

RECEIVED

24 AUG 1950

IN D.O.

STEEL ~~STEAMER~~ OR MOTORSHIP.

Received at London Office

24 AUG 1950

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

Date of completion of report. 22nd August, 1950 Port of Gothenburg No. 17660.

Survey held at Uddevalla Date First Survey 22nd October, 1948 Last Survey 22nd July 1950.

On the (State if Machinery fitted Aft and Single, Twin or Triple Screw) Twin Screw Motor Tanker "ISLAS MALVINAS" (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 } 8021.75  
Tonnage Deck ... }Do. of space or spaces }  
between Tonnage Dk. }  
and Upper Dk. }

Total ---

Gross Tonnage 9822.11

Register Tonnage 5565.00

## REGISTERED DIMENSIONS.

Metres

Length 154.67

Breadth 19.55

Depth 10.80

CLASS +100A1 State if with freeboard } No  
as condition of Class } FEETLength from fore part of stem to after part of stern } L 480.8  
post on summer L.W.L. See Sec. 3 (1a) }

Breadth (greatest moulded) B 64.0

Depth, at middle of length from top of keel to top } D 35.5  
of beam at side of uppermost continuous }D for numerals 34.5  
1st Longitudinal Number (L x D) = 16588

2nd Numeral L x (B + D) = 47359

Framing Depth "d," at middle of length. See } ---  
Sec. 3 (1d) }Proportions—Depth to Length—Uppermost con- } L/D 13.55  
tinuous deck to top of keel }Do. Long Bridge to } ---  
top of keel }

Draught Moulded 27' - 4"

Built at Uddevalla

Launched 30th November, 1949 Yard No. 111

Builders Uddevalla varvet A.-B.

Owners Argentine Government  
(Yacimientos Petroliferos Fiscales)Managers ---  
(Where necessary to be entered in Reg. Book)

Residence Buenos Aires

Port of Registry Buenos Aires

XXX surveyed while building, afloat, and in dry dock

Yes (Undocked 16th June, 1950 - Sandefjord)

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	MM. IN SHIP.	Any Departure from Approved Plans to be Noted.		MM. IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing machinery space 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 x 5.5	✓
Frame Amidships, Angle, [ or [			bottom Angles.....	5.5 x 5.5	✓
Extends up to.....	Longitudinal		Side Girders, No. each side and thickness.....	4 á 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 Bracket abaft 1/4 len. from stem .....	extends	✓
Depth of Framing Girder.....			Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area .....	to shell	
Frames in Engine Room 16 - 24 T	203 101 11	✓	Gussets, spacing and scantling abaft 1/4 len. from stem.....	---	
Second 'tween Decks, Angle, [ or [	Longitudinal		Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area .....	---	
Third .....	framing. See	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	2000	
from 1/2 len. for'd. to 15% len. from Stem .....	Rpt. 1* att.		INNER BOTTOM PLATING.		
in Peaks.....	203 101 11	✓	Breadth and thickness of Middle Line Strake...	---	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	Welded		Thickness of remainder in Holds .....	---	
State if Frame Joggled.....	No		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	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....	Yes		BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? .....	Yes		Uppermost Continuous Deck, amidships in Wells, Angle, [ or [		
SINGLE BOTTOM, forward in deep tank	1200 x 11 -	✓	in way of Bridge, Angle, [ or [		
Floors, Depth and thickness at mid-line in Holds.....	- 152 x 13 flb.		Spacing .....		
Height of Brackets at side above base line at toe of frame.....	to long.fr.		Second Deck, amidships, Angle, [ or [		
Middle Line Keelson, on Floors, Angles, [ or [	Centre line	✓	Spacing .....		
Through Plate or Inter-costal Plate .....	bulkhead		Third Deck, amidships, Angle, [ or [		
Foundation Plate on Floors .....	---		Spacing .....	Longitudinal	
Flat Plate Keel Angles .....	---		Fourth Deck, amidships, Angle, [ or [	framing. See	✓
Side Keelsons, No. each side.....	2	✓	Spacing .....	Rpt. 1* att.	
thickness of Inter-costal Plate	11 + 150 x 12 flat bar		Poop Deck, Angle, [ or [		
Angles .....	Welded	✓	Spacing .....		
DOUBLE BOTTOM, in machinery space.			Bridge Deck, Angle, [ or [		
Solid Floors, thickness and spacing .....	11 á 825		Spacing .....		
Are Frame and Reversed Frame joggled? .....	No	✓	Forecastle Deck, Angle, [ or [		
Bracket Floors, breadth and thickness at middle line .....	---		Spacing .....		
breadth and thickness at margin plate.....	---				



