.*

Ceiling in Holds, thickness and material *✓* Cargo Battens, thickness, material and spacing *✓*

Cargo Hatchways. (Upper Deck) *✓* 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 *✓*

FOR COCHRANE & SONS, LTD.

Builder's Signature *J. H. Cochrane* DIRECTOR

GENERAL DECLARATION *This vessel has been built in accordance with the approved plans and instructions and in conformity with the Rules for the Class contemplated.*

*The materials and workmanship are satisfactory.*

*No service freeboard has been assigned.*

*The forward and after peak tanks have been tested and found satisfactory.*

*The wat. bulkheads, decks, casings, hand pump (down), steering gear etc. have been tested and found satisfactory.*

The amount of Entry Fee ..... £ *3 : 0 : 0* Fees applied for, *27 June 1930*

Special Survey Fee.... £ *25 : 10 : 0* Received by me, *30.6.30*

Travelling Expenses, if any £ *1 : 10 : 11* Yes *✓*

State whether the Vessel has been built under Special Survey *Yes.* Signature *M. Malcolm*

Certificate to be sent to. Date of issue *30/6/30* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *TUE. 1 JUL 1930*

Character assigned *+ A1*

*For Towing Services*

*For Service on the Rivers*

*Parana-Paraguay*

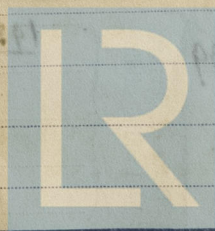
*+ L.M.C. 6,30*

*O.G.*

*Write to*

*Lloyd's A+C.*

*My*



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Lloyd's Register Foundation

02342



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.)

The following plans etc are enclosed:

Midship Section (approved)

Profile & Deck

W.T. Bulkheads

Rudder & Stern Frame

Shaft Brackets

Pumping Arrangements

Pipe Arrangement (2 plans)

Midship Section

(as built)

Profile & Deck

Forging Reports (3)

Steel Invoices

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

1st Bower

2nd "

3rd "

Forged

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) 1/2 in # part tank wood sheathed

Official No. *None* ; Signal Letters

Is bottom of Vessel coated with cement *Yes* if not give

#### PARTICULARS OF WATER BALLAST.—

PARTICULARS OF WATER BALLAST.—				*Length.	Water Capacity.
Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,	10.0	19.0
Double bottom, under Engines and Boilers,			After peak tank,	11.0	30.0
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. *2939*

Date

*9 Dec. 1929.*

Dates of Surveys held while building

1930: *July 6. 20. 27 Mar 5. 7. 14 25. Apr 2. 8. 14. 25. 30. May 2. 8. 12. 19. 23. 29. June 13. 18. 25.*

Total No. of Visits

Lloyd's Register Foundation