

STEEL STEAMER or MOTORSHIP.

22 JUL 1930

Received at London Office

41041.

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

No. The 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

17 July 1930.

Port of

HULL

No.

Survey held at

Selly

Date First Survey

20 Feb'y

Last Survey

15 July

1930

On the

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

Steel Twin Screw Eng.

"SUPERIOR"

State Type

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

State Type of Erections

None

TONNAGE under Tonnage Deck...

208.25

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

Total

208.25

Gross Tonnage

253.42

Register Tonnage

nil.

REGISTERED DIMENSIONS.

FEET.

Length

110.35

Breadth

26.15

Depth

9.5

CLASS "A1" State if with freeboard as condition of Class

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

L 110'-0"

Breadth (greatest moulded)

B 26'-0"

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"

1st Longitudinal Number (L x D) =

1100

2nd Numeral L x (B + D) =

3960

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

8.83

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

11.00

Do. Long Bridge to top of keel

Draught Moulded

✓

Built at

Selly

Launched

May 29th 1930

Yard No. 1080

Builders

Cochran & Sons Ltd.

Owners

Argentine Navigation

Managers

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

Residence

Port of Registry

Buenos Aires

If surveyed while building, afloat, or in dry dock

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	21		Bracket Floors, Frame		
" " from $\frac{1}{2}$ length to Collision bulkhead	21		" " Reversed Frame		
" " in peaks	21		" " Vertical Struts		
FRAME FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, E or F	4 2 26		" " top Angles		
" " Extends up to	deck		" " bottom Angles		
Reversed Frame Amidships, Angle	2 2 30		Side Girders, No. each side and thickness		
" " Extends up to	across floors		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	4		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, E or F			" " Bracket abaft $\frac{1}{2}$ len. from stem		
" " Second 'tween Decks, Angle, E or F			" " Vertical Angle to Tank side		
" " Third " " " "			" " Bracket forward $\frac{1}{2}$ len. from stem		
Framing in Peaks, Angle or F	4 2 26		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 1 2/8		" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem		
State if Frame Joggled	no		Tank Side Brackets, height above base line at toe of Frame and thickness		
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	Eng		INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars			Breadth and thickness of Middle Line Strake		
ANGLE BOTTOM.			Thickness of remainder in Holds		
Floors, Depth and thickness at mid-line in Holds	14 28		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?		
Height of Brackets at side above base line at toe of frame	none		BEAMS.		
Middle Line Keelson, on Floors, Angles, E or F	8 3 3 2 4 35		Uppermost Continuous Deck, amidships	4 2 28	
" " Through Plate or Intercoastal Plate			" " in Wells, Angle, E or F	3 2 26	
" " Foundation Plate on Floors			" " in way of Bridge, Angle, E or F		
" " Flat Plate Keel Angles			Spacing	every	
Side Keelsons, No. each side	5 14 34		Second Deck, amidships, Angle, E or F		
" " thickness of Intercoastal Plate			Spacing		
" " Angles			Third Deck, amidships, Angle, E or F		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			Fourth Deck, amidships, Angle, E or F		
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			Poop Deck, Angle, E or F		
" " breadth and thickness at margin plate			Spacing		
			Bridge Deck, Angle, E or F		
			Spacing		
			Forecastle Deck, Angle, E or F		
			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.
PILLARS, No. of Rows.....	one		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		
" " " "	2 1/2 dia. to suit		Thickness of Plating abreast Deck openings in way of Bridge		
" in Holds " "	arrangements.		Thickness of Plating within line of openings...		
" " " "			If Sheathed, material and thickness		
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of	✓		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	26		If Plated, state thickness		
" " " " in way of Bridge	✓		Poop Deck.		
" 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	✓		Bridge Deck.		
Thickness of Plating within line of openings...	26		Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness	5 x 2 1/2' Peak over accomodation only.		Plating, Sheathing, material and thickness		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	✓		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. State if jogged?		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.	STRAPPED OR LAPPED.
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.			Diam. Inches.			Spacing cr. to cr. Inches.	
FLAT PLATE KEEL	<i>36</i>	<i>34</i>	<i>30</i>	<i>30</i>		<i>Single</i>	<i>7/8</i>	<i>two</i>	<i>7/8</i>	<i>2x</i>	<i>Strapped</i>
" DBLG. (if any)			✓								
BOTTOM PLATING, No. of Strakes		<i>26</i>	<i>24</i>	<i>24</i>							<i>Lapped</i>
BIDGE PLATING, No. of Strakes		<i>26</i>	<i>24</i>	<i>24</i>							
SIDE PLATING, No. of Strakes			✓								
UPPER DECK, Sheer-strake in Wells	<i>42</i>	<i>30</i>	<i>26</i>	<i>26</i>							<i>Strapped</i>
UPPER DECK, Sheer-strake in Bridge ...			✓								
STRAKE BELOW SHEER-strake in Wells		<i>26</i>	<i>24</i>	<i>24</i>							<i>Lapped</i>
STRAKE BELOW SHEER-strake in Bridge ...			✓								
POOF SIDE PLATING			✓								
BRIDGE SIDE PLATING ...			✓								
FOREOTLE SIDE PLATING			✓								

