

STEEL STEAMER OR MOTORSHIP.

Received at London Office FEB 1951

DISCLOSED 6420
SECTION 11 D.O.

Rpt. 1
- 1 MAR 1951
Date of completion of report 10th December 1950 Port of Rotterdam No. 33203
Survey held at Rotterdam Date First Survey 19th May 1948 Last Survey 2nd Dec 1950
On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Twin Screw Motor Tanker "LA PLATA" (Machinery of Hull No. 719)
State Type (Full Sounding, Complete Superstructure with or without Tonnage Openings) Full Sounding State Type of Erections Forecastle
TONNAGE under Tonnage Deck ... 9997.62 CLASS 100A1 State if with freeboard as condition of Class no
Do. of space or spaces between Tonnage Dk. and Upper Dk. }
Total
Gross Tonnage 11633.21
Net Tonnage 6533.05
REGISTERED DIMENSIONS.
FEET
531.7
68.2
370
Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 525
Breadth (greatest moulded) B 68
Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 37
1st Longitudinal Number (L x D) 10795
2nd Numeral L x (B + D) 54495
Framing Depth "d," at middle of length. See Sec. 3 (1d) 14.2
Proportions—Depth to Length—Uppermost continuous deck to top of keel Do. Long Bridge to top of keel 28' 8 1/2"
Built at Rotterdam
Launched 15 April 50 Yard No. 594
Builders V.T. Machinefabriek Schipmeyer van R. Amst. Jr.
Owners Yacimientos Petroliferos Escaltes
Managers do
Residence Buenos Aires
Port of Registry Buenos Aires
If surveyed while building, afloat, or in dry dock while building

FRAMES, DOUBLE BOTTOM AND BEAMS.

INCHES IN SHIP. mm	Any Departure from Approved Plans to be Noted.	INCHES IN SHIP. mm	Any Departure from Approved Plans to be Noted.
AMES, Spacing amidships, to frame 103 800		Bracket Floors, Frame	
" " from 1/2 length amidships to Collision bulkhead 685		" " Reversed Frame	
" " in peaks 610		" " Vertical Struts	
DE FRAMING.		Centre Girder, depth and thickness amidships 2250 19	
Frame Amidships, Angle, E or C 300 90 13		" " top Angles 8.11	
" " Extends up to main deck		" " bottom Angles 8.11	
Reversed Frame Amidships, Angle		Side Girders, No. each side and thickness 3 19	
" " Extends up to		Margin Plate depth (excl. of flange) and thickness	
Depth of Framing Girder		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	
Frames in Uppermost Continuous 'tween Decks, Angle, E or C		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	
" " Second 'tween Decks, Angle, E or C		" " Gussets, spacing and scantling abaft 1/2 len. from stem	
" " Third		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	
" " from 1/2 len. for'd. to 15% len. from Stem 200 90 11		Tank Side Brackets, height above base line at toe of Frame and thickness	
" " in Peaks, Angle or C 230 90 12		INNER BOTTOM PLATING.	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships 7/16 5/8		Breadth and thickness of Middle Line Strake 2750 32	
State if Frame Joggled		Thickness of remainder in Holds 15	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?		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?	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?		BEAMS.	
ANGLE BOTTOM. deep tank forward		Uppermost Continuous Deck, amidships in fore'd frame 103 Wells, Angle, E or C 230 90 11	
Floors, Depth and thickness at mid-line in Holds 11350 11 1/2		" " in way of Bridge, Angle, E or C 230 90 11	
Height of Brackets at side above base line at toe of frame 1050 thick 11 1/2		Spacing 685/610	
Middle Line Keelson, on Floors, Angles, E or C 8.11		Second Deck, amidships, Angle, E or C 230 90 12	
" " Through Plate or Inter-costal Plate through 12		Spacing 685/610	
" " Foundation Plate on Floors flat + 140.15		Third Deck, amidships, Angle, E or C 230 90 11	
" " Flat Plate Keel Angles 100 100 14		Spacing 685	
Side Keelsons, No. each side one		Fourth Deck, amidships, Angle, E or C	
" " thickness of Inter-costal Plate 11		Spacing 250 90 9 1/2	
" " Angles 8.11		Poop Deck, Angle, E or C 230 90 11	
DOUBLE BOTTOM. in E.R.		Spacing 200 95 9	
Solid Floors, thickness and spacing 12-15 every 10 ft as per plan		Bridge Deck, Angle, E or C 150 75 7 1/2	
" " Are Frame and Reversed Frame joggled? 2.11		Spacing 800	
Bracket Floors, breadth and thickness at middle line		Forecastle Deck, Angle, E or C 200 75 9	
" " breadth and thickness at margin plate		Spacing 685/610	

