

RECEIVED

14 FEB 1950

IN D.O.

STEEL ~~STEAMER~~ or MOTORSHIP.

Received at London Office 13 FEB 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 9th February, 1950. Port of Gothenburg No. 17245
Survey held at Gothenburg Date First Survey 4th October, 1948 Last Survey 4th February, 1950.

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Motor Tanker "L I N D E S N Ä S" (Machinery fitted aft)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full scantling State Type of Erections Poop & Forecastle

TONNAGE under Tonnage Deck... 853.02	CLASS +100A1	State if with freeboard as condition of Class	No	Built at Gothenburg
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 220.00	Launched 4th July, 1949	Yard No. 1011	
Total ---	Breadth (greatest moulded) B 35.00	Builders A-B. Lindholmens Varv		
Gross Tonnage 1202.18	Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 16.75	Owners Rederi A-B. Nordstjerman		
Register Tonnage 539.50	1st Longitudinal Number (L x D) = 3685	Manager Axel Axelsson Johnson		
	2nd Numeral L x (B + D) = 11385	(Where necessary to be entered in Reg. Book.)		
REGISTERED DIMENSIONS. Metr.	Framing Depth "d," at middle of length. See Sec. 3 (1d) ---	Residence Stockholm		
Length 70.82	Proportions—Depth to Length—Uppermost continuous deck to top of keel Do. Long Bridge to top of keel ---	Port of Registry Stockholm		
Breadth 10.69		If surveyed while building, afloat, or in dry dock		
Depth 5.13	Draught Moulded 16' - 10.1/4"	While building, afloat and in dry dock.		

FRAMES, DOUBLE BOTTOM AND BEAMS.

	MM. IN SHIP.	Any Departure from Approved Plans to be Noted.	MM. & INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	610 ✓			
" " from 3/8 length to Collision bulkhead	610 ✓			
" " in peaks	610 ✓			
SIDE FRAMING.				
Frame Amidships, XXXXXX Bulb plate from Ctr. to Upper Deck	180 x 10 ✓			
" " Extends XXXXXX 1 in each face plate	500 x 9.5 ✓			
Web XXXXXX Frame Amidships, XXXXXX tank	250 x 16.0 ✓			
Depth of Framing Girder				
Frames in Uppermost Continuous 'tween Decks, Angle, [or [
" " Second 'tween Decks, Angle, [or [
from 1/2 len. for'd. to 15 % len. from Stem " Bulb plate	180 x 10			
Framing in Peaks, XXXXXX Bulb plate	140 x 7			
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	75-150	See letter 14.3.50 & Mids. Section as built.		
State if Frame Joggled	No			
re the scantlings and arr. in the ANTING XXXXXX REA in accordance with the Rules and/or as approved?	Yes ✓			
re the scantlings and arr. in way of BOTTOM PLATING XXXXXX OF BOTTOM FOR WARD. XXXXXX in accordance with the Rules and/or as approved?	Yes ✓			
ANGLE BOTTOM.				
Floors, Depth and thickness at mid-line in XXXXXX tanks on web frames	700 x 9.5 ✓			
XXXXXX Face plate	250 x 27.0 ✓			
Middle Line Keelson, on Floors, Angles, [or [Centre			
" " Through Plate or Intercoastal Plate	Line			
" " Foundation Plate on Floors	Bulkhead			
" " Flat Plate Keel Angles	Welded ✓			
Girder, XXXXXX No. each side	1. 700 high			
" " thickness of Intercoastal Plate	9.5 ✓			
" " Face plate	200x12.5 in Nos. 1 & 2 tanks 200x19.5 in Nos. 3 & 4 tanks			
DOUBLE BOTTOM.				
Solid Floors, thickness and spacing				
" " Are Frame and Reversed Frame joggled?				
Bracket Floors, breadth and thickness at middle line				
" " breadth and thickness at margin plate				
Bracket Floors, Frame				
" " Reversed Frame				
" " Vertical Struts				
Centre Girder, depth and thickness amidships				
" " top Angles				
" " bottom Angles				
Side Girders, No. each side and thickness				
Margin Plate depth (excl. of flange) and thickness				
" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem				
" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem				
" " Gussets, spacing and scantling abaft 1/2 len. from stem				
" " Gussets, spacing and scantling forward 1/2 len. from stem				
Tank Side Brackets, height above base line at toe of Frame and thickness				
INNER BOTTOM PLATING, in motor mm.				
XXXXXX thickness of Middle Line Strake	9.0 ✓			
Thickness of remainder XXXXXX	9.0 ✓			
Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. XXXXXX space XXXXXX ?	Yes ✓			
BEAMS.				
Uppermost Continuous Deck, amidships XXXXXX	150 x 3/8" P ✓			
" " in way of Bridge, Angle, [or [cut from 7"x3 1/2"x3/8" C ✓			
Spacing	610			
Trunk top, XXXXXX amidships, XXXXXX	3 1/2"x1"x3/8" I ✓			
Spacing	cut from 7"x3 1/2"x3/8" C ✓			
Third Deck, amidships, Angle, [or [610 ✓			
Spacing				
Fourth Deck, amidships, Angle, [or [
Spacing				
Poop Deck, XXXXXX [5" x 2 1/2" x 28" ✓			
Spacing	610 ✓			
Bridge Deck, Angle XX or [
Spacing				
Forecastle Deck, Angle, XX or [125 65 7 1/2 ✓ 115 65 8 1/2 ✓			
Spacing	610 ✓			

