

STEEL STEAMER OR MOTORSHIP.

Received at London Office 9 APR 1951

State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel YesDate of completion of report 4th April, 1951 Port of Gothenburg No. 18115Survey held at Uddevalle Date First Survey 22nd October, 1948 Last Survey 22nd March, 1951On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Twin Screw Motor Tanker "I S L A S O R C A D A S" (Machinery fitted aft)State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full scantling State Type of Erections Poop and Forecastle

TONNAGE under Tonnage Deck ...	8021.75	CLASS <u>+100A1</u>	State if with freeboard as condition of Class <u>No</u>	Built at <u>Uddevalle</u>
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)	L <u>480.8</u>	Launched <u>25th April, 1950</u> Yard No. <u>112</u>
Total	---	Breadth (greatest moulded)	B <u>64.0</u>	Builders <u>Uddevallevarvet A-B</u>
Gross Tonnage	9808.94	Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)	D <u>35.5</u>	Owners <u>Argentine Government (Yacimientos Petroliferos Fiscales)</u>
Register Tonnage	5581.63	1st Longitudinal Number (L x D)	<u>16588</u>	Managers <u>---</u>
		2nd Numeral L x (B + D)	<u>47359</u>	(Where necessary to be entered in Reg. Book)
		Framing Depth "d," at middle of length. See Sec. 3 (1d)	<u>---</u>	Residence <u>Buenos Aires</u>
		Proportions—Depth to Length—Uppermost continuous deck to top of keel	L/D <u>13.55</u>	Port of Registry <u>Buenos Aires</u>
		Do. Long Bridge to top of keel	<u>---</u>	<u>not</u> surveyed while building, afloat, <u>and</u> <u>not</u> in dry dock
		Draught Moulded	<u>27' - 4"</u>	<u>Yes</u> (Undocked 14th March, 1951).

REGISTERED DIMENSIONS.

	Metres
Length	<u>154.67</u>
Breadth	<u>19.55</u>
Depth	<u>10.80</u>

FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP.	Any Departure from Approved Plans to be Noted.		IN SHIP.	Any Departure from Approved Plans to be Noted.
machinery space					
FRAMES, Spacing amidships	825	✓	Bracket Floors, Frame		
deep tank			Reversed Frame		
from 1/2 length amidships to Collision bulkhead	671	✓	Vertical Struts		
in peaks	610	✓	Centre Girder, depth and thickness amidships	2000 x 12.5	
SIDE FRAMING.			top Angles	5.5 5.5	
Frame Amidships, Angle, [or]	Longitudinal		bottom Angles	5.5 5.5	
Extends up to	Longitudinal		Side Girders, No. each side and thickness	4 x 19/13	
Reversed Frame Amidships, Angle	framing. See		Margin Plate depth (excl. of flange) and thickness	Tank top	
Extends up to	Rpt. 1* att.	✓	Vertical Angle to Tank side	extends	
Depth of Framing Girder	Engine Room 16 - 24		Bracket abaft 1/2 len. from stem	to shell	
Frames in Uppermost Continuous Decks, Angle, [or]	203 101 11	✓	Vertical Angle to Tank side		
Second 'tween Decks, Angle, [or]	Longitudinal		Bracket from forward 1/2 len. from stem to Panting Area		
Third	framing. See		Gussets, spacing and scantling abaft 1/2 len. from stem		
from 1/2 len. for'd. to 15% len. from Stem	Rpt. 1* att.	✓	Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		
in Peaks	203 101 11	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	2000	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	Welded	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	No	✓	Breadth and thickness of Middle Line Strake		
Are the scantlings and arrangements in the Panting Area, in accordance with the Rules and/or as approved?	Yes	✓	Thickness of remainder in Holds		
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?	14 Yes	
SINGLE BOTTOM, forward in deep tank			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	1200 x 11 - 152 x 13 flb.	✓	Uppermost Continuous Deck, amidships in Wells, Angle, [or]		
Height of Brackets at side above base line at toe of frame	to long-fr.	✓	in way of Bridge, Angle, [or]		
Middle Line Keelson, on Floors, Angles, [or]	Centre line	✓	Spacing		
Through Plate or Inter-costal Plate	bulkhead		Second Deck, amidships, Angle, [or]		
Foundation Plate on Floors			Spacing		
Flat Plate Keel Angles			Third Deck, amidships, Angle, [or]		
Side Keelsons, No. each side	2	✓	Spacing	Longitudinal	
thickness of Inter-costal Plate	11 + 150 x 12 flat bar	✓	Fourth Deck, amidships, Angle, [or]	framing. See	✓
Angles	Welded	✓	Spacing	Rpt. 1* att.	
DOUBLE BOTTOM, in machinery space.			Poop Deck, Angle, [or]		
Solid Floors, thickness and spacing	11 x 825	✓	Spacing		
Are Frame and Reversed Frame joggled?	No	✓	Bridge Deck, Angle, [or]		
Bracket Floors, breadth and thickness at middle line			Spacing		
breadth and thickness at margin plate			Forecastle Deck, Angle, [or]		
			Spacing		

