

## STEEL STEAMER or MOTORSHIP.

Received at London Office 2 SEP 1925

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 29<sup>TH</sup> AUGUST 1925 Port of GOTHENBURG No. 6177.Survey held at GOTHENBURG Date First Survey 24<sup>TH</sup> SEPT. 1924 Last Survey 22<sup>ND</sup> AUGUST 1925.

On the (State if Machinery fitted with and if Single, Twin or Triple Screw) STEEL TWIN SCREW MOTORSHIP "AXEL JOHNSON".

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) COMPLETE SUPERSTRUCTURE WITH TONNAGE OPENING State Type of Erections FORECASTLE ONLY.

TONNAGE under 3981.33 CLASS +100A.1. State if with freeboard as condition of Class YES Built at GOTHENBURG.

Do. of space or spaces between Tonnage Dk. and Upper Dk. 356.07 Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 390.0 118.87 Launched 16<sup>TH</sup> MAY 1925 Yard No. 391

Total 4337.40 Breadth (greatest moulded) B 52.5 16.00 Builders A.B. GÖTAYERKEN

Gross Tonnage 4895.87 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 37.0 8.53 Owners REDERI AKTIEB. NORDSTJERNAN

Register Tonnage 2852.60 1st Longitudinal Number (L x D) = 14040 1303 Managers A.A. JOHNSON.

2nd Numeral L x (B + D) = 34515 3206 (Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS. FEET. Residence STOCKHOLM.

Length 392.09 Framing Depth "d," at middle of length. See Sec. 3 (1d) 15.83 4.826 Port of Registry STOCKHOLM.

Breadth 52.61 Proportions—Depth to Length—Uppermost continuous deck to top of keel 10.5 If surveyed while building, afloat, AND in dry dock

Depth 24.80 Draught Moulded 24'-9 1/4" YES

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP. M.M.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP. M.M.	Any Departure from Approved Plans to be Noted.
<b>FRAMES, Spacing amidships</b>	✓ 110	✓	<b>Bracket Floors, Frame</b>	✓ 120 85 10.5	✓
" " from 1/2 length to Collision bulkhead	✓ 110	✓	" " Reversed Frame	✓ 170 75 10.5	✓
" " in peaks	✓ 610	✓	" " Vertical Struts	✓ 170 75 10.5	✓
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	✓ 1170 13.5	✓
Frame Amidships, Angle, [ or ]	240 90 12	✓	" " top Angles	✓ 90 90 13	✓
" " Extends up to	UPPER AND 2 <sup>ND</sup> DECKS ALTY.	✓	" " bottom Angles	✓ 100 100 15	✓
<b>Reversed Frame Amidships, Angle</b>			<b>Side Girders, No. each side and thickness</b>	✓ 2 10	✓
" " Extends up to			<b>Margin Plate depth (excl. of flange) and thickness</b>	✓ 930 13	✓
<b>Depth of Framing Girder</b>	✓ 240	✓	" " Vertical Angle to Tank side	✓ 90 90 10.5	✓
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]</b>			" " Bracket abaft 1/2 len. from stem	✓ 150 150 13	✓
" " Second 'tween Decks, Angle, [ or ]			" " Vertical Angle to Tank side	✓ 90 90 10.5	✓
" " Third " " " "			" " Bracket forward 1/2 len. from stem	✓ 150 150 13	✓
<b>Framing in Peaks, Angle or [</b>	✓ 190 85 9.5	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓ EVERY FRAME	✓
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	✓ 22 155	✓	" " Gussets, spacing and scantling forward 1/2 len. from stem	✓ TANK LEVEL	✓
<b>State if Frame Joggled</b>	✓ YES	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	✓ 1900 11	✓
<b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars</b>	✓ AS PER PLAN	✓	<b>INNER BOTTOM PLATING.</b>		
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars</b>	✓ AS PER PLAN	✓	Breadth and thickness of Middle Line Strake	✓ 2250 11.5	✓
<b>SINGLE BOTTOM.</b>			Thickness of remainder in Holds	✓ 10.5-9.5	✓
Floors, Depth and thickness at mid-line in Holds			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bulkheads and Boiler Room?	✓ YES	✓
Height of Brackets at side above base line at toe of frame			<b>BEAMS.</b>		
<b>Middle Line Keelson, on Floors, Angles, [ or ]</b>			<b>Uppermost Continuous Deck, amidships</b>	✓ 150 x 11 x 75 x 12	✓ +.5
" " Through Plate or Intercostal Plate			" " in Wells, Angle, [ or ]		✓
" " Foundation Plate on Floors			" " in way of Bridge, Angle, [ or ]		✓
" " Flat Plate Keel Angles			Spacing	✓ EVERY FRAME	✓
<b>Side Keelsons, No. each side</b>			<b>Second Deck, amidships, Angle, [ or ]</b>	✓ 200 x 10 x 75 x 12.5	✓ +.5
" " thickness of Intercostal Plate			Spacing	✓ EVERY FRAME	✓
" " Angles			<b>Third Deck, amidships, Angle, [ or ]</b>	✓ 200 x 9 x 75 x 12.5	✓ +1
<b>DOUBLE BOTTOM.</b>			Spacing	✓ EVERY FRAME	✓
<b>Solid Floors, thickness and spacing</b>	✓ 10 EVERY 2 <sup>ND</sup>	✓	<b>Fourth Deck, amidships, Angle, [ or ]</b>		✓
" " Are Frame and Reversed Frame joggled?	✓ FRAMES ONLY	✓	Spacing		✓
<b>Bracket Floors, breadth and thickness at middle line</b>	✓ 820 10	✓	<b>Poop Deck, Angle, [ or ]</b>		✓
" " breadth and thickness at margin plate	✓ 820 10	✓	Spacing		✓
			<b>Bridge Deck, Angle, [ or ]</b>		✓
			Spacing		✓
			<b>Forecastle Deck, Angle, [ or ]</b>	✓ 150 x 11 x 75 x 12	✓ +.5
			Spacing	✓ EVERY FRAME	✓



