

RECEIVED

31 MAY 1951

IN D.O.

Date of completion of report

6th April 1951

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

Port of

Rotterdam

No.

33544 A

Survey held at

Rotterdam

Date First Survey

19th May 1948

Last Survey

17th March 1951

On the

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

Twin Screw Motor Tanker "SAN LORENZO" Machinery fitted

State Type

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

Full Scantling

State Type of Erections

Pops, Bridge, Forecastle

TONNAGE under Tonnage Deck ...

9997.62

CLASS

100A1

State if with freeboard as condition of Class

no

Built at

Rotterdam

Launched

23rd Dec 1950 Yard No. 598

Builders

N.T. Machinefabriek & Scheeps-
werf van Rotterdam

Owners

Yacimientos Petroliferos Fiscales

Managers

do

(Where necessary to be entered in Reg. Book)

Residence

Buenos Aires

Port of Registry

Buenos Aires

If surveyed while building, afloat, or in dry dock

while building

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

Total

Gross Tonnage

11673.73

Register Tonnage

6526.12

REGISTERED DIMENSIONS.

FEET

Length

53.7

Breadth

60.2

Depth

37.0

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

L 52.5

Breadth (greatest moulded)

B 60

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

D 37

1st Longitudinal Number (L x D)

18795

2nd Numeral L x (B + D)

54495

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

✓

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

14.2

Do. Long Bridge to top of keel

Draught Moulded

28' 0 1/2"

FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP. mm	Any Departure from Approved Plans to be Noted.		IN SHIP. mm	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	800 ✓		Bracket Floors, Frame	✓	
" " from length amidships to Collision bulkhead	685 ✓		" " Reversed Frame		
" " in peaks	610 ✓		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	2250 19 ✓	
Frame Amidships, Angle, E or F	300 90 13 ✓		" " top Angles	L.W. ✓	
" " Extends up to	main deck ✓		" " bottom Angles	L.W. ✓	
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 F	✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, E or F	✓		" " 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	280 90 11 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	11 as per plan	
" " in Peaks, Angle or F	250 90 13 1/2 ✓				
Diameter and Spacing of Rivets through transverse Frame and Shell Plating amidships	7/8" 5' 2d ✓		INNER BOTTOM PLATING.		
State if Frame Joggled	no ✓		Breadth and thickness of Middle Line Strake	2750 32 ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	yes ✓		Thickness of remainder in Holds	15 ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	yes ✓		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?	yes ✓	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	1100 11 1/2 ✓		Uppermost Continuous Deck, amidships in Wells, Angle, E or F	230 90 11 ✓	
Height of Brackets at side above base line at toe of frame	1850 thickness 11 1/2 ✓		" " in way of Bridge, Angle, E or F	250 90 11 ✓	
Middle Line Keelson, on Floors, Angles, E or F	L.W. ✓		" " Spacing	230 90 11 ✓	
" " Through Plate or Inter-costal Plate	through 12 ✓		Second Deck, amidships, Angle, E or F	230 90 12 ✓	
" " Foundation Plate on Floors	flat 14 1/2 15 ✓		" " Spacing	165 75 8 ✓	
" " Flat Plate Keel Angles	100 100 14 ✓		Third Deck, amidships, Angle, E or F	230 90 11 ✓	
Side Keelsons, No. each side	one ✓		" " Spacing	685 ✓	
" " thickness of Inter-costal Plate	11 ✓		Fourth Deck, amidships, Angle, E or F	✓	
" " Angles	L.W. ✓		" " Spacing	250 90 9 1/2 ✓	
DOUBLE BOTTOM.			Poop Deck, Angle, E or F	250 90 11 ✓	
Solid Floors, thickness and spacing	12-15 as per plan ✓		" " Spacing	230 90 11 ✓	
" " Are Frame and Reversed Frame joggled?	L.W. ✓		Bridge Deck, Angle, E or F	150 75 7 1/2 ✓	
Bracket Floors, breadth and thickness at middle line	✓		" " Spacing	800 ✓	
" " breadth and thickness at margin plate	✓		Forecastle Deck, Angle, E or F	200 75 9 ✓	
			" " Spacing	685 ✓	