PILLARS AND DECKS.

[illegible]

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			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.....	2300	23.0	20.5	20.5								
„ Dblg. (if any)				20.5								
Bottom Plating, No. of Strakes .. 3		17.5	19.5	14.0								
Bilge Plating, No. of Strakes .. 1		17.5	—	13.5								
Side Plating, No. of Strakes .. 2		16.0	12.0	12.0								
Upper Deck, Sheer- strake in Wells.....	2100	24.0	12.0	12.0								
Upper Deck, Sheer- strake in Bridge ...												
Strake below Sheer- strake in Wells.....		16.0	12.0	12.0								
Strake below Sheer- strake in Bridge ...												
Poop Side Plating.....				10.0								
Bridge Side Plating.....		10.0										
Forecastle Side Plating			11.0									

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— ✓
 Extending to Upper Deck (Sec. 3 c)..... 11 + 6 in centre tanks
 " Deck next below
 As per Rule..... 8

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar	---			
STEM	M.S.	205 mm	plate	✓
STERN { Propeller Post	Pt. cast	As per	Usines & Aciéries,	
FRAME { Rudder	Pt. rolled	plan	Allard	Cert. 1137
	M.S. plates			
Speed of Vessel	16 knots	✓		
RUDDER—Type	Semi-balance	✓		
" A × D. \approx 100	1526	✓	Ström-	
" Diam. of head	327	✓	mens	
" Mainpiece at top pintle	As per	✓	Verkst	Cert. 194
" " heel	appd	✓		
" " how constructed	plan	✓		
" double or single plate	Welded	✓		
" coupling, vertical or	15 mm	✓	Ström-	
" horizontal	Yes	✓	mens	Cert. 194
	Verkst	✓		
Open (state process of manufacture)	Open Hearth,	& EL. Furn.		

			Plating Thickness.	STIFFENERS.			
				VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP	BULKH'D,	Upper 'tween decks					
"	"	Second	"				
"	"	Third	"				
"	"	Holds	"				
COLLISION	"	(in Hold)	Fr. 95	12-7 1/2	127 x 89 x 95	610	Horizontal corrugation
AFTER PEAK	"	"	Fr. 15	11-7 1/2	127 x 89 x 101	610	As per plan approved

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
Vitkovice Steel Works, Domnarfvets Jernverk, Dorman, Long & Co., Bethlehem Steel Company, Colvilles,
ltd., Hüttenwerk Oberhausen, Hungarian State Iron Steel and Machine Works.
 Has the Steel been tested as required by the Rules? Yes. ✓

ANCHORS.

Number of Certificate.	Anchor.	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.	Cwts.					
30559	1st Bower	94	2	0	✓			65	7	2	0	✓	Byers Improved Type	W.L. Byers & Co.	LPH-LW 3.49 R.J.Vogan		
30586	2nd "	93	3	14	✓			65	0	0	0	✓	"-	"-	"-		
30591	3rd "	93	3	14	✓			65	0	0	0	✓	"-	"-	"-		
	Collective weight	282	1	0	✓							244.5 ✓					
30208	Stream	28	2	7	✓	7	2	14	27	11	3	14	✓	25 ✓	Steel Stock	"-	LPH-LW 3.48 R.J.Vogan

CHAIN CABLES.