## PILLARS AND DECKS.

	INCHES IN SHIP. M.M.		Any Departure from Approved Plans to be Noted.		INCHES IN SHIP. M.M.		Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>		2	/	<del>Stringer Plate, breadth and thickness in way of Bridge .....</del>			
" in 'tween Decks, Size and Spacing.....	ABOUT	20 FEET	/	Thickness of Plating abreast Deck openings <del>in way of Wells .....</del>	9		
" " " " "	ABOUT	280 14.5	/	Thickness of Plating abreast Deck openings <del>in way of Bridge .....</del>			
" in Holds " "	ABOUT	380 15.5	/	Thickness of Plating within line of openings...	8.5		
" " " " "		20 FEET	/	If Sheathed, material and thickness .....			
<b>Centre Line Bulkhead.</b>				<b>Third Deck.</b>			
Stiffeners and Spacing.....				Stringer Plate, breadth and thickness.....	1800	9	
Plating, thickness of .....				If Plated, state thickness.....	8		
<b>STRINGERS AND DECKS.</b>				<b>Fourth Deck.</b>			
<b>Uppermost Continuous Deck.</b>				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells ✓	✓	1700 12.5	/	If Plated, state thickness .....			
" " " " in way of Bridge ✓	✓		/	<b>Poop Deck.</b>			
" Angle in Wells ..... 130	130	12.5	/	Stringer Plate, breadth and thickness .....			
Thickness of Plating abreast Deck openings } in way of Wells ..... }	10		/	Plating, Sheathing, material and thickness ...			
Thickness of Plating abreast Deck openings } in way of Bridge ..... }			/	<b>Bridge Deck.</b>			
Thickness of Plating within line of openings... 9	3" O.P.		/	Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness ..... MIDSHIPS & AFT.			/	Plating, Sheathing, material and thickness ...			
<b>Second Deck.</b>				<b>Forecastle Deck.</b>			
Stringer Plate, breadth and thickness in Wells... 1900	1900	9	/	Stringer Plate, breadth and thickness.....	8.5		
				Plating, Sheathing, material and thickness ...	8.5	3" O.P.	

## SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled? <u>No</u>	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.	
FLAT PLATE KEEL .....	1680	19.5 ✓	17 ✓	17 ✓	✓	DOUBLE	7/8	3 1/2 ✓	4 ✓	1	3 1/2 ✓	LAPPED	
„ <u>Double (if any)</u>													
BOTTOM PLATING, No. } of Strakes ..... 4.....	1810	14 ✓	14 ✓	12 ✓	✓	DOUBLE	7/8	3 1/2 ✓	3	7/8	3/8	LAPPED	
BILGE PLATING, No. of } Strakes ..... 1.....	1800	14 ✓	17 ✓	12 ✓	✓	"	"	"	3	"	"	"	
SIDE PLATING, No. of } Strakes ..... 4.....	1800	13.5 ✓	17-11.5 ✓	11.5 ✓	✓	"	"	"	3	"	"	"	
UPPER DECK, Sheer- } strake in Wells.....	1800	15.5 ✓	11.5 ✓	11.5 ✓	✓	"	"	"	4	"	3/4	"	
<del>UPPER DECK, Sheer- } strake in Bridge ...</del>													
STRAKE BELOW Sheer- } strake in Wells.....	1800	15 ✓	11.5 ✓	11.5 ✓	✓	DOUBLE	7/8	3 1/2 ✓	3	7/8	3/8	LAPPED	
<del>STRAKE BELOW Sheer- } strake in Bridge ...</del>													
POOR SIDE PLATING .....													
BRIDGE SIDE PLATING ...													
FORECASTLE SIDE PLATING			10.5 ✓		✓	SINGLE	3/4	3	1	3/4	2 5/8	LAPPED	

## WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

WATER-TIGHT BULKHEADS.					Casting or Forging.		Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>Total No. of W.T. BULKHEADS in Vessel—</b>									
Extending to Upper Deck (Sec. 3 c).....					1				
,, Deck next below.....					6				
As per Rule.....					1 TO UPPER DECK. 5 TO DECK NEXT BELOW.				
		Plating Thickness.	STIFFENERS.						
			VERTICAL.		HORIZONTAL.				
			Scantlings.	Spacing.	Scantlings / Spacing.				
		m.m.	m.m.	m.m.					
		A.							
<b>MIDSHIP BULKHEAD, Upper tween decks</b>		Y	130x75x95	876	NONE				
FRAME NO. 86.									
,, ,, Second ,,									
,, ,, Third ,,			B.A.						
,, ,, Holds .....		10-8	220x75x12	876	NONE				
<b>COLLISION</b> ,, (in Hold) .....		13.5-9	240x90x85	600	1 SEMI-Box.				
,, ,, .....			B.A.						
<b>AFTER PEAK</b> ,, ,, .....		11.5-7.5	170x75x9	610	NONE				

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

GÜTEHOFFNUNGSHÜTTE LAWARICKSHIRE STEEL CO., FRODRINHAM, CARGO FLEET.

## OPEN HEARTH PROCESS.

Has the Steel been tested as required by the Rules?

yes.

Lloyd's Register  
Foundation



EQUIPMENT No. 35515												LETTER	Z	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.	Cwts.				
529	1st Bower ...	63	0	6	✓			50	0	0	0	61	UNION STOCKLESS	DORTMUND UNION OF DORTMUND	DUISBURG 11-3-25 J.G.	
541	2nd „ ...	62	3	6	✓			49	17	3	0	61	D <sup>2</sup>	D <sup>2</sup>	D <sup>2</sup>	
535	3rd „ ...	62	2	12	✓			49	16	0	0	60	D <sup>2</sup>	D <sup>2</sup>	D <sup>2</sup>	
	Collective weight.	188	1	24								182				
581	Stream .....	16	2	22	5	2	19	18	0	2	14	17 1/4	ORDINARY STOCK	D <sup>2</sup>	DUISBURG 12-3-25 J.G.	

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.	
					Supplied.		Per Rule.									Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.						Ins.	Tons.	Fathoms.	Ins.	
141	273 <sup>5</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>8</sub>	12 <sup>7</sup> / <sub>8</sub>	713	0	22	682 <sup>1</sup> / <sub>4</sub>	270	2 <sup>1</sup> / <sub>4</sub>	STUD LINK	HANSA KATTHAFABRIK OF DORTMUND	DORTMUND 1-2-25 J.G.		TOWLINE <sup>SW</sup>	220	5	59	220	5
															HAWSERS & WARPS <sup>SW</sup>	165	3 <sup>1</sup> / <sub>2</sub>	26	165	2 <sup>1</sup> / <sub>2</sub>
															" <sup>S.W</sup>	4 x 165	3	18	165	2 <sup>1</sup> / <sub>2</sub>
															"	2 x 165	8		165	8
															"	2 x 165	7		165	8
Lean Stream Chain or Steel Wire	M	Cir.							M	Cir.										
	165	4 <sup>3</sup> / <sub>4</sub>		47					165	4 <sup>3</sup> / <sub>4</sub>										

Steering Gear, Steam BROWN, BROS. ELEC. - HYD. Steering Gear, Hand GOOD.

Boats 4 LIFEBOATS Steering Chains, Size and Test NONE Windlass CLARKE, CHAPMAN'S PAT. ELEC.

Ceiling in Holds, thickness and material 2 1/2" PINE ON 2" GROUNDS Cargo Battens, thickness, material and spacing 2" PINE, SPACED 9" EDGE TO EDGE

Cargo Hatchways.—(Upper Deck) STEEL COAMINGS Thickness of Hatches 2 1/2"

Size of No. 1 Hatchway (Forward) 23'-4" x 16'-0" No. 2 27'-7" x 16'-0" No. 3 23'-4" x 16'-0" No. 4 23'-4" x 16'-0" No. 5 23'-4" x 16'-0" No. 6 23'-4" x 16'-0"

Number of Shifting Beams and/or Fore and Afters 4 IN NO 1, 3, 4 & 5 HATCHWAYS. 5 IN NO 2 HATCHWAY.

