

STEEL STEAMER or MOTORSHIP.

Received at London Office 28 NOV 1936

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report

26th Nov. 1936

Port of

Malmö No. 1510

Survey held at

Landskrona

Date First Survey 29th Oct. 1935Last Survey 21st Nov. 1936

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

Steel Twin Screw M/S "JOHANNA THORDÉN" (Machinery amidships)

State Type (Full scantling, Complete Superstructure with or without Tonnage Openings)

Complete Superstructure with tonnage opening aft

State Type of Erections Half height etc.

TONNAGE under Tonnage Deck...

2454.35

CLASS 100A1

State if with freeboard as condition of Class

Yes

Built at

Landskrona

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 362.0

Launched 12th Sept. 1936 Yard No. 41

Breadth (greatest moulded)

B 51.0

Builders Öresundsvarvet A/S

Total

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

D 31.75

Owners Rederiaktiebolaget Finnska Nordamerikanska Linien

Gross Tonnage

3222.91

Register Tonnage

1642.19

1st Longitudinal Number (L x D) = 114.94

Managers G. M. Thordén

2nd Numeral L x (B + D) = 29956

(Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS.

FEET.

362.0

51.0

17.74

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

20.42

Residence Helsingfors

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

11.4

Port of Registry Orändö

If surveyed while building, afloat, and in dry dock

Yes

Draught Moulded

22'-2 1/2"

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
Spacing amidships	710		Bracket Floors, Frame	150 75 75.5	
" from $\frac{3}{8}$ length to Collision bulkhead	685		" " Reversed Frame	140 65 75.5	
" in peaks	610		" " Vertical Struts	220 9-80 12.5	
MING. In motor space	280 10-95 15		Centre Girder, depth and thickness amidships	1020 12.5	
midships, Angle, E or F	250 90 135		" " top Angles	90 90 11	
" Extends up to	2nd deck		" " bottom Angles	100 100 12.5	
1 Frame Amidships, Angle			Side Girders, No. each side and thickness	1 9	
" Extends up to			Margin Plate breadth (excl. of flange) and thickness	1000 12.5	
2 Framing Girder	250		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	150 150 12	
3. # 20-119 in Uppermost Continuous 'tween Decks	165 75 8		" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	90 90 10.5	
Abut # 20 in frame	150 75 7.5		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem		
Second 'tween Decks, Angle, E or F	165 75 8		" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem		
120-146 in frame			Tank Side Brackets, height above base line at toe of Frame and thickness	as per plan 10	
Third " " " "			INNER BOTTOM PLATING.		
in Peaks, Angle or F	180 75 8		Breadth and thickness of Middle Line Strake	1260 12.5	
4 and Spacing of Rivets through Frame and Shell Plating amidships	22 12.5 14.5		Thickness of remainder in Holds	10.5-9.5	
Frame Joggled	5 Yes		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Tanker and Boiler Room?	Yes	
ARRANGEMENTS (Sec. 7), state system and particulars	As per Section 7 B.		BEAMS.		
THICKENING OF BOTTOM FOR	As per app. plan		Uppermost Continuous Deck, amidships	220 9-80 12.5	
State Particulars			" " in Wells, Angle, E or F		
BOTTOM.			" " in way of Bridge, Angle, E or F		
Depth and thickness at mid-line in Holds			Spacing	every frame	
Height of Brackets at side above base line at toe of frame			Second Deck, amidships, Angle, E or F	260 10-90 14	
Line Keelson, on Floors, Angles, E or F			Spacing	every frame	
" Through Plate or Intercoastal Plate			Platform		
" Foundation Plate on Floors			Third Deck, amidships, Angle, E or F	240 10-85 13	
" Flat Plate Keel Angles			Spacing	220 9-80 12.5	
SONS, No. each side			Fourth Deck, amidships, Angle, E or F		
thickness of Intercoastal Plate			Spacing	every frame	
Angles			Poop Deck, Angle, E or F		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	9.5 in 3rd fr.		Bridge Deck, Angle, E or F		
" " Are Frame and Reversed Frame joggled?	Frames Yes		Spacing		
Bracket Floors, breadth and thickness at middle line	765 9.5		Raised Upper Deck for Forecastle Deck, Angle, E or F	200 8.5-7.5 11.5	
" " breadth and thickness at margin plate	extr 1500 9.5		Spacing	180 8-70 11	

PILLARS AND DECKS.

