

Vith or Without
connected Erections.

STEEL STEAMER.

State if Report is also sent on the Machinery of the Vessel

Received at London Office MAY 1923

Completion of report April 30 1923

held at GOTHENBURG

Date, First Survey Jan 9.

Port of GOTHENBURG

No. 5347

Last Survey APRIL 21

1923

State if Single, Twin, or Triple Screw

STEEL SINGLE SCREW STEAMER "STURE"

Rig SR.

Under Deck...
Tonnage Dk.
and 4th Dk.
Upper Dk. 244

Dk.
Large House
Castle
Decks on Dk.
is of Hatchways
Crown of
Room...
Image 301.4
Space
Crown of
Room...
OR FEES... 301
Room
tion Spaces

Tonnage Beam 190.8

CLASS 100 A 1

FEET.

Breadth (greatest moulded) 22.42

Depth, at middle of length from top of keel to top of upper deck beams at side 12.00 (6+D)

Transverse Number 34.42

Length on deck from fore part of stem to after part of stern post 121.17

Longitudinal Number 4169

Depth "d," at middle of length (See Secs. 2 & 13) 9.5

Proportions—Depth to Length—Upper Deck Beam at side to top of keel 10.1

Long Bridge Deck Beam at side to top of keel

Master

Year of appointment

Built at THORSKOG

When built 1915-5 Launched 16-4-1915

By whom built P. LARSSON

Owners BILLERUDS AKTIEBOLAG

Managers

Residence

Port belonging to SÄFFLE

Destined Voyage SÄFFLE

If Surveyed while Building, Afloat, or in Dry Dock BOTH

Rule 12.1

BREADTH

Feet. Inches.

DEPTH, ACTUAL

Top of Floors to top of Upper Dk. Beams

Feet. Inches.

Second Dk. Beams

Feet. Inches.

No. of Decks with flat laid

ONE

No. of Tiers of Beams

ONE

Length 121.95 breadth 22.50 depth 11.41

Moulded depth, ft. ins.

To Bridge Dk.

Round of Upper

Dk. Beam, Actual

6 ins.

FRAMING.

Angles, E or L Base amidships 90 65 8.5 90 65 7.5

Peaks 90 65 8.5 90 65 7.5

Way of Double Bottoms at Solid Floors 90 65 8.5 90 65 7.5

at intermdt. Bkts. 90 65 8.5 90 65 7.5

Frames from centre to centre amidships 560 560

from 1/2 length to Collision bulkhead

in peaks..

RED FRAME, Angles

Way of Double Bottoms at Solid Floors 75 65 7 75 65 7

at intermdt. Bkts. 75 65 8 75 65 7

G, depth of girder 90 90

depth and thickness of Floor Plate at mid-line for 1/2 length amidships

Way of Engine and Boiler Spaces

Thickness at the ends of vessel

Both at 1/2 the half breadth, as per Rule

Height extended at the Bilges

in Cell. Double Bottoms -28 28

state if flanged (top & bottom) NO NO

Spacing of Solid floors 1120 1120

GIRDER, in Dbl. bottom, dpth. & thickness 760 8.5 760 8.5

Angles, Top SINGLE 100 100 12.5 100 100 12.5

Bottom DOUBLE 75 75 7.5 75 75 7.5

to Floors SINGLE 75 65 8.5 75 65 7.5

Brackets at intermdt. frmg., width & thkness 500 9 500 7

RDERS, number on each side & thickness ONE 8 ONE 6.5

state if flanged (top and bottom) NO NO

Angles (top and bottom) 65 65 8.5 65 65 7

to Floors 65 65 8.5 65 65 7

PLATE, depth (exclusive of flange) NO MARGIN PLATE

and thickness 75 75 8 75 75 7.5

Angle to Outside Plating

Floors

Brackets at intermdt. frmg., width & thkness 485 9.5 485 7.5

Height of Outside Brackets above at bilge NO BILGES AS PER APP'D PLAN

Thickness of Middle Line Strake 1330 8 1330 8

in Engine and Boiler space

Remainder in Holds 8-7 8-6.5

Upper Deck, Single Angle, Bulb 115 75 7.5 115 75 7.5

Angle, Plate, Tee Bulb, or Channel

In way of Long Bridge

Spacing 560 560

Second Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb, or Channel

Spacing

PILLARS.