Builder's Signature

GENERAL DECLARATION THIS VESSEL HAS BEEN BUILT UNDER SPECIAL SURVEY IN ACCORDANCE WITH THE APPROVED PLANS AND INSTRUCTIONS AND ALL THE RULE REQUIREMENTS HAVE BEEN COMPLIED WITH.

THE WORKMANSHIP IS GOOD.

ALL DOUBLE BOTTOM, PEAK AND WING TANKS HAVE BEEN TESTED AS REQUIRED BY THE RULES.

THE W.T. BULKHEADS, SHAFT TUNNELS AND DECKS HAVE BEEN TESTED WITH WATER FROM A HOSE AND FOUND TIGHT.

THE MATERIALS ARE GOOD.

FORGINGS AND CASTINGS AS PER CERTIFICATES ATTACHED.

THE FREEBOARD HAS BEEN VERIFIED AND CUT IN ON THE VESSEL'S SIDES.

STEERING GEAR AND WINDLASS TESTED

MODIFIED ICE STRENGTHENING (SAID TO BE IN ACC. B.V. RULES) HAS BEEN FITTED AT FORE END.

WEIGHT OF STREAM ANCHOR APPROVED "M" 15-4-1925.

OFFICIAL NUMBER AND SIGNAL LETTERS WILL BE FORWARDED LATER.

PLANS OF THE VESSEL AS BUILT (2 IN NUMBER) I.E. MIDSHIP SECTION AND PROFILE & DECKS ARE FORWARDED UNDER

SEPARATE COVER.

The amount of Entry Fee ..... £ Ks. : 145.60 Fees applied for, 29/8 1925

Special Survey Fee.... £ Ks. : 5820.24 Received by me, 25/8 1925

Travelling Expenses, if any £ Ks. : 33.65

I am of opinion the Vessel should be Classed + 100 A.1. "WITH FREEBOARD."

State whether the Vessel has been built under Special Survey YES. Signature V. Whilow

Certificate to be sent to SUR. OFF. COPENHAGEN. Date of issue 8/9/25. Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Character assigned

TUES. 8 SEP 1925

+ 100 A.1  
With freeboard

Lloyd's A.R.C.P. + Lmb 8.25 oil Engines

My

L.B. 8.25 2020

Lloyd's Register Foundation

0088 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.)

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

1st Bower	40 - 1 - 12.	J.Q.	3232	8-12-24.
2nd "	40 - 0 - 18	J.Q.	180	29-12-24
3rd "	40 - 3 - 0	J.Q.	179	29-12-24.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 38.5  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 3 DKS (STL).

Official No. ✓; Signal Letters ✓ Is bottom of Vessel coated with cement PARTLY. if not give particulars of composition CEMENT FITTED IN AFTER PEAK, BILGES AND TUNNEL WELL.

**PARTICULARS OF WATER BALLAST.—**

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	116	336. ✓	Fore peak tank,	18	109
Double bottom, under Engines and Boilers,			After peak tank,	24	82
Double bottom, <del>if</del> under Engines <u>only</u> ,	42	163	Deep tank, aft, <i>(mark)</i>	40	190
Double bottom, if under Boilers <u>only</u> ,			Deep tank, forward,		
Double bottom, forward,	174	879 ✓	Other tanks, if fitted,		
	Total capacity of double bottom	1378 ✓	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.  
33 ✓

Order for Special Survey No. 128

Date 5-8-24

Dates of Surveys held while building

1924:- 24/9, 26/9, 26/9, 3/10, 9/10, 15/10, 27/10, 3/11, 8/11, 13/11, 17/11, 21/11, 24/11, 24/11, 28/11, 28/11, 1/12, 1/12, 3/12, 5/12, 17/12.  
1925:- 7/1, 14/1, 30/1, 3/2, 18/2, 23/2, 7/3, 11/3, 19/3, 30/3, 30/3, 7/4, 9/4, 14/4, 14/4, 18/4, 20/4, 27/4, 24/4, 29/4, 7/5, 8/5, 9/5, 12/5, 13/5, 6/6, 9/6, 18/6, 25/6.  
9/7, 27/7, 31/7, 10/8, 11/8, 12/8, 18/8, 19/8, 20/8, 21/8, 22/8.

Total No. of Visits 62