PILLARS AND DECKS.				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				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			
in Holds				Thickness of Plating abreast Deck openings in way of Bridge			
Centre Line Bulkhead.				Thickness of Plating within line of openings			
Stiffeners and Spacing				If Sheathed, material and thickness			
Plating, thickness of				Third Deck.			
STRINGERS AND DECKS.				Stringer Plate, breadth and thickness			
Uppermost Continuous Deck.				If Plated, state thickness			
Stringer Plate, breadth and thickness in Wells				Fourth Deck.			
" " " " in way of Bridge				Stringer Plate, breadth and thickness			
" Angle in Wells				If Plated, state thickness			
Thickness of Plating abreast Deck openings in way of Wells				Poop Deck.			
Thickness of Plating abreast Deck openings in way of Bridge				Stringer Plate, breadth and thickness			
Thickness of Plating within line of openings				Plating, Sheathing, material and thickness			
If Sheathed, material and thickness				Bridge Deck.			
Second Deck.				Stringer Plate, breadth and thickness			
Stringer Plate, breadth and thickness in Wells				Plating, Sheathing, material and thickness			

SCANTLINGS.				RIVETING.			
AS IN VESSEL.		ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.		EDGES.		BUTTS.	
STRAKES.				State if beveled.			
				RIVETS.		RIVETS.	
				Diam.		Diam.	
				Spacing		Spacing	
				Inches.		Inches.	
Flat Plate Keel				e.w.			
" Dblg. (if any)				e.w.			
Bottom Plating, No. of Strakes				e.w.			
Bilge Plating, No. of Strakes				e.w.			
Side Plating, No. of Strakes				e.w.			
Upper Deck, Sheer-strake in Wells				e.w.			
Upper Deck, Sheer-strake in Bridge				e.w.			
Strake below Sheer-strake in Wells				e.w.			
Strake below Sheer-strake in Bridge				e.w.			
Poop Side Plating				e.w.			
Bridge Side Plating				e.w.			
Forecastle Side Plating				e.w.			

WATERTIGHT BULKHEADS.				FORGINGS AND CASTINGS.			
Total No. of W.T. BULKHEADS in Vessel—				Casting or Forging.	Castings. mm	Maker's Name.	Any Departure from Approved Plans to be Noted.
Extending to Upper Deck (Sec. 3 c) 14							
Deck next below							
As per Rule							
STIFFENERS.							
Plating Thickness.				VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
Longitudinal				3 1/2-10 1/2	200 90 1 1/2	800	
MIDSHIP BULKHEADS				1 1/2-9	250 100 1 1/2	750	
First				13 1/2-9	340 100 1 1/2	750	600
Second							
Third							
Holds				12 1/2-9	150 150 9	750	600
COLLISION							
(in Hold)				12 1/2-9	250 90 1 1/2	600	
AFTER PEAK				12 1/2-9	250 90 1 1/2	600	
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).				New Zealand			
Colville, Appleby Roddingham Steel Co, Dorman Long & Co							
Kon. Nederl. Hoofden & Plaafabrieken							
Has the Steel been tested as required by the Rules?				yes.			

KEEL, Bar	✓		
STEM	Contour plate	24	20 x
STERN	Contour plate	20	20
FRAME	Contour plate	20	20
	Rudder	16	16
Speed of Vessel			
RUDDER—Type	Streamlined; no special		
	A × D	939 ft 3	
	Diam. of head	420	
	Mainpiece at top pintle	Rudder constructed	
	heel	as box girder	
	how constructed	etc.	
	double or single plate	double plate	
	coupling, vertical or	horizontal	
	horizontal		

EQUIPMENT No. 57600										LETTER 91		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.				
4760	1st Bower	110	0	0	✓			710	0	0	95	✓	Trilamne	Richard L. L.	Metherdon 30.11.49
4759	2nd "	100	2	0	✓			70	12	2	0	✓	"	"	" 30.11.49
4770	3rd "	93	2	14	✓			65	0	0	0	✓	"	"	" 30.11.49
	Collective weight	312	0	14								271	✓	"	" 30.11.49
4757	Stream	32	2	14	8	1	0	30	11	3	4	✓	from forward steel	"	" 23.11.49

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.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.	Length.	Cir.
	Fathoms.	Ins.	Tons.	qrs.	Cwts.	qrs.	Ins.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.		
4169	450	2 3/4	590	0.05	206764 lbs.		1800	330	2 1/2	cast steel	Ballot								
			100 lbs.																
			267	3927															

Steering Gear, Type (Power or hand) *4 Cylinder Rapson slide electric hydraulic (Brown Bros) directed by telemotor from bridge working on 2 separate pumping units* Alternative Means of Steering *as standby equipment a steering pedestal fitted directly on board deck working directly on steering engine*

Steering Chains (Size and Test) *✓* Windlass *steam driven* Boats *6*

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

Hatchways.—(Upper Deck) *plates and sections* Thickness of Hatches *steel 12 1/2 mm*

Hatchways No. 1 (Fore) *dry cargo* No. 2 *180. 6200* No. 3 *hold* No. 4 *hatchways over tanks* No. 5 *8 9 15. 675* No. 6

of Shifting Beams Fore and Afters

Builder's Signature *MACHINEFABRIEK & SCHEEPSWERF VAN R. SMIT JR. N.V.* *ONDER-DIRECTEUR*

DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel *motor* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *oil tanker*. The positions in which oil is carried as fuel *ships* should be indicated, together with the flash point (where required to be inserted in the Notation).

