Rpt. 1.

STEEL STEAMER ~~or MOTORSHIP~~.

Received at London Office 25 OCT 1926

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 20TH OCT. 1926 Port of GOTHENBURG. No. 6586.

Survey held at THORSKOG. Date First Survey 1ST MARCH 1920 Last Survey 19TH OCTOBER 1926

On the (*State if Machinery fitted Aft and if Single, Twin or Triple Screw*) SINGLE SCREW STEAMER "SOLSKIN." (MACHINERY AFT)

State Type (*Full Scantling, Complete Superstructure with or without Tonnage Openings*) FULL SCANTLING. State Type of Erections POOP + FCLE

TONNAGE under Tonnage Deck	291.5
Do. of space or spaces between Tonnage Dk. and Upper Dk.	✓
Total	291.5
Gross Tonnage	380.8
Register Tonnage	165.5

REGISTERED DIMENSIONS.

	FEET.
Length	133.04
Breadth	23.55
Depth	11.18

CLASS + 100 A.1. *State if with freeboard as condition of Class* NO

		FEET.
Length *from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)*	L	130.0
Breadth (*greatest moulded*)	B	23.42
Depth, *at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)*	D	13.66
1st Longitudinal Number (L × D) =		1775
2nd Numeral L × (B + D) =		4820
Framing Depth "d," *at middle of length. See Sec. 3 (1d)*		12.58 + 11.17
Proportions—*Depth to Length—Uppermost continuous deck to top of keel*		9.6
Do. Long Bridge to top of keel		✓
Draught Moulded		12'-7"

Built at THORSKOG.

Launched 10TH DEC. 1920 *Yard No.* 206

Builders P. LARSSON

Owners A/S SOLSKIN

Managers HOLGER FISCHER
(*Where necessary to be entered in Reg. Book.*)

Residence OSLO

Port of Registry OSLO

If surveyed while building, afloat, ~~or in dry dock~~ AND ON SLIPWAY

YES.

FRAMES, DOUBLE BOTTOM AND BEAMS.

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	✓	22		✓
" " from ⅜ length to Collision bulkhead	✓	22		✓
" " in peaks	✓	22		✓
SIDE FRAMING.				
Frame Amidships, Angle, ~~E or [~~	4	2½	·44	APP. 4½ × 2½ × ·38
" " Extends up to	UPPER DECK			
~~**Reversed Frame Amidships,** Angle~~				
" " ~~Extends up to~~				
Depth of Framing Girder				
~~**Frames in Uppermost Continuous 'tween Decks,** Angle, [or [~~				
~~" " **Second 'tween Decks,** Angle, [or [~~				
~~" " **Third** " " " "~~				
	4½	2½	·30	AFT PEAK
Framing in Peaks, Angle ~~or [~~	4	2½	·34	FORE PEAK.
Diameter and Spacing of Rivets through Frame and Shell Plating amidships		5/8	4½	
State if Frame Joggled		NO		
ANTING ARRANGEMENTS (Sec. 7), state system and particulars	AS	PER	PLAN	
TRENGTHENING OF BOTTOM FORWARD. State Particulars	AS	PER	PLAN	
NGLE BOTTOM.				
Floors, Depth and thickness at mid-line in Holds		13	·30	
Height of Brackets at side above base line at toe of frame	FLOORS	CURVED		
Middle Line Keelson, on Floors, ~~Angles, E or [~~	5½	3	·36	
" " " ~~Through Plate or~~ Intercostal Plate		·32		
" " " ~~Foundation Plate on Floors~~				
" " " Flat Plate Keel Angles	3	3	·32	
ide Keelsons, No. each side		1		
" " thickness of Intercostal Plate		·28		
" " Angles	3	3	·30	
UBLE BOTTOM.				
olid Floors, thickness and spacing	·28	ALT.	FRAME	
" " Are Frame and Reversed Frame joggled ?		NO		
Bracket Floors, breadth and thickness at middle line		12	·28	
" " breadth and thickness at margin plate		12	·28	