PILLARS AND DECKS.

		MM. IN SHIP.		Any Departure from Approved Plans to be Noted.		MM & INCHES 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.									
Stiffeners and Spacing.....		Horizontal corr.							
Plating, thickness of		9.5 8.0							
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, thickness		11.0							
,, ,, ,, ,, in way of Bridge		---							
,, Angle in Wells		Welded							
Trunk top									
Thickness of Plating thickness		10.0							
Thickness of Plating abreast Deck openings in way of Bridge									
Thickness of Plating within line of openings...									
If Sheathed, material and thickness									
Side Stringer									
Stringer in No.3 tank									
Stringer Plate, breadth and thickness		500 9.5 210							
Stringer Plate, breadth and thickness in way of Bridge									
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, thickness		8.0							
Plating, Sheathing, material and thickness ...		7.5 mm. 2 1/2"							
		Oregon pine							
		where exposed							
Bridge Deck.									
Stringer Plate, breadth and thickness.....		---							
Plating, Sheathing, material and thickness ..		---							
Forecastle Deck.									
Stringer Plate, thickness		7.5							
Plating, thickness ..		7.5							

SHELL PLATING.

SCANTLINGS.				EDGES.		BUTTS.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	State if joggled?	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	AMIDSHIPS.		FORWARD.	AFT.			SINGLE OR DOUBLE.	RIVETS.		Diam.	Spacing or. to cr.		
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.					Spacing or. to cr.
	1000 MM.	1000 MM.	1000 MM.	1000 MM.			Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	1050	15.0	15.0	14.0			Angle 50°						
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes ..2.....		11.0	16.0 13.5	10.0	} End shell aft approved 9.5 mm.		Angle 50°						
BILGE PLATING, No. of Strakes1.....		11.0	16.0	--			Angle 50°						
SIDE PLATING, No. of Strakes1.....		11.0	16.0	10.0									
UPPER DECK, Sheer-strake 1000	1920	11.0	10.5	9.5							Angle 50°		
UPPER DECK, Sheer-strake in Bridge ...)													
STRAKE BELOW Sheer-strake in Wells.....)							Angle 50°						
STRAKE BELOW Sheer-strake in Bridge ...)													
POOP SIDE PLATING				7.0									
BRIDGE SIDE PLATING ...													
FOREC'TLE SIDE PLATING				7.5									