	MM INCHES 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.....	As per appx. plans.	✓	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.....	7.5 ✓
„ „ „ „ „			Thickness of Plating abreast Deck openings in way of Bridge	7.5 ✓
„ in Holds „ „			Thickness of Plating within line of openings...	
„ „ „ „ „			If Sheathed, material and thickness	
Centre Line Bulkhead.	165 75 9- 230 90 11 alt. frame.	✓	Third Deck.	
Stiffeners and Spacing.....			Stringer Plate, breadth and thickness.....	
Plating, thickness of	7.5	✓	If Plated, state thickness.....	
STRINGERS AND DECKS.			Fourth Deck.	
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	
Stringer Plate, breadth and thickness in Wells	1540 11.5	✓	If Plated, state thickness	
„ „ „ „ in way of Bridge			Poop Deck.	
„ Angle in Wells	130 130 12.5	✓	Stringer Plate, breadth and thickness	
Thickness of Plating abreast Deck openings in way of Wells	10.5-9	✓	Plating, Sheathing, material and thickness ...	
Thickness of Plating abreast Deck openings in way of Bridge			Bridge Deck.	
Thickness of Plating within line of openings...	9-8.5	✓	Stringer Plate, breadth and thickness.....	
If Sheathed, material and thickness			Plating, Sheathing, material and thickness ..	
Second Deck.			Forecastle Deck.	
Stringer Plate, breadth and thickness in Wells...	1700 8.5	✓	Stringer Plate, breadth and thickness.....	10.5-9.5 ✓
			Plating, Sheathing, material and thickness ..	9.5-8.5 ✓

SHELL PLATING.

SCANTLINGS.					RIVETING. 710 88-75							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled?			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. MM	Inches. MM	Inches. MM	Inches. MM			Inches. MM	Inches. MM		Inches. MM	Inches. MM	
FLAT PLATE KEEL	1260	17	15.5	15.5	✓	Double	22	90	Three	22	80	Lapped
„ DBLG. (if any)	2125-		14.5-	13-								
BOTTOM PLATING, No. of Strakes ... 3	2160	13	21	13.5	✓	„	22	90	„	22	80	„
BILGE PLATING, No. of Strakes ... 1	2320	13	21	13	✓	„	22	90	„	22	80	„
SIDE PLATING, No. of Strakes ... 2	2220	13	21	12-13.5	✓	„	22	90	„	22	80	„
UPPER DECK, Sheer-strake in Wells	2210	15	11	11	✓	„	22	90	„	22	80	„
UPPER DECK, Sheer-strake in Bridge ...												
STRAKE BELOW Sheer-strake in Wells	2220	14	11	11	✓	„	22	90	„	22	80	„
STRAKE BELOW Sheer-strake in Bridge ...												
POOP SIDE PLATING												
BRIDGE SIDE PLATING ...												
Raised Upper Deck												
FORECASTLE SIDE PLATING			11		✓	„	22	90	Three - Five	22	80	„
							19	75		19	65	„

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— 6

Extending to Upper Deck (Sec. 3 c) 1 to fore. dke.

„ Deck next below 5 " 2nd dke.

As per Rule 1 to U. dke. 5 to 2nd dke.

FORGINGS and CASTINGS.