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.	Number Certified
PILLARS, No. of Rows	✓				
" in 'tween Decks, Size and Spacing					
" " " " "					
" in Holds " " "					t. 1*.
" " " " "					
Centre Line Bulkhead. Stiffeners and Spacing	✓				F
Plating; thickness of					g of L
STRINGERS AND DECKS.	✓				
Uppermost Continuous Deck.					in Br
Stringer Plate, breadth and thickness in Wells	200 22 ✓				from U
" " " " in way of Bridge	200 22 ✓				ek- (
" Angle in Wells	204 204 22 ✓				ers
Thickness of Plating abreast Deck openings } in way of Wells	22 ✓				
Thickness of Plating abreast Deck openings } in way of Bridge.....	22 ✓				
Thickness of Plating within line of openings...	22 ✓				
If Sheathed, material and thickness.....	✓				
Second Deck. fwd fr 103	9 1/2 ✓				
Stringer Plate, breadth and thickness in Wells	8 ✓				
Stringer Plate, breadth and thickness in way } of Bridge					
Thickness of Plating abreast Deck openings } in way of Wells	fwd 103 8 1/2 ✓ abst 50 8 ✓				
Thickness of Plating abreast Deck openings } in way of Bridge.....	fwd 103 8 1/2 ✓ abst 50 8, 10, 13 ✓				
Thickness of Plating within line of openings.					
If Sheathed, material and thickness.....	✓				
Third Deck.					
Stringer Plate, breadth and thickness.....	11 ✓				
If Plated, state thickness	11 ✓				
Fourth Deck.					
Stringer Plate, breadth and thickness.....	✓				
If Plated, state thickness.....					
Poop Deck.					
Stringer Plate, breadth and thickness.....	200 12 ✓				
Plating, Sheathing, material and thickness ...	11, 7 1/2 2 1/2" leak				
Bridge Deck.					
Stringer Plate, breadth and thickness.....	19 70 6 ✓				
Plating, Sheathing, material and thickness ...	6 2 1/2" leak				
Forecastle Deck.					
Stringer Plate, breadth and thickness.....	10 50 10 ✓				
Plating, Sheathing, material and thickness...	12 1/2 9 1/2				

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>only for 1/2 aft</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.		
Flat Plate Keel.....	2000	25 ^{m m}	25 ^{m m}	22		e.w						
„ Dblg. (if any)		✓										
Bottom Plating, No. of Strakes 3	2250	22	22	17 1/2		e.w						
Bilge Plating, No. of Strakes 2	2200	22	14	16	2 landings riveted	double	1	100				
	2250	22	18	18	lower landing	e.w						
Side Plating, No. of Strakes 3	1900	17 1/2	19	13 1/2		e.w						
				12 1/2								
Upper Deck, Sheer-strake in Wells.....	1550	28	19	12	in way of tanks	e.w						
Upper Deck, Sheer-strake in Bridge ...	1550	34/28			for'd & aft riveted	double	1	104				
Strake below Sheer-strake in Wells.....	1800	22	19	13 1/2		e.w						
Strake below Sheer-strake in Bridge ...												
Poop Side Plating.....	1100			10 1/2		single	3/4	85				
Bridge Side Plating.....	1200	11 1/2			e.w and riveted	single	3/4	89				
Forecastle Side Plating	1200		11 1/2			single	3/4	89				

all butts electrically joined

edges sheer strake, bilge plating & bottom plating for'd and aft riveted 1" rivets, spacing 14" on bilge edges side plating 7/8" d. aft on inside tanks riveted 7/8" rivets, spacing 100" on double

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—
Extending to Upper Deck (Sec. 3 c) 14 ✓
„ Deck next below
As per Rule

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	V	m m		
STEM	Contours plate	24		
STERN FRAME	Propeller Post	crushing as per spec	Maryland Key	
	Rudder	20	Wheel	
Speed of Vessel		16 knot		
RUDDER—Type		Areamlined	no special type	
" A X D		939	113	
" Diam. of head		448		
" Mainpiece at top pintle		rudder constructed		
" " heel		as box girder	C. W.	
" how constructed				
" double or single plate		double plate		
" coupling, vertical or horizontal		horizontal		

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
<i>Longitudinal bulkheads</i>						
MIDSHIP	BULKH'D, Upper 'tween decks	13/2, 10/2	280.90.13/2	800		
	<i>bulkhead frame 101.</i>	13/2, 9	250.100.14/2	450		
"	" <i>Second</i>	13, 12, 9	2340.100.13	450/600		
"	" <i>Third</i>					
"	" <i>Holds</i>					
COLLISION	" (in Hold)	12, 7/2	250.75.9 250.90.11	450/600		
AFTER PEAK	"	12, 7/2	225.90.14/2	660		

STEEL.