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—			9				
				9 ✓			
					Extending to Upper Deck (Sec. 3 c)		
,, Deck next below			---				
As per Rule			3				
			Plating Thickness. MM.	STIFFENERS.			
				VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
			MM.	MM.	MM.	MM.	
MIDSHIP BULKHEAD, Upper tween decks							
“	“	Second “					
“	“	Third “ ✓					
“	“	Tank XXXXX Fr. 50-9.0-8.0		725	150	730 x 9.5 & 240 flange 1	✓
COLLISION	“	(in Hold) Fr. 1038.5-7.5	75 x 65 x 8	750	Tank top & str.		
AFTER PEAK	“	Fr. 15.0-7.5	130 x 65 x 9	610	Stringer		
	“	Fr. 115 x 65 x 8					

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted
		MM.		
KEEL, Bar	Flat plate keel. ✓			
STEM	Round bar \varnothing 100 mm. ✓			
	and rolled steel plate. ✓			
STERN FRAME {	Welded construction as per approved plan. ✓			
Propeller Post	Forg. & Welded 147 \varnothing ✓	Motala		
Rudder ,,	Verkst			
Speed of Vessel	12 knots.			
RUDDER—Type	Simplex streamline. ✓			
„ A \times D \times 100	259			
„ Diam. of head	Forg. & Welded 143 ✓	Motala		
„ Mainpiece at top pintle	As per appd. plan ✓	Verkst.		
„ „ heel				
„ how constructed	Welded			
„ double xx single plate	12 ✓			
„ coupling, vertical or horizontal	Horizontal			
Open hearth.				

These over reports are requested not to irritate on or

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EQUIPMENT No 12461

LETTER n

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.
67371	1st Bower ...	Cwts. 24 qrs. 3 lbs. 7	Cwts. qrs. lbs.	Tons. cwt. qrs. lbs. 24 12 3 7	✓	Britannic (Cast Steel Head)	Richard Sykes & Son	25.2.49 - H. Phillips
67551	2nd " ...	25 0 0		24 15 0 0	✓	"	"	15.4.49 - H. Phillips
67557	3rd " ...	24 2 0		24 6 1 0	✓	"	"	22.4.49 - H. Phillips
	Collective weight.	74 1 7			73 ✓			
67558	Stream	6 2 0	1 2 14	8 15 0 0	6 1/2 ✓	Ordinary Pattern (Electr. welded)	"	22.4.49 - H. Phillips

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.
3002	38759 38	40940 59350	13269 12220	385 38	Stud link	Järnbirger AB.	Makers' works 25.4.49 S. Wallerström	6 x 12 TOWLINE	165 3 1/4	21.7	165 3 1/4
								6 x 24 HAWSERS & WARPS	2x165 2 1/2	18.0	165 1 3/4
								6 x 12	2x165 2 1/4	10.8	
	6 x 12 Steel Wire	135 3 1/2	Tons 25.7	135 3 1/2							

Steering Gear, ~~Hyland~~ Hyland, Electro HydraulicAlternative Means of Steering ~~M33501000~~

Wires and Blocks

Boats 2 á 6.12 x 2.05 x 0.99 M. Steering Chains, Size and Test

Windlass Steam, Helsingborgs Varvs A-B., Helsingborg.

Ceiling in Holds, thickness and material

Cargo Battens, thickness, material and spacing

Cargo Hatchways. (Upper Deck) Steel Oiltight Hatches

Thickness of Hatches

No. 1 Hatchway (Forward)

No. 2

No. 3

No. 4

No. 5

No. 6

er of Shifting Beams and/or Fore and Afters

Builder's Signature

AKTIEBOLAGET LINDHOLMENS VARV
Lindholmens Varv

REAL 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 **Yes (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.

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 materials and workmanship are good. The vessel is constructed to carry petroleum in bulk, and oil fuel in the double bottom under the machinery, in the oil fuel cross bunkers situated at the forward end of the machinery space, and in tanks forward of the after peak. The flash point of the oil fuel is above 150°F. Lubricating oil is carried in the after portion of the engine room double bottom. The tanks, pump room, cofferdam, bulkheads and decks have been tested in accordance with the requirements of the Rules. The requirements of Sections 20 and 40 of the Rules have been complied with. The freeboards have been marked out in on the vessel's sides. The windlass and steering arrangements have been tested under working conditions.