	Casting or Forging.	Scantling.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Cast	as per	A. B. Lindh.	Motala.
STEM	steel.	app. plan.	Motala	Varkost.
STERN FRAME {	Cast	As per	Holsma	Jarne A. B.
Propeller Post	steel	app. plan.	Holsma	
Rudder	steel	plan.	Holsma	
Speed of Vessel	14	knots.		
RUDDER—Type	As per	plan.		
" A x D x 100	814		Holsma	Jarne A. B.
" Diam. of head	Forg. 250		Holsma	
" Mainpiece at top pintle	Cast	As per	Holsma	Jarne A. B.
" " heel	steel	app. plan.	Holsma	
" how constructed	frame plan.			
" double or single plate	9.5			
" coupling, vertical or	Horizontal			
" horizontal				

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks		1/4"	65-75	130 x 65 x 7 F	610	Platform deck.
"	" Second	3/32	65-9	130 x 75 x 7 F	760	
"	" Third	5/16	7-10.5	200 x 90 x 10 F	775	-
"	" Holds	1/4"	7-10.5	200 x 90 x 10 F	775	-
"	" Holds	1/4"	7-10.5	170 x 90 x 9 F	760	No. 1 tank top.
COLLISION (in Hold)		1/4"	85-115	130 x 75 x 9 F	610	20mm box beam.
AFTER PEAK		8	75-85	130 x 75 x 10 F	1000	10mm box beam.
				100 x 65 x 7.5 F	610	Recess top.

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process.*
Societe Anonyme D'Angleur-Athys, Belgium.
Guthoffnungshütte, Walenruke Neu-Oberhausen and Oberhausen. Deutsche
Has the Steel been tested as required by the Rules? *Yes.* *Röhrenwerke.*

EQUIPMENT No 30737										LETTER X.		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.
1959	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	"Union"	Dortmund	Ships. 3-6-36 M.B.
1960	2nd " ...	56	0	19				46	3	0	14	56.25	"	Flouder	Ships. 3-6-36 M.B.
1961	3rd " ...	56	1	14				46	4	2	21	56.25	"	Hiltmann	Ships. 3-6-36 M.B.
	Collective weight.	56	0	7				46	3	0	14	47.50	"	Hiltmann	Ships. 3-6-36 M.B.
		168	2	12								160.00		Dortmund	
1962	Stream	14	3	17	4	0	4	16	10	0	0	15	Block.		Ships. 3-6-36 M.B.

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.	Statutory.	Break-ing.	Supplied.	Per Rule.		Length.	Diam.					Length.	Cir.	Tons.		Length.	Cir.
1262	270 1/2	2 3/16	8 1/4	113 3/4	656.0	5	608 3/4	270	2 3/16	Steel link	Hiltmann	Ships. 8-6-36 J.Q.	S.W. TOWLINE	120	4 1/2	43.5		120	4 1/2
													S.W. HAWSERS & WARPS	4x90	3	25.7		4x90	2 1/2
	90	4 1/2		433				90	4 1/2										

Steering Gear, Steam	Electric. Th. B. Thrigge, Odense	Steering Gear, Hand	Th. B. Thrigge, Odense
Boats	2 Lifeboats, 2 Jolly boats.	Steering Chains, Size and Test	✓
Ceiling in Holds, thickness and material	2 1/2" Sred. Pine	Cargo Battens, thickness, material and spacing	6" x 2" Sred. pine. 9" c. to c.
Cargo Hatchways. (Upper Deck)	Steel coamings	Thickness of Hatches	65 mm.
Size of No. 1 Hatchway (Forward)	24'-8" x 18'-0" No. 2, 3, 4 & 5	No. 2	25'-7" x 18'-0" No. 4
Number of Shifting Beams and/or Fore and Afters	4 in all hatchways.	No. 5	No. 6
<div>ÖRESUNDSVARVET</div> <div>AKTIEBOLAG</div> <div>Builder's Signature <i>E. A. S. idell</i></div>			

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		Yes
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo		No
The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.		
In double bottom and tunnel side tanks FP above 150° F.		
This vessel has been built under special survey in accordance with the approved plans and the Rule requirements have been complied with.		
The materials and the workmanship are good.		
All double bottom tanks, cofferdams, lubricating oil tanks, peak and tunnel side tanks have been tested with water pressure as required by the Rules.		
The watertight bulkheads, shaft tunnels and decks have been tested with water from a hose and found tight.		
The foreboard has been verified and marked out in on the vessel's sides.		
Forgings and castings as per reports enclosed.		