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.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Fathoms	Ins.	Tons.	Fathoms	Ins.
	Fathoms	Ins.	Lbs.	Lbs.	Lbs.	Cwts.	Fathoms	Ins.					Fathoms	Ins.		Fathoms	Ins.			
3890-B	135	2 3/4	✓	✓	61745	989	300	2 9/16	Di-Lok	Baldt Anchor Chain & Forge Div.	Makers' works 19.4.49 - J.K.H.	TOWLINE	130	6 1/2	✓	112.3	130 5 1/2			
4105	150	"	✓	✓	68306			N.I.	"	"	9.1.50 - J.K.H.	HAWSERS & WARPS }	8x120	4	✓	44.9	2x100 2 3/4			
4153	150	"	✓	✓	68306				"	"	20.1.50 - J.K.H.			2x240	3 1/2	✓	35.2	2x100 2 3/4		
4155	15	"	✓	✓	6831				"	"	25.1.50 - J.K.H.									
4403	2 swivels	"	✓	✓	762				"	"	20.11.50 - R.G.S.K		"							
Stream Steel Wire	120	5 1/2 Cir.	✓	✓	84.4	--	120	4 3/4				"								

Steering Gear, Type (Power or hand) Electric Asea ✓ Lloyd's cert. FAD 8922 5063 Alternative Means of Steering 2 independent motors ✓
 --- 4a24' steel lifeboats
 Steering Chains (Size and Test) --- Steam Windlass Emerson Walker, Ltd. Boats. 2a24' steel lifeboats
Dry Cargo In dry cargo hold (30 persons, resp.25)
 Lifting in/Holds, thickness and material --- Cargo Battens/ thickness, material and spacing 2 x 4 à 9" ✓

go Hatchways. (Upper Deck) 10/11 mm. steel hatch coamings welded to deck ✓ Thickness of Hatches _____
 Cargo ✓ Vent. ✓ Dry Cargo ✓
 of Hatchways No. 1 ~~1770~~ 1770 x 670 No. 2 650 x 510 No. 3 5368 x 4596 No. 4 _____ No. 5 _____ No. 6 _____

number of Shifting Beams
and/or Fore and Afters } Steel cover 13 mm. W.T. 7.5 stiff. W.T.

Builder's Signature.

GENERAL 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 Motorship ✓
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo Tanker ✓ The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

A ship has been built under Special Survey in conformity with the Society's Rules and Regulations and the Secretary's orders. ✓ The scantlings and arrangements of the ship are as given in the report and as shown and amended on the approved plans now forwarded. ✓ All modifications or additions to the original approved arrangements made during the 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 plans of midship section and profile and decks showing the ship as built, forwarded herewith, have been checked with the approved arrangements and found in order. ✓ The tanks, cofferdams, cofferheads and decks have been tested in accordance with the Rules. ✓ The requirements of Section 20 and 20A of the Rules have been complied with where applicable. ✓ The ship is constructed to carry petroleum in bulk and oil fuel or water ballast in the forward double bottom tanks in engine room, the cross bunker tanks forward the engine room, and in deep tanks in dry cargo hold. ✓ The flash point of the oil fuel is above 150°F. ✓ Lubricating oil is carried in the double bottom tanks in the engine room and water ballast in fore- and after peak tanks. ✓ Fresh water is carried in the aft double bottom tanks in the engine room, in the counter tank and also in the fresh water 'tween deck tanks. ✓

P.T.O.

P.T.O.

Convention Freeboard		Fees applied for,
The amount of 2885 Fee.....	Kr. : 720:-	4/4 1951
Special Survey Fee.....	Kr. 23810:-	Received by me, — 19—
Sunday & Late Fees	Kr. 160:-	
<i>Travelling Expenses, if any</i>	Kr. : 880:60	

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed.....+100A1.....
Carrying Petroleum in bulk

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

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to.....**Gothenburg**

Date of issue

Committee's Minute

TUES. 24 APR 1951

Character assigned

100A1 Carrying Petroleum in bulk

351 Pl.

Lloyd's A+C.P.