Ship has been built under Special Survey in conformity with the Society's Rules and Regulations and Secretary's letters. The scantlings and arrangements of the ship are as on the report and as shown and amended on the approved plans now forwarded. All modifications and additions to the original approved arrangement made during construction have been indicated on the plans and have been approved as being in accordance with or by standards equivalent to the Rule requirements. The plan of Midship Section and Profile & Decks showing the ship as built now forwarded herewith have been checked with the approved arrangement and found in order.

PT, all DBT and bunkers, cargo tanks, deep tanks, cofferdams and all other built-in tanks have been tested under pressure; manhole covers tested with hose and found tight and m.e. bulkheads

Steering gear and windlass tested in working condition and found to satisfaction

The amount of Entry Fee..... £	Fees applied for, 24/2 19 57	(Special notations, where part of class, to be stated.)
Special Survey Fee..... £200 74/-	Received by me, 14/3 19 51	
Travelling Expenses, if any..... £ 73.-		
State whether the Vessel has been built under Special Survey <i>yes</i>	I am of opinion the Vessel should be Classed <i>+100A1</i>	
Certificate to be sent to <i>Owners via Rotterdam</i>	Signature <i>J. van der Weel</i>	Signature <i>J. Wiskoot</i>
Date of issue <i>19/6/51</i>	Surveyor to Lloyd's Register of Shipping.	

Committee's Minute *✓* **FRI. 15 JUN 1951**

Character assigned *+100A1 "Carrying Petroleum in bulk"*

Lloyd's A+ C.P. *+ LMC 3.51 Oil Eng.* *C.L.* *(with endorsement)*

2 WTD 18016 *2 DB 18016*

J.H.P. **CLASSIFICATION CERTIFICATES WRITTEN**

010652 - 010661 - 001233

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 & Deck, Shell Extension, Frames in Poop, Bridge and Forecastle, After Body, Sternframe and Revised Propeller Brackets, Holding Details, Upper Deck aft, Oil Tight Hatchways, Double Bottom, Fore Body, Superstructure Decks.

Copies of the following certificates enclosed:

Iron Screw Shaft Brackets

Sternframe

Rudder Head

Rudder Arms

Interim Certificate

Steering gear and tiller crossleaves

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

A report on particulars of Longitudinal framing is attached

Echo sounding Devices of the closed type are situated between 576.50 m the cofferdam of the D.B.T. P.S.

PARTICULARS OF ELECTRIC WELDING (if employed) *all welded except*

Struts & bar amidships, deckbeams, 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, and electrically welded, Radar, D. F. C. S. I.

RADAR Equipment (State if fitted) *yes*

State Type or Pattern No. *1400 Eo 14000 F*

State Name of Maker and/or Supplier *Radio Holland Marine Communication*

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

1st Bower	<i>66.2.0 R.L.</i>	<i>3911</i>	<i>4.11.49</i>
2nd "	<i>65.1.21 R.L.</i>	<i>3910</i>	<i>1.11.49</i>
3rd "	<i>55.3.7 R.L.</i>	<i>3025</i>	<i>7.12.49</i>

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 _____ Over-all Length *557.7* (Circ. 1611) (Circ. 1703)

No. and Material of Decks *one, steel*

Parts of Bottom of Vessel coated with cement or approved composition *Fore & 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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,	<i>20.6</i>	<i>187</i>
Double bottom, under Engines and Boilers,			After peak tank,	<i>26.0</i>	<i>229</i>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	<i>36.3</i>	<i>444</i>
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. *1039*

28.4.48

Dates of Surveys held while building

1948 19/5, 9/7, 22/9, 1.2.26/10, 20/12
1949 10.22, 24/9, 10.21/10, 22.29/11, 4.12, 19.29/12
1950 4.17, 25/1, 1.11, 17.22/2, 3.7, 14, 16, 31.24, 28/3, 6.22, 26/4, 9.15, 22/5, 20/6, 9.12, 17.20, 26/7, 15.16, 18.21, 22.23, 25.30/8, 2.5.7.8, 11.14, 13.16, 20.22, 27.28/9, 4.6, 21/10, 16.30/11
1951 15.21, 28/2, 2.5.6.7.8/3 17/3

Total No. of Visits *75*