Total No. of W.T. BULKHEADS in Vessel _____

Extending to Upper Deck (Sec. 3 c) _____ 5

“ Deck next below _____ ✓

As per Rule _____ 14

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar <i>Pl. plate</i>		✓		
STEM	<i>Roller</i>	<i>6 x 1 1/8</i>	<i>Baldwin Vanhan</i>	
STERN FRAME	Propeller Post { <i>Forging</i> { Rudder "	<i>5 1/2 x 1 1/2</i>	<i>Forster</i>	
RUDDER—A x D		<i>50.0</i>		
Speed of Vessel				
RUDDER mainpiece at head	<i>Forging</i>	<i>1 1/4</i>	<i>Forster</i>	
" " heel		<i>3/4</i>		
" how constructed		<i>forged & rivet</i>		
" double or single plate		<i>single</i>	<i>60</i>	
" coupling, vertical or horizontal		✓		

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth process*
Consett I. Co. Ltd. Appleby I. Co. Ltd. Dorman Long & Co. Ltd.
Bolckow Vaughan & Co. Ltd. Caryl Fleet I. Co. Ltd.
 Has the Steel been tested as required by the Rules? *Yes.*

[illegible]

Number of Certificate.	Length and size supplied.		Test per Certificate. Statutory.	WEIGHT OF CHAIN CABLE.				Length and Size per Fable 63.	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 63.	
	Length.	Diam.		Supplied.	Per Rule.	Length.	Diam.						Per Rule.	Length.		Clr.	Length.
	Fathoms.	Ins.	Tons.	Owts.	qrs.	lbs.	Owts.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.
95389	120 1/2	1	18 27	61	2	24	57 6	120	1	Steel Wire	Willamson & Sons	N., 9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923					

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

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

Ceiling in Holds, thickness and material *✓* Cargo Batts., 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. M. 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 (downcom), Steering gear etc have been tested and found satisfactory.

The amount of Entry Fee £ 3 : 0 : 0 / Fees applied for, 27 July 1930. *as m*

Special Survey Fee.... £ 25 : 10 : 0 Received by me, 23.7.30

W.H. Travelling Expenses, if any £ 1 : 18 : 3

I am of opinion the Vessel should be Classed *+ A1*
"For Towing Services"
"For service on the Rivers Parana and Paraguay"

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

Signature *M. Malcolm*
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Heed* Date of issue *24/7/30.*

Committee's Minute

Character assigned

FRI 25 JUL 1930

+ A1

For Towing Services

For Service on the Rivers Parana & Paraguay

Lloyd arch.

White with

with Eng. Oils.

+ dmb 7.30 of.

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 herewith:—

Midship Section

Profile Deck

N.V. Bulkheads

Rudder & Stern Frame

Shaft Brackets

Drumming Arrgt.

Pipe Arrgt. (2 plans)

Forging Reports (3)

Steel Invoices

approved

Sister Vessel "Salvador", Cochranes Yard No 1079, Hull F.E. Report No. 40969.

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) 18k. 1/2 part teak wood sheathed.

Official No. ^{none} ~~allotted~~; Signal Letters

particulars of composition ^{Paint} Is bottom of Vessel coated with cement ☒ Yes if not give

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,	10.0	19.0
Double bottom, if under Engines only,			Deep tank, aft,	11.0	30.0
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		
Total capacity of double bottom					

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

Order for Special Survey No. 1939

Date 9 Dec. 1929.

Dates of Surveys held while building

1920. Feb 20. 27. Mar 5. 7. 14. 25. Apr 2. 8. 25. 30. May 2. 8. 19. 23. 26. 29.
June 13. 25. July 4. 11. 15. 15.

Total No. of Visits 22

Lloyd's Register Foundation