+ LMC 3.51 Oil Eng.

C.L.

2 DB 150 lb

(with endorsement)

Lloyd's

1891

0161 2/3

Rpt. 1*.

M/T "ISLAS ORCADAS", of Buenos Aires.

30THENBURG FIRST ENTRY REPORT No 18115

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			RIVETING.	
		In Ship.			In Ship.			Rivets in Longitudinal Frames.	
		MM.	MM.	MM.	MM.	MM.	Diam.	Speng.	
Framing of L, L or C									
Frames in Bulkheads between Decks		152x101x9.5	152x101x9.5	152x101x9.5	152x101x9.5	152x101x9.5	4	4	
Frames from Uppermost Continuous Deck Keel 1-6 No.		400x11-105x20	400x11-105x20	400x11-105x20	400x11-105x20	400x11-105x20			
8-12		400x11-110x20	400x11-110x20	400x11-110x20	400x11-110x20	400x11-110x20			
13		380x11-110x20	380x11-110x20	380x11-110x20	380x11-110x20	380x11-110x20			
14		340x11-110x20	340x11-110x20	340x11-110x20	340x11-110x20	340x11-110x20			
15		270x10-110x20	270x10-110x20	270x10-110x20	270x10-110x20	270x10-110x20	5.5	5.5	
16		270x10-85x20	270x10-85x20	270x10-85x20	270x10-85x20	270x10-85x20			
17		270x10-85x20	270x10-85x20	270x10-85x20	270x10-85x20	270x10-85x20			
18		270x10-75x20	270x10-75x20	270x10-75x20	270x10-75x20	270x10-75x20			
19		228 101 16	228 101 16	228 101 16	228 101 16	228 101 16			
20		228 101 14	228 101 14	228 101 14	228 101 14	228 101 14			
21		228 101 13	228 101 13	228 101 13	228 101 13	228 101 13			
22		203 101 13	203 101 13	203 101 13	203 101 13	203 101 13			
23		203 101 11	203 101 11	203 101 11	203 101 11	203 101 11			
24		178 101 11	178 101 11	178 101 11	178 101 11	178 101 11			
25		178 101 9.5	178 101 9.5	178 101 9.5	178 101 9.5	178 101 9.5			
26		178 101 9.5	178 101 9.5	178 101 9.5	178 101 9.5	178 101 9.5			
Spacing of Longitudinal Frames		Amidships 700 - 760	At Ends 700 - 760						
Tank Top Longitudinals									
Bottom									
Amidships									
At ends...									
Transverses.									
Side between Decks		Depth and Thickness 325 x 10	325 x 10	325 x 10	325 x 10	325 x 10			
Face Angles		89 x 20.5	89 x 20.5	89 x 20.5	89 x 20.5	89 x 20.5			
Lugs to Shell		4 4	4 4	4 4	4 4	4 4			
Side in Hold		Depth and Thickness 900/1200 x 12	900x12	1000x12	900x12	1000x12			
Face Angles		125 mm. flange	152x25	304x25	152x25	304x25			
Lugs to Shell		5 5	4.5 4.5	5 5	4.5 4.5	5 5			
Bottom		Depth and Thickness 1300x12	2250x12	Wash bhd. in deep tank	Tr. floors in D.B.				
Face Angles		150 fl. 125 mm. fl.							
Lugs to Shell		5 5	5 5						
Back Bars									
Brackets		As per appd. plan							
Spacing of Transverse Frames		3160	3355	3300					
Longitudinal		Bridge Deck	152 89 9.5						
Upper		178 101 11							
Second		152 89 9.5							
Third		127 76 8							
Transverse Beams.		325x10 69x20.5							
880/920x12 160 mm. fl.									
270/400x10 51/178x20.5									
270/300x10 51/150x20.5									

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, &c., 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, &c., 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.)