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

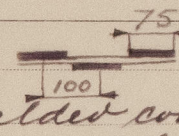


Colville, Appleby, Birmingham Steel Co., Sonnan, Hong & Co., Ron Ned

Kragoerens & Haalfabrieken

Has the Steel been tested as required by the Rules? *yes*

PARTICULARS OF LONGITUDINAL FRAMING.

La Plata

FRAMING.	AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.				
	In Ship.			In Ship.				Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.	
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		Speng.	Ins.		Number.	Diameter.
g of L L or C	400	110	15/18	l.w. to bottom				Shroud thickness 4 1/2 mm l.w.	Frames carried through bulk.			
in Bridge 'tween Decks ...							welded continuous in tank top					
from Uppermost Continuous Deck (upper) No. 1	660	10	1/2	150	Connected to bulkhead stringers				12" 4" 40" 60"			
ers (lower) No. 2	790	10 1/2	1/2	150	20				15" 4" 41" 62"			
No. 4												
No. 5												
No. 6												
No. 7												
No. 8												
No. 9												
No. 10												
No. 11												
No. 12												
No. 13												
No. 14												
No. 15												
No. 16												
ng of longitudinal nes	Amidships			750								
	At Ends			750								
Tank Top Longitudinals												
Bottom												
g of Longitudinals	Amidships											
	At Ends...											
No A.B.T. in way of longitudinal framing												
Transverses.												
le Decks)	Depth and Thickness											
	Face Angles											
	Lugs to Shell*											
old)	Depth and Thickness											
	Face Angles											
	Lugs to Shell*											
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ally of Transverse Frames	Depth and Thickness											
	Face Angles											
	Lugs to Shell*											
State if joggled or liners.	Depth and Thickness											
	Face Angles											
	Lugs to Shell*											
udinal	Depth and Thickness											
	Face Angles											
	Lugs to Shell*											
s of W or E	Depth and Thickness											
	Face Angles											
	Lugs to Shell*											
Third	Depth and Thickness											
	Face Angles											
	Lugs to Shell*											

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

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.)

Plans approved and retained in London Office
Midship Section, Profile and Decks, Shell Expansion, Frames in Poop,
Bridge and Forecastle, After Body, Sternframe, Revised Ropelling Brack
Welding Details, Upper Deck aft, Oil Tight Hatchways, Double Bottom,
Fore Body, Superstructure Decks

Copies of the following certificates enclosed:

Steering Engine
Cylinder Crosshead
Main Screw Shaft Bracket
Sternframe
Rudder Head
Rudder Arms
Interim Certificate

A copy of the Interim Certificate has been forwarded to the Buenos
Aires Surveyors for transmission to the Government Authorities

This report refers only to the transverse framing particulars;
the report on longitudinal framing particulars is attached

Verification Form on Freeboard Markings is attached

PARTICULARS OF ELECTRIC WELDING (if employed)

All welded except:
Stringer and bar amidships, deck beams, transverse
side frames, edges of bilge strake and edges of shell plating
forward and aft.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Carrying Petroleum in bulk, Cruiser Stern
Part electrically welded, Radar, D.F. & S.D.

RADAR Equipment (State if fitted) *yes*

State Type or Pattern No. 1400 E.C. 1400 F

State Name of Maker, *Harmon International Communications*
and/or Supplier, *Radio Holland*

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

1st Bower	66.3.14	R.L.	3900	7.10.49
2nd "	66.2.24	R.L.	3902	7.10.49
3rd "	50.2.26	R.L.	3099	20.9.49

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 140.8 ft., R.Q.D. ft., Bridge 49.4 ft., Forecastle 52.0 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. Signal Letters Extreme Breadth over Belting (Circ. 1611) Over-all Length (Circ. 1703) 557.7

No. and Material of Decks one steel

Parts of Bottom of Vessel coated with cement or approved composition Fore and After Peak Tank cement washed

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—

(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
(Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	20.6	187
Double bottom, under Engines and Boilers,			After peak tank,	26.0	220
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	36.3	444
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 1023

Date 20-4-40

Dates of Surveys
held while building

1948 19/5, 9/7, 28/9, 11, 21, 26/10, 16/11, 28/12
1949 8, 11, 16, 17, 18, 27/5, 14, 20, 20/6, 18/7, 11, 25/8, 1, 7, 24, 27/9
10, 21, 27/10, 1, 4, 10, 15, 18, 22, 29/11, 7, 12, 19, 29, 30/12
1950 4, 6, 10, 17, 19, 21, 25/1, 2, 4, 9, 7/8, 11, 13, 15, 17, 20, 22, 24/2
1, 3, 7, 16, 21, 28/3, 13, 15/4, 12/7, 27/10, 2, 6, 8, 9, 16, 20, 25/11
2/2

Total No. of Visits 70

For S.S.O.F. see main ship "San Lorenzo" yd No. 598.