Convention Freeboard

Amount of ~~Free~~ Fee Kr. 330:00

Fees applied for,

19

Special Survey Fee.... Kr. 6800:00

Received by me,

19

Travelling Expenses, if any £ --- : --- : ---

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

I am of opinion the Vessel should be Classed **+100A1**
Carrying Petroleum in bulk
Strengthened for navigation in ice

State whether the Vessel has been built under Special Survey **Yes**Certificate to be sent to **Gothenburg** Date of issue **6/4/50**

Signature

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI. 10 MAR 1950

Character assigned

+ 100 A1 Carrying Petroleum in bulk
1.50 job
Lloyd's A.R.C.

+ LMC 2.50 Oil Eng.
2 A.B. 150 lb. O.G.

Wili Job (H.R.H.)

Nob. for S.R.L.

Machinery certificate also endorsed



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Lloyd's Register
Foundation

002289-002297-0084 2/2

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.)

Sister vessels: M/T "Elfnäs", A-B. Lindholmens Varv, Yard No. 1009, Gothenburg First Entry Report No. 16707,
" "Framnäs", " " " " " 1010, " " " " " 17035.

As fitted plans, forwarded under separate cover:

Midship section

Longitudinal section and plans

Shell expansion

Approved plans

were forwarded with the m/t "Elfnäs", Yard No.1009.

Various material certificates are being forwarded under separate cover.

Particulars of Swedish tonnages:

Gross	-	1265.41
Under deck	-	853.02
Net	-	731.30

Date of undocking:

11th January, 1950. ✓

PARTICULARS OF ELECTRIC WELDING

Electrically welded. ✓

Electrodes used: OK 48 P, OK 52 P, OK Rapid, PH 50, ELGA 52.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book Carrying Petroleum in bulk, Strengthened for navigation in ice, Cruiser stern, Machinery aft, Electrically welded, Direction finder, Echo sounding device. ✓

(No Radar installation) ✓

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Head	15:0:11	1687	A.E.G.	23.9.48
	2nd "		14:3:16	4660	A.E.G.	29.3.45
	3rd "		14:3:14	6323	A.E.G.	1.8.41

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 66.75 ft., R.Q.D. — ft., Bridge — ft., Forecastle 32.0 ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Over-all Length 241' - 1" ✓

No. and Material of Decks 1 deck (steel)

Official No. — ; Signal Letters —

Parts of XX bottom of vessel coated with cement Fore Peak & After Peak if not give

particulars of composition —

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Salt		Where Fitted.	*Length. Feet.	Salt	
		Water Capacity.	Tons.			Water Capacity.	Tons.
Double bottom, aft,				Fore peak tank,			27.3 ✓
Double bottom, under Engines and Boilers,				After peak tank,			62.0 ✓
Double bottom, if under Engines only,				Deep tank, aft, 0. F. Bunkers	6.0		97.0
Double bottom, if under Boilers only,				Spare tank, forward,	14.0		29.9 ✓
Double bottom, forward,				Other tanks, if fitted,			
Total length (if cont) and Capacity				(If necessary, furnish further information by sketch.)			
		30.0	40.9	* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).			

Order for Special Survey No. 446

Date 26.8.1947.

Dates of Surveys held while building

1948: October 4, 27, November 12. 1949: February 4, 7, 19, 28, March 14, 21, 23, 24, April 1, 4, 5, 12, 13, 19, 21, 22, 25, May 2, 3, 4, 9, 10, 16, 30, 31, June 2, 3, 6, 8, 14, 15, 18, 20, 27, 28, 30, July 2, 4, 12, 21, August 1, 2, 5, 8, 21, 24, 27, 29, 31, September 1, 7, 12, 13, 14, 26, October 5, 24, November 16, December 28.
1950: January 4, 5, 7, 9, 10, 17, 18, 19, 25, February 3, 4.

Total No. of Visits 73