The freeboards have been marked and cut in on the vessel's sides. Windlass and steering gear tested under working conditions on a trial trip. (The vessel was docked at A/S Akers Mek. Verksted, Oslo, and undocked on 14/3 1951).

As fitted plans, forwarded under separate cover:

Midship section

Longitudinal section and plans

Shell expansion

Approved plans (Forwarded with the First Entry Reports on the sister vessel "Islas Malvinas"):

Midship section

After peak

Auxiliary engine seatings

Longitudinal section and plans

Longitudinal frames (2)

Masts and derricks

Shell expansion

Girder in C.L.

Hatches to oil tanks

O.T. transverse bulkheads

Shaft pipes

Web frames, etc., in engine room

Longitudinal bulkheads

Upper deck

Tank top, floors, etc., in engine room

Fore peak

Poop deck

Cofferdam bulkhead and bulkhead No.45

Deep tank and dry cargo hold

Forecastle deck

Watertight von Tell hatch

Web frames in cargo tanks

Bridge deck

Deckhouse aft (3)

Sternframe

Deckhouse amidship (2)

Fresh water tanks in 'tween deck

Shaft brackets

Engine casing

Welding sequences

Rudder

Pump room casing

Various material certificates are being forwarded under separate cover.

N.B. Sister vessel: M/T "ISLAS MALVINAS", of Buenos Aires, Uddevallavarvet A-B. Yard No.111, Gothenburg First Entry Report No.17660.

PARTICULARS OF ELECTRIC WELDING (if employed) All welded, with electrodes on the Society's List of Approved Electr.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book
Carrying Petroleum in bulk, Electrically welded, Cruiser stern, Radar,
Wireless, Direction finder, Echo sounding device, Gyro Pilot.

RADAR Equipment (State if fitted) Yes
State Type or Pattern No. CR - 101 A
State Name of Maker Radio Corporation of America
of Serial No. 49290.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Head	60:1:14	LR	1328	A.E.G.	9.12.1949	Forged Steel Shank
	2nd	"	60:3:0	LR	1327	A.E.G.	9.12.1949	Forged Steel Shank
	3rd	"	60:2:14	LR	1318	A.E.G.	2.12.1949	Forged Steel Shank
	Stream							Electrically welded

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 112.8ft., R.Q.D. --- ft., Bridge --- ft., Forecastle 60.8 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 L U I S Extreme Breadth over Belting --- Over-all Length 516.6 (Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 deck (steel)

Parts of Bottom of Vessel coated with cement or approved composition Fresh water tanks 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.	Salt Water Capacity. Tons.	Where Fitted.	Length. Feet.	Salt Water Capacity. Tons.
Double bottom, aft, F.W. & F.O. or W.B.	75.8	246.9	Fore peak tank,	---	103.9
Double bottom, under Engines and Boilers, Fr.17-45	---	---	After peak tank,	---	403.8
Double bottom, if under Engines only,	---	---	Deep tank, aft, F.O. or W.B.	10.4	531.6
Double bottom, if under Boilers only,	---	---	Deep tank, forward, F.O. or W.B. Frs.45-46	33.0	302.9
Double bottom, forward,	75.8	246.9	Other tanks, if fitted, Cruiser stern F.W.	---	28.5
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 453

Date 14.4.1948

Dates of Surveys held while building

1948: October 22, November 22, December 20.
1949: January 24, February 21, March 14, 31, April 8, 21, 21, May 4, 31, June 7, 14, 20, July 26, 29, December 12, 19.
1950: January 3, 9, 16, 23, February 6, 9, 13, 20, 27, March 7, 10, 13, 20, 27, 28, 31, April 5, 11, 13, 17, 18, 20, 21, 24, 25, 25, 26, May 8, 11, 14, June 5, August 23, 28, 28, 31, September 11, 18, 21, 25, 28, October 2, 5, 12, 16, 19, November 2, 25, 30, December 11, 14, 18, 18.
1951: January 18, 29, February 5, 12, 16, 19, 22, 26, March 1, 8, 10, 11, 12, Total No. of Visits 87.
13, 19, 22.