

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office
FRI. 12 NOV. 1915

State if Report is also sent on the Machinery of the Vessel *Yes.*

Date of completion of report *5th November 1915* Port of *Göteborg* No. *3223*
 Survey held at *Lödöse & Göteborg* Date, First Survey *19th October 1914* Last Survey *16th October 1915*
 On the *Steel Screw Steamer "Liri"* *Now System* (Ex-Bolt) Rig *Ln*
 CLASS *100A1* Master *J. Nilsson*
 Year of appointment *(1) As Master in service of owner of present vessel - 1904*
 (2) As Master of this vessel *1915*
 Built at *Lödöse*
 When built *1915* Launched *19th Aug. 1915*
 By whom built *Skibsk. Lödöse Varf*
 Owners *Skibsk. Lödöse Varf*
 Managers *C. A. Hallberg*
 (Where necessary to be entered in Reg. Book.)
 Residence *Göteborg*
 Port belonging to *Göteborg*

TONNAGE under Tonnage Deck...
 Do. between Tonnage Dk. and 3rd and 4th Dk. *235.19*
 Total under Upper Dk. *46.07*
 Do. of Poop *12.40*
 Do. of R.Q.Dk. *6.09*
 Do. of Bridge House *16.83*
 Do. of Forecastle *316.58*
 Do. of Houses on Dk. *46.09*
 Do. of excess of Hatchways *317*
 Do. above Crown of Engine Room *151.30*
 Gross Tonnage *26.28*
 Less Crew Space *142.00*
 Less above Crown of Engine Room *151.30*
 Tonnage for Fees *26.28*
 Room *142.00*
 Spaces *142.00*

Breadth (greatest moulded) *22.35*
 Depth, at middle of length from top of keel to top of upper deck beams at side *12.00*
 Transverse Number *34.25*
 Length on deck from fore part of stem to after part of stern post *121.50*
 Longitudinal Number *4161*
 Depth "d," at middle of length (See Secs. 2 & 13) *under 11*
 Proportions—Depths to Length—Upper Deck Beam at side to top of keel *10.1*
 " " Long Bridge Deck Beam at side to top of keel *✓*
 Destined Voyage *If Surveyed while Building, Afloat, or in Dry Dock Building & afloat*

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
121	6	Moulded	22	3	Top of Floors to top of Upper Dk. Beams	11	5 1/2	1
					Do. do. do. do. Second Dk. Beams			No. of Tiers of Beams 1