## PILLARS AND DECKS.

	MM. IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows .....		
" in 'tween Decks, Size and Spacing .....		
" " " " "		
" in Holds " " "		
" " " " "		
Centre Line Bulkhead, in fwd. deep tank. long stiff.		
Stiffeners and Spacing 228 x 101 x 13/14		
Longitudinal bulkheads in cargo tanks horizontally corrugated		
Plating, thickness of 11-9 mm. 3 ✓		
STRINGERS AND DECKS.		
Uppermost Continuous Deck.		
Stringer Plate, breadth and thickness in Wells 2750 x 20.5 ✓		
" " " " in way of Bridge 45°		
" Angle in Wells 12 3. ✓		
Thickness of Plating <del>10mm</del> 20.5 ✓		
Thickness of Plating abreast Deck openings in way of Bridge.....		
Thickness of Plating within line of openings...		
If Sheathed, material and thickness.....		
Deep tank top		
Second Deck.		
Stringer Plate, breadth and thickness in Wells 10 ✓		
Stringer Plate, breadth and thickness in way } of Bridge ..... 10 ✓		
Thickness of Plating <del>10mm</del> 10mm ✓		
Thickness of Plating abreast Deck openings } in way of Bridge.....		
Thickness of Plating within line of openings...		
If Sheathed, material and thickness.....		
Third Deck.		
Stringer Plate, breadth and thickness.....		
If Plated, state thickness .....		
Fourth Deck.		
Stringer Plate, breadth and thickness.....		
If Plated, state thickness.....		
Poop Deck.		
Stringer Plate, <del>10mm</del> thickness..... 9.65 where sheathed ✓		
Plating, Sheathing, material and thickness ... 8.5 ✓		
Bridge Deck.		
Stringer Plate, <del>10mm</del> thickness..... 7 where sheathed ✓		
Plating, Sheathing, material and thickness ... 9.5 ✓		
Forecastle Deck.		
Stringer Plate, <del>10mm</del> thickness..... 9.17 in way of windlass ✓		
Plating, Sheathing, material and thickness...		

## SHELL PLATING.

[illegible]

## 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 Strömstens	
FRAME {	Rudder " .....	Pt. rolled	plan Verksted	
		M.S. plates		
Speed of Vessel .....	16 knots	✓		
RUDDER—Type .....	Semi-balance	✓		
" A × D. x 100 .....	1526	Ström-	LL.16242	
" Diam. of head .....	327	mens	26.10.49	
		Verkst.		
" Mainpiece at top pintle .....	As per	✓		
	appd.	✓		
" " heel .....	plan.	✓		
" how constructed .....	Welded	✓		
" double <del>vertical</del> plate .....	15 mm.	Ström-		
" coupling, vertical <del>br</del> .....	Yes	✓	mens	
<del>vertical</del> .....	Yes	✓	Verksted	

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP	BULKH'D, Upper 'tween decks					
"	" Second "					
"	" Third "					
"	" Holds .....					
COLLISION	" (in Hold) Fr. 95	12-7.5	152x89x95	610	766	As per plan
AFTER PEAK	" " Fr. 15	11-7.5	127/152x	610	95/125	approved

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth.  
Carnegie-Illinois Steel Corp., S.A. John Cockerill, Colvilles Ltd., West Hartlepool Steel & Iron Works,  
Dorman, Long & Co., Appleby-Frodingham Steel Comp., Hüttenwerk Oberhausen, Lukens Steel Co., S.A. d'Ougree-  
Maryhaye, Raine & Co., Jones & Laughlin Steel Corp., Bethlehem Steel Comp., Vitkovize Steel Works Nat. Corp.,  
Stahl & Walzwerke Grossenbaum, Hüttenwerk Hoerde, Georgsmarien Hütte, Bethlehem Pacific Coast Steel Corp.  
 Has the Steel been tested as required by the Rules? Yes.



EQUIPMENT No. 50133

LETTER et

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.			
30350	1st Bower	94	1	7	✓			65	7	2	0	✓	Byers' Improved type W.L. Byers	LPH-DW 3.48 R.J. Vogan
30174	2nd "	94	2	0	✓			65	7	2	0	✓	- " -	& Co.
30346	3rd "	93	3	7	✓			65	0	0	0	✓	- " -	- " -
	Collective weight	282	2	14	✓						244.5			
30141	Stream	28	3	21	✓	7	2	10	27	17	2	0	✓	Steel Stock

## 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.	
	Fathoms	Ins.	Statutory.	Breaking.	Supplied.	Per Rule.	Fathoms	Ins.					Fathoms	Ins.	Tons.	Fathoms	Ins.
3936	285	2.3/4	✓	✓	130351	989	300	2 9/16	Di-Lok	Baldt Anchor	12.4.49 - J.K.H.	TOWLINE	130	6 1/2	112.3	130	5 1/2
3890	165	2.3/4	✓	✓	75467				Di-Lok	Chain & Forge Division	19.4.49 - J.K.H.	HAWSERS & WARPS	8x120	4	44.9	2x100	2 3/4
	450												2x240	3 1/2	35.2	2x100	2 3/4
Stream Steel Wire	120	5 1/2	✓	✓			120	4 3/4									