PILLARS In 'tween Deck, size and spacing

" " Hold " "

" " Quarter 'tween Dks., " "

" " in Hold " "

KEELSONS & STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

floors, Through Plate, or Intercostal Plate

" Rider Plate

" Flat Plate Keel Angles

" Horizontal Plates on Floors

" Angles or Bulb Angles

SIDE KEELSONS, Number

" Angles or Bulb Angles

" Plate above floors, for length

" Intercostal Plate, for length

" Attached to outside Plating with Angle

BILGE KEELSON, Angles

" Intercostal Plate for length

" Attached to outside Plating with Angle

SIDE STRINGERS, Number

" Angle

" Intercostal Plate, for length

" Attached to outside plating with Angle

Upper Deck Stringer Plate, br'dth & thickness

(clear of Bridge) 1950 8 1950 7.5

" " " " (br'dth & thickness)

" " " " (in way of Bridge) 75x75 7.5 75x75 7.5

" " " " Angle (clear of Bridge)

" " " " Tie Plate at sides of Hatchways

" Deck, * Iron or Steel, for FULL lng.

" " Thickness (clear of Bridge)

" " " " (in way of Bridge)

" " " " Wood Deck, Material & thickness

Second Deck Stringer Plate, br'dth & thickness

" Angles on ditto, No.

" Tie Plates outside Hatchways

" Deck, * Iron or Steel, for lng.

" " " " Wood Deck, Material & thickness

Third Deck Stringer Plate, br'dth & thickness

" Angles on ditto, No.

" Tie Plates outside Hatchways

" Deck, * Material and thickness

Fourth and Fifth Deck Stringer Plate, br'dth & thickness

" Angles on ditto, No.