of Ship per Register, Length *119.28'* breadth *22.37'* depth *9.58'*
 Moulded depth, ft. *12* ins. *0* To Bridge Dk. Round of Upper Dk. Beam, Actual *6* ins.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	FORGINGS or CASTINGS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Angles, or E or L Bars amidships	✓ 3	2 1/2	26	3	2 1/2	26	KEEL, Bar, depth and thickness	5 3/4 x 1 1/4	5 3/4 x 1 1/4		
Plates	✓ 3	2 1/2	26				STEM, moulding and thickness	5 3/4 x 2 3/4	5 3/4 x 2 3/4		
Way of Double Bottoms at Solid Floors	✓ 3	2 1/2	26				STERN-POST for Rudder do. do.	5 3/4 x 2 3/4	5 3/4 x 2 3/4		
" " at intermediate Rkts.							" " for Propeller	5 3/4 x 2 3/4	5 3/4 x 2 3/4		
Frames from centre to centre amidships	21 1/2			21			RUDDER—A x D* Table 22	60.8			
" " from 1/2 length to Collision bulkhead	21 1/2						" Main-Piece, diameter at head	4 1/2			
" " length to Collision bulkhead in peaks	21 1/2						" " at heel	4 1/2			
DO FRAME, Angles	2 1/2	2 1/2	26	2 1/2	2 1/2	26	RUDDER, how constructed	Castled			
depth of girder	3			3			Can the Rudder be unshipped afloat?	Yes			
depth and thickness of Floor Plate at mid-line for 1/2 length amidships	12 1/2		130	12 1/2		30	KEELSONS & STRINGERS.				
Way of Engine and Boiler Spaces			12-38			24-38	CENTRE LINE KEELSON, Vertical Plate above floor, Through Plate, or Intercoastal Plate	17	132	17	32-28
Thickness at the ends of vessel	6 1/4		26	6 1/4		26	" Rider Plate	4 1/2	4 1/2	56	4 1/2
at 1/2 the half breadth, as per Rule	6 1/4		26	6 1/4		26	" Flat Plate Keel Angles	4 1/2	4 1/2	56	4 1/2
at extended at the Bilges	16 1/2						" Horizontal Plates on Floors	4 1/2	3 1/2	36	4 1/2
BRACKETS in Cell Dble Bottoms	36		38	36		38	" Angles or Bulb Angles	4 1/2	3 1/2	36	4 1/2
" state if flanged (top & bottom)	40						" SIDE KEELSONS, Number	One			
" Spacing	21			21			" Angles or Bulb Angles	3	3	28	3
ORDER, in Dbl. bottom, depth & thickness	36		36	36		36	" Plate above floors, for length	3	3	28	3
" Angles, Top	4 1/2	3	34	3	3	34	" Intercoastal Plate, for full length	3	3	28	3
" Bottom	4 1/2	4 1/2	36	4 1/2	4 1/2	36	" Attached to outside Plating with Angle	3	3	28	3
" to Floors	3	3	28	3	3	28	BILGE KEELSON, Angles				
PEERS, number on each side & thickness	One		28	One		28	" Intercoastal Plate for length				
state if flanged (top and bottom)	40			3	3	28	" Attached to outside Plating with Angle				
Angles	3	13	28	3	3	28	SIDE STRINGERS, Number				
LATE, depth (exclusive of flange) and thickness	19		30	19		30	" Angle				
" Angles to Outside Plating	3	3	30	3	3	30	" Intercoastal Plate, for length				
" Floors	3	3	28	3	3	28	" Attached to outside plating with Angle				
" Height of Brackets above at bilge	5						Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	38 1/2	34-26		34-26
BOTTOM PLATING, breadth and thickness of Middle Line Strake	58		134			34	" " " " (in way of Bridge)	3 x 3	32	3 x 3	32
" in Engine and Boiler space			28			28	" " " " Angle (clear of Bridge)				
" Remainder in Holds							" " " " Tie Plate at sides of Hatchways				
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4	3	30	4	3	30	" Deck * Iron or Steel, for full length		31-30		30-26
Angles on upper edge	21			21			" " " " Thickness (clear of Bridge)				
Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" " " " (in way of Bridge)				
Angles on upper edge							" " " " Wood Deck, Material & thickness				
Third or Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							Second Deck Stringer Plate, br'dth & thickness				
Angles on upper edge							" Angles on ditto, No.				
Fourth or Fifth Deck, Plate, Tee Bulb, or Channel							" Tie Plates outside Hatchways				
Angles on upper edge							" Deck * Iron or Steel, for length				
Wood Deck, Material & thickness							" Wood Deck, Material & thickness				
Third Deck Stringer Plate, br'dth & thickness							Third Deck Stringer Plate, br'dth & thickness				
" Angles on ditto, No.							" Angles on ditto, No.				
" Tie Plates outside Hatchways							" Tie Plates outside Hatchways				
" Deck * Material and thickness							" Deck * Material and thickness				
Fourth and Fifth Deck Stringer Plate, br'dth & thickness							Fourth and Fifth Deck Stringer Plate, br'dth & thickness				
" Angles on ditto, No.							" Angles on ditto, No.				
" Tie Plates outside Hatchways							" Tie Plates outside Hatchways				
" Deck * Material and thickness							" Deck * Material and thickness				
Poop Deck Stringer Plate, br'dth & thickness							Poop Deck Stringer Plate, br'dth & thickness				
" Angles on ditto							" Angles on ditto				
" Tie Plates							" Tie Plates				
" Deck, Material and thickness							" Deck, Material and thickness				
Bridge Deck Stringer Plate, br'dth & thickness							Bridge Deck Stringer Plate, br'dth & thickness				
" Angles on ditto							" Angles on ditto				
" Tie Plates							" Tie Plates				
" Deck, Material and thickness							" Deck, Material and thickness				
Forecastle Deck Stringer Plate, br'dth & thickness							Forecastle Deck Stringer Plate, br'dth & thickness				
" Angles on ditto							" Angles on ditto				
" Tie Plates							" Tie Plates				
" Deck, Material and thickness							" Deck, Material and thickness				

PLATING. RIVETING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. PLAT PLATE KEEL. GABBOARD OF A STRAKE. B. C. D. E. F. G. H. J. K. L. M. N. O. P. Q. R. S. DOUBLING OF PLATE KEEL. POOP SIDES. FORECASTLE SIDES. MASTS, SPARS, &c. LOWER MASTS. RIGGING, MATERIAL AND SIZE. EQUIPMENT No. 4405. LETTER d. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Pumps, Number. Windlass is. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. State size No. 1 Hatch. Number of Web Plates. Bulwarks. Builder's Signature. Surveyor's Signature.

Correspondence. State dates and initials of letters respecting this case. Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Are the butts of plating, Stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules? Have all the gutterways been tested as required by the Rules? General Remarks. Survey in accordance with the plans forwarded to the London Office under separate cover together with the approved plans, and all the requirements of the Rules have been complied with. Intermediate frames about 8 feet in depth have been fitted from stem to four frame spaces abaft of collision bulkhead. Longings and casings as per reports attached. The workmanship is good. This vessel has been sold to Mr. Harald Bjering of Bergen. Port of Registry: Bergen. The late Owners state that a stream anchor of the proper weight and lead has been ordered and will be placed on board as soon as received, which they expect will be in a few weeks time. PARTICULARS FOR RECORD in the REGISTER BOOK. Length of Poop 31 ft. R.Q.D. ft. Bridge ft. Forecastle 16 ft. No. and Material of Decks. Official No. 5738. Signal Letter Z K P. How are the surfaces preserved from oxidation? Inside Cement & paint. Outside Paint. PARTICULARS OF WATER BALLAST. State whether the Double bottom is constructed on the cellular system or with girders on floors. Double bottom, aft. Double bottom, under Engines and Boilers. Double bottom, if under Engines only. Double bottom, if under Boilers only. Double bottom, forward. The amount of Entry Fee. Special Survey Fee. Transferring Expenses. State whether the Vessel has been built under Special Survey. We are of opinion this Vessel should be Classed 100A1, 9.15. With or without Freeboard, as condition of Class without freeboard. Committee's Minute. Character assigned. 100A1. Subject. FRI. 11 FEB. 1916. FRI. 1 DEC. 1916. THU. 28 MAR. 1916. FRI. 26 APR. 1916. FRI. 4 AUG. 1916. TUE. 27 MAY. 1919. W494-0263 212