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
Bracket Floors, Frame	3½	3	·30	
" " Reversed Frame	3	2½	·26	
" " Vertical Struts	5	3	·32	
Centre Girder, depth and thickness amidships		30	·36	
" " top Angles DOUBLE	3	3	·34	
" " bottom Angles DOUBLE	3½	3½	·36	
Side Girders, No. each side and thickness		1	·28	
Margin Plate depth (excl. of flange) and thickness		22½	·30	
" " Vertical Angle to Tank side Bracket abaft ¼ len. from stem	3	3	·28	
" " ~~Vertical Angle to Tank side Bracket forward ¼ len. from stem~~				
" " Gussets, spacing and scantling abaft ¼ len. from stem		NONE		
" " ~~Gussets, spacing and scantling forward ¼ len. from stem~~				
Tank Side Brackets, height above base line at toe of Frame and thickness		32	·28	
INNER BOTTOM PLATING.				
Breadth and thickness of Middle Line Strake		30	·34	
Thickness of remainder in Holds		·28		
~~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 ?~~				
BEAMS.				
Uppermost Continuous Deck, amidships in Wells, Angle, ~~E or [~~	5	3	·30	+ ½"
" " ~~in way of Bridge, Angle, E or [~~				
Spacing	EVERY FRAME			
~~**Second Deck,** amidships, Angle, [or [~~				
~~Spacing~~				
~~**Third Deck,** amidships, Angle, [or [~~				
~~Spacing~~				
~~**Fourth Deck,** amidships, Angle, [or [~~				
~~Spacing~~				
Poop Deck, ~~Angle, E or [~~	5½	2¾	·36	2 ROWS PILLARS
Spacing	ALT. FRAMES			
~~**Bridge Deck,** Angle, [or [~~				
~~Spacing~~				
Forecastle Deck, ~~Angle, E or [~~	5½	2¾	·36	2 ROWS PILLARS
Spacing	ALT. FRAMES			

1m,7.25. T.

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W128-0135(1/2)

PILLARS AND DECKS.

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows		ONE		
„ in 'tween Decks, Size and Spacing				
„ „ „ „ „				
„ in Holds „ „	AS	PER	PLAN	
„ „ „ „ „				
~~**Centre Line Bulkhead.**~~ ~~Stiffeners and Spacing~~				
~~Plating, thickness of~~				
STRINGERS AND DECKS. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells		42	·32	
„ „ „ „ ~~in way of Bridge~~				
„ Angle in Wells	3	3	·34	
Thickness of Plating abreast Deck openings in way of Wells		·32		
~~Thickness of Plating abreast Deck openings in way of Bridge~~				
Thickness of Plating within line of openings		·30		
~~If Sheathed, material and thickness~~				
~~**Second Deck.**~~ ~~Stringer Plate, breadth and thickness in Wells~~				

	Inches in Ship.			Any Departure from Approved Plans to be Noted.
Stringer Plate, breadth and thickness in way of Bridge				
Thickness of Plating abreast Deck openings in way of Wells				
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, breadth and thickness		14	·24	
~~Plating~~, Sheathing, material and thickness		FIR	2½	
~~**Bridge**~~ **Deck.** Stringer Plate, breadth and thickness				
Plating, Sheathing, material and thickness				
Forecastle Deck. Stringer Plate, breadth and thickness		14	·24	
~~Plating~~, Sheathing, material and thickness		FIR	2½	

SHELL PLATING.

Strakes.	Scantlings. As in Vessel. Amidships. Breadth. Inches.	Amidships. Thickness. Inches.	Forward. Thickness. Inches.	Aft. Thickness. Inches.	Any Departure from Approved Plans to be Noted.	Riveting. Edges. State if joggled? NO. Single or Double.	Edges. Rivets. Diam. Inches.	Edges. Rivets. Spacing cr. to cr. Inches.	Butts. No. of Rows of Rivets.	Butts. Rivets. Diam. Inches.	Butts. Rivets. Spacing cr. to cr. Inches.	Strapped or Lapped.
Flat Plate Keel	35	·50	·46	·46		DOUBLE	7/8	3 5/8	3	7/8	3 1/8	STRAPPED
„ ~~Dblg. (if any)~~												
Bottom Plating, No. of Strakes 2	48	·38	·34	·30	+ ·04 AMIDSHIPS	SINGLE	5/8	2½	2	5/8	2¼	LAPPED
Bilge Plating, No. of Strakes 1	52	·36	·34	·30	+ ·02 "	"	"	"	2	"	"	"
Side Plating, No. of Strakes 2	38	·36	·28	·28	+ ·02 "	"	"	"	2	"	"	"
Upper Deck, Sheer-strake in Wells	35	·36	·28	·28					(2)	3/4	2 5/8	STRAPPED
~~Upper Deck, Sheer-strake in Bridge~~												
Strake below Sheer-strake in Wells	35	·36	·28	·28		DOUBLE	3/4	3	2	5/8	2¼	LAPPED
~~Strake below Sheer-strake in Bridge~~												
Poop Side Plating				·24		SINGLE	5/8	2½	2	5/8	2¼	STRAPPED
~~Bridge Side Plating~~												
Forec'tle Side Plating			·24			SINGLE	5/8	2½	2	5/8	2¼	STRAPPED.