" Tie Plates outside Hatchways

" Deck, Material & thickness

Poop Deck Stringer Plate, breadth & thickness

" Angle on ditto

" Tie Plates

" Deck, Material and thickness

Bridge Deck Stringer Plate, br'dth & thickness

" Angle on ditto

" Tie Plates

" Deck, Material and thickness

Forecastle Deck Stringer Plate, br'dth & thickness

" Angle on ditto

" Tie Plates

" Deck, Material and thickness

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Lloyd's Register
Foundation

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

WEB FRAMES.				FORGINGS or CASTINGS.				M/M	
WEB-FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness					
" " " brdth. & thickness				STEM, moulding and thickness					
" " " No. of Side Stringers " "				STERN-POST for Rudder do. do.				140x76 140x76	
WEB-FRAMES, In E. & B. Space, No. & spacing				" " for Propeller				140x76 140x76	
" " " brdth. & thickness				RUDDER-A&D* Table 22. Speed					
WEB-FRAMES, In After Body, No. and spacing				" Main-Piece, diameter at head				102 102	
" " " brdth. & thickness				" " at heel				76 76	
" " " No. of Side Stringers " "									
Size of Face Angles to Web-Frames.....									
BRACKET PLATES to Stringers between Web Frames, depth and thickness.....									
BULKHEADS.				STIFFENERS.				Single or Double Frames.	
Vessel. Per Rule.				Horizontal. Vertical.				Height up state deck.	
W.T.BULKHEADS									
" COLLISION "									
PARTITION "									
LONGITUDINAL.									
Are the outside Plates doubled two spaces of Frames in length?									
Are the Spline Valves and Watertight Doors in efficient working order?									
PLATING.				RIVETING.					
STRAKES.				EDGES, Ordinary or joggled? ORDINARY				BUTTS.	
AS IN SHIP.				PER RULE OR AS APPROVED.					
AMIDSHIP. FORWARD. AFT.				AMIDSHIP.					
Breadth. Thickness. Thickness. Thickness.				Breadth. Thickness.					
FLAT PLATE KEEL.....				DOUBLE 4 1/2 3/4 2 1/4				TREBLE 3/4 2 1/8 14 1/4 56	
GARBOARD OR A STRAKE				SINGLE 2 3/8 3/8 2 3/8				DOUBLE 3/8 2 1/4	
State actual thickness in way of Double Bottom.				" " " "				" " " "	
B " 1610 8 1				" " " "				" " " "	
C " 1480 8 1				" " " "				" " " "	
D " 1480 8 1				" " " "				" " " "	
E " 1280 8 1				" " " "				" " " "	
F " 1080 9 1				DOUBLE 4 1/2 3/4 2 1/4				" " " "	
G " "				" " " "				" " " "	
H " "				" " " "				" " " "	
J " "				" " " "				" " " "	
K " "				" " " "				" " " "	
L " "				" " " "				" " " "	
M " "				" " " "				" " " "	
N " "				" " " "				" " " "	
O " "				" " " "				" " " "	
P " "				" " " "				" " " "	
Q " "				" " " "				" " " "	
R " "				" " " "				" " " "	
S " "				" " " "				" " " "	
T " "				" " " "				" " " "	
U " "				" " " "				" " " "	
V " "				" " " "				" " " "	
W " "				" " " "				" " " "	
THICKNESS OF SHEET PILE									
CLEAR OF LONG BRIDGE									
DO. OF STRAKE BELOW									
DBLG. of Flat Plate Keel									
" Sheerstrakes									
Length and thickness.									
POOP SIDES									
SHORT BRIDGE SIDES									
FORECASTLE SIDES									
Upper Deck				Butts, Double riveted for FULL length amidship.				Butts of Side Stringers riveted.	
Stringer Plate				Straps, single, double or overlapped for FULL length amidship.				" Tie Plates riveted.	
Second Deck				Butts, riveted for length amidship.				Inner Bottom Plating, riveting of Edges SINGLE Butts DOUBLE.	
Stringer Plate				Straps, single or overlapped for length amidship.				Centre Girder Butts, TREBLE riveted. Keelson Butts, riveted.	
								Frames, riveted through Plates with 3/8 in. Rivets, about 4 1/2 apart.	
								Rivets, state whether Iron or Steel STEEL	
FRAMES extend in one length from CENTRE LINE TO TANKTOP (FROM TANKTOP TO UPPER DECK)				State if ordinary or joggled ORDINARY					
REVERSED FRAMES on floors and frames extend from CENTRE LINE TO TANKTOP AT SIDE				State if ordinary or joggled ORDINARY					
MASTS, SPARS, &c.									
Material. Total Length.				DIAMETER AND THICKNESS.				No. of Plates in round.	
				At Partners. Heel. Hounds. Head.				ANGLES.	
LOWER MASTS..... Fore Main Mizzen								Number. Size.	
Bowsprit								Seams. Butts.	
Topmasts, Yards and Remainder of Spars									
Rigging, Material and Size, Shrouds									
Stays									
Sails.				Suit of				Sails, and the following spare sails	