The amount of Entry Fee ^{Hbg. 76.44} Mmo. 50.90 ^{Mr.} : 127:40		Fees applied for,		(Special notations, where part of class, to be stated.)	
Freeboard ^{Mr.} : 316:00		26 th Nov. 1936			
Special Survey Fee ^{2nd Hr.} : 4297:93		Received by me,		I am of opinion the Vessel should be Classed 100A1 100A1 - with freeb.	
^{Hbg. 2598:76} Mmo. 17.19.17		4.12.1936 ^{4/12}		For myself, for G. Westergaard & late T. Ahnstrom	
Travelling Expenses, if any ^{2nd Hr.} : 321:20		Yes.		Signature <u>A. Ahnstrom</u>	
State whether the Vessel has been built under Special Survey				Surveyor to Lloyd's Register of Shipping.	
Certificate to be sent to <u>Int. Office Mahra</u>		Date of issue <u>11/12/36</u>			

Committee's Minute	FRI. 11 DEC 1936
Character assigned	+ 100A1 With freeboard + Limb. 11.36 S.B. 40 H. oil of C.
Lloyd's accp. Strengthened for navigation in ice	
Write down C. H. S.	
<div>© 2020</div> <div>Lloyd's Register</div> <div>Foundation</div> <div>W 544-0138 1/2</div>	

(Please see separate list enclosed herewith.)

Certificates:-

Stem frame
Rudder frame
Rudder head (2 parts)
Shaft brackets
Stem.

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

Strengthened for navigation in ice

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

1st Bower
2nd "
3rd "

37:1:0	M.B.	4475	25-5-36	shanks	18:3:19	M.B.	1737	25-5-36
37:1:24	M.B.	4476	25-5-36		18:3:8	M.B.	1738	25-5-36
37:2:9	M.B.	4477	25-5-36		18:1:26	M.B.	1736	25-5-36

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 230 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 850 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

No. and Material of Decks 1 deck & shelter deck

Official No. 787

Signal Letters OHZS

Is bottom of vessel coated with cement

no

if not give

particulars of composition Cement in peaks, tunnel and bilge wells.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	44.23	151	Fore peak tank,	25	60
Double bottom, under Engines and Boilers,	44.23	223	After peak tank,	16	97
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	163.25	584	Other tanks, if fitted, Tunnel side & no. 6 tanks.	✓	149
Total capacity of double bottom		958	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 20

Date 7th Oct. 1935

Dates of Surveys held while building

Thessalonica: - 29/10-1935, 22/1, 29/1, 6/2, 11/2, 13/2, 14/2, 21/2, 24/2, 5/3, 9/3, 13/3, 19/3, 26/3, 28/3, 1/4, 7/4, 11/4, 27/4, 2/5, 6/5, 1/6, 6/6, 9/6, 12/6, 19/6, 19/6, 20/6, 23/6, 26/6, 27/6, 30/6, 2/7, 4/7, 6/7, 7/7, 8/7, 11/7, 21/7, 23/7, 23/7, 25/7, 30/7, 31/7, 31/7-1936.
Malmö: - 23/7, 31/7, 7/8, 7/8, 14/8, 18/8, 31/8, 4/9, 9/9, 12/9, 19/9, 22/9, 1/10, 13/10, 27/10, 30/10, 4/11, 7/11, 10/11, 12/11, 14/11, 21/11-1936.

Total No. of Visits 69