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) 3

„ Deck next below NONE

As per Rule 3 TO UPPER DECK.

	Plating Thickness.	Stiffeners. Vertical. Scantlings.	Vertical. Spacing.	Horizontal. Scantlings.	Horizontal. Spacing.
MIDSHIP BULKH'D, ~~Upper tween decks~~					
„ „ ~~Second~~ „					
„ „ ~~Third~~ „					
„ „ Holds FRAME 21	·40–·26	A 5½×3×·36	25½	NONE	
COLLISION „ (in Hold)	·30–·26	B.A. 6×3×·38	24	NONE	
AFTER PEAK „ „	·32–·26	B.A. 6½×3×·40	24	NONE.	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
~~KEEL, Bar~~				
STEM		6 × 1½		
STERN FRAME Propeller Post	CASTING	6 × 3¼	KOHLSWA JERNV. A.B.	
STERN FRAME Rudder „	"	5¾ × 3¼	"	
RUDDER—A×D		(42)		
Speed of Vessel		8¼ K		
RUDDER mainpiece at head	CASTING	3 × 2½	KOHLSWA JERNV. A.B. see plans	
„ „ heel		3 × 2½		
„ how constructed		CAST IN ONE PIECE		
„ double or single plate		DOUBLE		
„ coupling, vertical or horizontal		VERTICAL.		

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) THYSSEN-HÜTTE, GUTEHOFFNUNGSHÜTTE, GEWERKSCHAFT DEUTSCHER KAISER, RHEINISCHE STAHLWERKE, ABNAHME VERZEICHNIS

OPEN HEARTH PROCESS

Has the Steel been tested as required by the Rules? ALL STEEL TESTED BY GERMANISCHER LLOYD.

8?

EQUIPMENT No. 5085 LETTER e

ANCHORS.

Number of Certificate.	Anchors.	Weight, Ex. Stock. KG	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. KG.				Weight Required by Table 53. KG	Description of Anchor.	Makers.	Where and when tested and Superintendent.
114	1st Bower	432				8200				420	STOCKLESS	A.B. HALMSTADS JERN + STALVERK	HALMSTAD + GOTHENBURG 28-8-18 K.E.
115	2nd „	434				8200				405	"	"	"
	~~3rd~~ „												
	Collective weight.	866								825			
11501	Stream	2 2 10	3	18		5	2	2	0	2¾	ORDINARY	FELLOWS BROS LTD	CRAD. HEATH 4-10-21 J.W.
	KEDGE	KG 45	KG 12			2800 KG.					"	A.B. HALMSTAD J+S.	HALM + GOTH. 28-8-18 KE

CHAIN CABLES.

Number of Certificate.	Length and size supplied. Length. Fathoms.	Diam. Ins.	Test per Certificate. Statutory. KG	Breaking. KG	Weight of Chain Cable. Supplied. KG	Per Rule. KG	Length and Size per Table 53. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
	165	15/16	16100	24500	3698	3660	165	15/16	STUD LINK	TORSHAMMAR BROK	TORSHAMMAR 26-8-18 B.D.
~~Iron~~ Stream ~~Chain or~~ Steel Wire	45	Cir. 2¼		9½			45	Cir. 2¼			

HAWSERS AND WARPS.

Material.	Length and Size supplied. Length. Fathoms.	Cir. Ins.	Breaking Test of Steel Wire. Tons.	Length and Size per Table 53. Length. Fathoms.	Cir. Ins.
TOWLINE	75	2½	12½	75	2½
HAWSERS & WARPS	90	2¼	9½	90	2¼
"					
"					

Steering Gear, Steam NONE **Steering Gear, Hand** GOOD

Boats 2 GOOD **Steering Chains,** Size and Test 15·5 M.M 11·5 TONS **Windlass** STEAM GOOD

Ceiling in Holds, thickness and material 2½" PINE **Cargo Battens,** thickness, material and spacing 1½" PINE SPACED 9"

Cargo Hatchways.—(Upper Deck) STEEL COAMINGS **Thickness of Hatches** 3"

Size of **No. 1 Hatchway** (Forward) 23'-10" × 12'-0" **No. 2** 23'-10" × 12'-0" ~~**No. 3**~~ ~~**No. 4**~~ ~~**No. 5**~~ ~~**No. 6**~~

Number of **Shifting Beams** ~~and/or Fore and Afters~~ 5 IN EACH HATCH.