Steering Gear, Type (Power or hand) **Electric A.S.E.A.** **Lloyd's 451 S.A. 30.9.49** Alternative Means of Steering **2 independent motors**  
**4 a 24' steel life boats (32 persons)**  
Steering Chains (Size and Test) **---** Windlass **Emerson Walker Ltd. (Steam)** **2 a 24' steel motor life boats (28 persons)**  
Dry Cargo **in dry cargo hold**  
in Hold, thickness and material **---** Cargo Battens, thickness, material and spacing **2 x 4 a 9"**

Hatchways. (Upper Deck) **10/11 mm. steel hatch coamings welded to deck** Thickness of Hatches **---**  
Oil Cargo **Vent** **Dry cargo**  
Hatchways No. 1 **1770 x 670** No. 2 **650 x 510** No. 3 **35368 x 4596** No. 4 **---** No. 5 **---** No. 6 **---**

of Shifting Beams } **Steel cover** **15 mm. W.T.** **7.5 mm. stiff. W.T.**  
Fore and Afters } **(von Tell)**  
Builder's Signature

**UDDEVALLAVARVET**  
**AKTIEBOLAG**

*Lucy Lyngby*

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 **Tanker**  
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo **---** 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).  
The ship has been built in conformity with the Society's Rules and Regulations and the Secretary's letters. The fittings and arrangements are in accordance with, or equivalent to, those shown on the approved plans. The tanks, berths, bulkheads and decks have been tested in accordance with the Rules. The requirements of Section 20 and 4 of the Rules have been complied with where applicable. The ship is constructed to carry petroleum in bulk, and fuel or water ballast in double bottom tanks in engine room, the cross bunker tanks forward the engine room and deep tanks in dry cargo hold. The flash point of the oil fuel is above 150°F. Lubricating oil is carried in the bottom tanks in engine room and water ballast in fore- and after peak tanks. The freeboards have been marked out in on the vessel's sides. Windlass and steering gear tested under working conditions.

## Convention Freeboard

The amount of ~~XXXX~~ Fee **Kr. 720:-** Fees applied for, **21/8 1950**  
Special Survey Fee **Kr. 23830:-**  
Late Survey Fees **Kr. 440:-** Received by me, **---**  
Travelling Expenses, if any **Kr. 1876:40**

(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 *Harald Lunde*  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to **Gothenburg**