EQUIPMENT No. 4340				LETTER d				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS			
Number of Certificate.				Weight, Ex. Stock.				Test, Per Certificate.				Weight Required by Table 31.			
Cwts. qrs. lbs.				Cwts. qrs. lbs.				Tons. cwt. qrs. lbs.				Cwts. qrs. lbs.			
1st Bower															
2nd "															
3rd "															
4th "															
Collective weight.															
Stream															
Kedge															
Particulars of Drop Test of Cast Steel Anchors, viz. —				1st Bower											
Weight, Surveyor's Initials, Number of Certificate, Date of Test.				2nd "											
				3rd "											
				4th "											
CHAIN CABLES.				HAWERS AND WARPS.											
Number of Certificate.				Length and size supplied.				Test per Certificate.				Where and when tested, and Superintendent.			
Length. Diam.				Supplied. Per Table 31.				Description.				Material.			
Fathoms. Ins.				Cwts. qrs. lbs.				Fathoms. Ins.				Fathoms. Ins.			
Iron Stream				Length. Size ON BOARD											
Steel Wire				75 2 1/4 2 1/4 9 1/2				45 2 1/4							
Boats				Steering Gear, Steam				Steering Gear, Hand							
Pumps, Number				Diameter of Barrel				State whether they are in efficient working order							
Windlass is EMERSON WALKER (STEAM) TO BE FITTED LATER. SEE SURVEY REPORT				Capstan											
Engine Room Skylights.—How constructed?				What arrangements for deadlights in bad weather?											
Coal Bunker Openings.—How constructed?				How are lids secured?				Height above deck?							
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 7 FREEING PORTS.															
Ceiling in Holds, thickness and material 2 1/2" WHITE PINE				Cargo Battens, thickness and material 1 1/2" WHITE PINE											
Cargo Hatchways.—How formed? STEEL COAMINGS				Hatches, if strong and efficient? YES											
State size No. 1 Hatch (Forward) 31' 2" x 11' 11"				No. 2 Hatch 22' 0" x 11' 11"				No. 3 Hatch				No. 4 Hatch			
Number of Web Plates, Shifting Beams and Lugs and Lugs				G FOR No. 1 & 3 FOR No. 2 HATCHWAY											
Bulwarks, height above deck and description 37"				No. of Breasthooks				No. of Crutches							
The foregoing is a correct description				Main Rail, material and size STEEL 125 x 65 x 9.5" x 1/2"											
Builder's Signature (here only)				Surveyor's Signature				Surveyor's Signature				Surveyor's Signature			
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)															
Workmanship. Are the butts of plating planed or otherwise fitted? CAREFULLY FITTED															
Is the riveted work properly closed? YES															
Are the liners between the frames and plates solid single pieces? YES				Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? YES				Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? YES				Do any rivets break into or through the seams or butts of the plating? NO			
Are the butts of Plating, Stringers, &c., properly shifted and strapped? YES															
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? YES				State results of tests GOOD											
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? YES				State results of tests GOOD											
General Remarks (State quality of workmanship, &c.)															
PLEASE SEE GOV. REP. No 5347 ON THE SPECIAL SURVEY OF THIS VESSEL.															
CHAIN CABLE AND ANCHORS WILL BE PLACED ON BOARD AS PER SURVEY REPORT ATTACHED															
PLANS OF VESSEL AS NOW ALTERED & CERTIFICATES OF TEST FOR FORGINGS & CASTINGS ARE FORWARDED HEREWITH.															
The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.															
The amount of Entry Fee £ : : Fees applied for, 19															
Special Survey Fee £ : : Received by me, 19															
Travelling Expenses, if any £ : : 19															
State whether the Vessel has been under Special Survey YES															
I am of opinion this Vessel should be Classed SEE SURVEY REPORT ATTACHED															
With, or without Freeboard, as condition of Class															
Committee's Minute FRI. JUL. 6 1923															
Character assigned															
FRI. AUG. 3 1923															

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

No. and Material of Decks (if Iron or Steel) and whether entirely or partially covered with wood, and No. of tiers of Beams (this information is to be given as should appear in the Register Book)

Official No. Signal Letters State if Machinery is fitted aft

How are the surfaces preserved from oxidation? Inside Outside

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors CELLULAR SYSTEM

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, <u>aft, AMIDSHIPS</u>	<u>22</u>	<u>28</u>	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		
<u>28</u>			State whether the above have been tested as required by the Rules <u>YES</u>		

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

Order for Special Survey No.

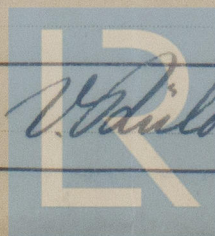
Date

No. in builder's yard.

DATES of Surveys held while building

SEE SURVEY REPORT ATTACHED

Surveyor's Signature



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