Builder's Signature P. Larsson
gm
Edvin Nilsson

GENERAL DECLARATION THIS VESSEL IS RECORDED IN THE REGISTER BOOK AS S/S "BRYNOLF" No. 65293, BUT HAS NOT BEEN COMPLETED FOR SEA-GOING PURPOSES UNTIL NOW, AND THEREFORE THE NEW OWNERS DO NOT DESIRE THE VESSEL TO BE DESIGNATED "EX BRYNOLF".

FOR DATE OF BUILD PLEASE SEE SECRETARY'S LETTER "S" OF THE 22ND JULY 1926.

THE ANCHORS AND CHAIN CABLES HAVE BEEN TESTED BY SURVEYORS TO THE BUREAU VERITAS IN CONNECTION WITH WHICH PLEASE SEE SECRETARY'S LETTER OF THE 9TH JULY 1926 INT. "M", REGARDING FURTHER TESTS CARRIED OUT BY US.

FOR TESTING OF STEEL PLATES AND ANGLES PLEASE SEE SECRETARY'S LETTER "S" OF THE 11TH FEB. 1915.

THE 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 MATERIALS AND WORKMANSHIP ARE GOOD.

THE W.T. BULKHEADS AND DECKS HAVE BEEN TESTED WITH WATER FROM A HOSE, AS PER RULE, AND FOUND TIGHT.

DOUBLE BOTTOM AND PEAK TANKS TESTED AS PER RULE.

WINDLASS AND STEERING GEAR TESTED

FORGINGS AND CASTINGS AS PER CERTIFICATES ENCLOSED.

The amount of Entry Fee ...... £ Kr : 54:60

Special Survey Fee .... £ Kr. : 693:06

Travelling Expenses, if any £ Kr. : 252.04

Fees applied for, 20/10/1926

Received by me, 28/10/26

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

State whether the Vessel has been built under Special Survey YES

Signature V. Bülow
Surveyor to Lloyd's Register of Shipping.

Hull & Mchy Certificate ~~to be~~ sent to SUR. OFFICE GOTHENBORG Date of issue 5/11/26.

The Surveyors are requested not to write on or below the Committee's Minute.

Committee's Minute FRI. 5 NOV 1926

Character assigned 100 A1.

+LMC 10.26

OG

Date of build :- 1926

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LR128-0135(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.*)

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

A GENERAL ARRANGEMENT PLAN OF THE VESSEL AS BUILT IS ENCLOSED HEREWITH FROM WHICH IT WILL BE SEEN THAT THE DOUBLE BOTTOM TANKS NOW EXTEND FROM FRAME 21 TO FRAME 44.

AS THE YARD IS AT PRESENT CLOSED IT HAS NOT BEEN POSSIBLE TO OBTAIN ANY FURTHER PLANS OF THE VESSEL AS BUILT.

SIGNAL LETTERS AND OFFICIAL NUMBER HAVE NOT YET BEEN ASSIGNED.

IT WILL BE OBSERVED THAT THE WEIGHT OF THE STREAM ANCHOR IS SLIGHLTLY LESS THAN REQUIRED BY THE RULES BUT THAT THE STOCK OF THE ANCHOR IS HEAVIER THAN REQUIRED.

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

1st Bower
2nd ,,
~~3rd~~ ,,

NO CERTIFICATES AVAILABLE

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 39 ft., ~~R.Q.D.~~ ~~ft.~~, ~~Bridge~~ ~~ft.~~, Forecastle 24 ft. (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*) 1 DK (STL)

Official No. ✓ ; Signal Letters ✓ Is bottom of Vessel coated with cement YES if not give particulars of composition ✓

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, ~~aft~~, MIDSHIPS	43	48
~~Double bottom, under Engines and Boilers~~,		
~~Double bottom, if under Engines only~~,		
~~Double bottom, if under Boilers only~~,		
~~Double bottom, forward~~,		
Total capacity of double bottom		48

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Fore peak tank,	14	23
After peak tank,	11	19
~~Deep tank, aft~~,		
~~Deep tank, forward~~,		
~~Other tanks, if fitted~~,		

(If necessary, furnish further information by sketch.)

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

Order for Special Survey No. 103

Date 22-11-17

Dates of Surveys held while building:

1920:- 1/3, 12/4, 11/5, 12/4, 12/4, 14/4, 1/10, 1/10, 8/11, 23/11, 9/12, 9/12

1921:- 13/5, 21/6, 11/10, 19/10

1922:- 29/5

1926:- 14/6, 28/6, 9/8, 9/10, 15/10, 18/10, 19/10.

Total No. of Visits 24.

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