Date of issue **2/10/50**

Committee's Minute **✓**

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

**6.50 Sff.**  
**Lloyds A+C.P.**

**+LMC 7.50 Oil Eng. (with endorsement)**  
**G.L.**

**2 DB 150 lb**

**White. 9/10 (chem)**

**note for SRL.**

NORWEGIAN

0038 2/3



M/T "ISLAS MALVINAS", of Buenos Aires, GOTHENBURG FIRST ENTRY REPORT No 17660  
**PARTICULARS OF LONGITUDINAL FRAMING.**

FRAMING.		AMIDSHIPS.			ENDS.			RIVETING.	
		In Ship. MM.			In Ship. MM.			Rivets in Longitudinal Frames. Diam. Speng.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.
Framing of L, L or C									
Frames in 'tween Decks BR		152x101x9.5	Poep	152 x 101 x 9.5					
Frames from Upper Deck		400x11-105x20	Keel	152 x 101 x 9.5					
Keel 1-6 No. XX		400x11-110x20		Transverse fram.					
8-12		400x11-110x20		Transverse fram.					
13		380x11-110x20		Transverse fram.					
14		340x11-110x20		Transverse fram.					
15		270x10-110x20		Transv. fram. aft					
16		270x10-85x20		F 270x10-110x20	Transv. fram. forward frame	95			
17		270x10-85x20		A 228 101 14	Transv. fram. forward frame	95			
18		270x10-75x20		F 270x10-85x20	Transv. fram. aft of frame	25			
19		228 101 16		A 228 101 13	Transv. fram. forward frame	95			
20		228 101 14		F 228 101 13	Transv. fram. aft of frame	25			
21		228 101 13		A 203 101 11	Transv. fram. forward frame	95			
22		203 101 13		F 228 101 13	Transv. fram. aft of frame	25			
23		203 101 11		A 203 101 11	Transv. fram. forward frame	95			
24		178 101 11		F 203 101 11	Transv. fram. aft of frame	25			
25		178 101 9.5		A Platform					
26		178 101 9.5		F 178 101 11	Transv. fram. aft frame 15				
Spacing of Longitudinal Frames		Amidships 700 - 760		F 178 101 11	Transv. fram. aft frame 15				
At Ends		700 - 760							
Double Bottoms L, L or C		Tank Top Longitudinals							
Bottom		Bottom							
Spacing of Longitudinals		Amidships							
At ends...		At ends...							
Transverses.		Forw.			Aft			Rivets in Lugs to Shell. Diam. Speng.	
Side (in 'tween Decks)		Depth and Thickness	325 x 10	350x11	350x11				
		Face Angles	89 x 20.5	178x205	51x205				
		Lugs to Shell*	4 4	4 4	4 4				
Side (in Hold)		Depth and Thickness	900/1200 x 12	900x12	1000x12				
		Face	125 mm. flange	152x25	304x25				
		Weld	5 5	4.5 4.5	5 5				
		Lugs to Shell*	5 5	4.5 4.5	5 5				
Bottom		Depth and Thickness	Centre- 1300x12	Wing tks 2250x12	Wash bhd. in deep tank				
		Face	150 fl.	125 mm. fl.	Tr. floors in D.B.				
		Weld	5 5	5 5					
		Lugs to Shell*	5 5	5 5					
		Back Bars							
		Brackets	As per appd. plan						
Spacing of Transverse Frames		3160	3355	3300					
* State if joggled or liners.									
Longitudinal Beams of L, L or C		Bridge Deck	152 89 9.5			736/770			
		Upper	178 101 11			736/770			
		Poep	152 89 9.5			736/770			
		Keel	127 76 8			736/770			
Transverse Beams.		Plate.	325x10	89x20.5					
		Face Angles.	880/920x12	160 mm. fl.					
		Any departure from Approved Plans to be Noted.							
			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.



507.5  
64.2  
35.5



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Lloyd's Register  
Foundation



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.)

No sister vessel.

As fitted plans, forwarded under separate cover:

Midship section

Longitudinal section and plans

Shell expansion

Approved plans, forwarded under separate cover:

Midship section

Longitudinal section and plans

Shell expansion

Oil tank transverse bulkheads

Longitudinal bulkheads

Fore peak

Deep tank and dry cargo hold

Web frames in cargo tanks

Sternframe

Shaft brackets

Rudder

After peak

Longitudinal frames (2)

Girder in CL

Shaft pipes

Upper deck

Poop deck

Forecastle deck

Bridge deck

Deck-house amidship (2)

Engine casing

Pump room casing

Auxiliary engine seatings

Masts and derrick posts

Hatches to oil tanks

Web frames etc. in engine room

Tank top, floors etc. in engine room

Cofferdam bulkhead and bulkhead No.45

Watertight von Tell hatch

Deck-house aft (3)

F.W. tanks in 'tween deck

Welding sequences

Capacity plan is also forwarded.

Various material certificates are also being forwarded separately.

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-101A  
State Name of Supplier } Maker Radio Corporation of America  
and/or Serial No. 49257.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower Head 56:0:0 LR 1153 A.E.G. 16.9.49 Forged steel shank
2nd „ 55:1:25 LR 1026 A.E.G. 12.7.49 - " -	
3rd „ 55:0:7 LR 1098 C.P. 29.8.49 - " -	

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 112.8 ft., 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 P K 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 F.W. 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. and F.O. or W.B. Frs. 17-45	75.8	246.9	Fore peak tank,		103.9
Double bottom, under Engines and Boilers,			After peak tank,		302.9
Double bottom, if under Engines only,			Deep tank, aft, F.O. or W.B. Frs. 45-46	10.4	532.6
Double bottom, if under Boilers only,			Deep tank, forward, F.O. or W.B. " 76-91	33.0	302.9
Double bottom, forward,			Other tanks, if fitted, Cruiser stern F.W.		33.9
Total length (if continuous) and Capacity	75.8	246.9	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 452

Date 14.4.1948.

Dates of Surveys held while building

1948: October 22, November 22, December 20. 1949: January 10, 24, February 21, 28, March 14, 31, April 21, 21, 31, June 7, 14, 20, 27, July 26, August 2, 9, 22, 30, September 6, 13, 29, 20, 26, 23, 30, 20, October 3, 6, 11, 18, 25, November 4, 9, 11, 14, 18, 20, 23, 30, 28, 30, December 12, 9. 1950: January 3, 9, 16, 23, February 6, 9, 13, 20, 27, March 7, 10, 13, 20, 23, 27, April 11, 13, 17, May 3, 5, 8, 11, 14, 19, 22, 23, 26, 30, 31, June 7, 12, 13, 14, 15, 16, 17, 18, Total No. of Visits 91, 21, July 1, 3, 4, 6, 14, 17, 22.