

With or Without
Disconnected Erections.

STEEL STEAMER.

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

Date of completion of report 19th November 1921 Port of HELSINGFORS No. 131
Survey held at HELSINGFORS Date, First Survey 21-10-20 Last Survey 5th November 1921

On the (State if Single, Twin or Triple Screw) SINGLE SCREW STEAMER "SUOMEN POIKA" Rig Schooner

TONNAGE under Tonnage Deck... 839.65	CLASS + 100A.1.	FEET.	Master
Do. between Tonnage Dk. and 3rd and 4th Dk. 839.65	Breadth (greatest moulded) 33.42		Year of appointment (1) As Master in service of owner of present vessel: 10 (2) As Master of this vessel: 10
Total under Upper Dk. 839.65	Depth, at middle of length from top of keel to top of upper deck beams at side 16.84		Built at HELSINGFORS
Do. of Poop 70.50	Transverse Number 50.26		When built 1921-11 Launched 9-7-21
Do. of Bridge House 131.30	Length on deck from fore part of stem to after part of stern post 218.75		By whom built A.B. SANDVIKENS SKEPPSDOCKA T.M.V.
Do. of Forecastle 5.58	Longitudinal Number 10994		Owners SUOMEN VALTAMERENTAKAINEN K.O.Y.
Do. of Houses on Dk. 102.14	Depth "d" at middle of length (See Secs. 2 & 13) 13.77		Managers (Where necessary to be entered in Reg. Book.)
Do. of excess of Hatchways 25.37	Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.99		Residence
Do. above Crown of Engine Room 15.9	Do. Long Bridge Deck 10.90		Port belonging to HELSINGFORS
Gross Tonnage 1190.44			
Less Crew Space 12.75			
Less above Crown of Engine Room 15.9			
TONNAGE FOR FEES 1190.44			
Less Engine Room 252.01			
Less Navigation Spaces 530.7			

Register Tonnage 746.71 Destined Voyage England If Surveyed while Building, Afloat, AND in Dry Dock yes

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
218	9		33	5		14	11		1	1

of Ship per Register, Length 217.59 breadth 33.59 depth 13.68	Moulded depth, ft. 24 ins. 2	To Bridge Dk. Round of Upper Dk. Beam, Actual 10 ins.
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FRAMING.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	PILLARS.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
Angles, or E or L Bars amidships	150	75	9.5	150	75	9.5	PILLARS In 'tween Deck, size and spacing						
Do. at mid-line for length amidships	150	75	12	150	75	12	" " Hold						
Do. at mid-line for length amidships	130	75	9.5	130	75	9.5	" " Quarter 'tween Dks.,						
Way of Double Bottoms at Solid Floors	75	75	7.5	75	75	7.5	" " in Hold						
" " at intermdt. Bkts.	100	75	8.5	100	75	8.5							
Frames from centre to centre amidships	570			570			KEELSONS & STRINGERS.						
" " from #	570			570			CENTRE LINE KEELSON, Vertical Plate above						
" " length to Collision bulkhead	570			570			floors, Through Plate, or Intercostal Plate						
" " in peaks	570			570			" Rider Plate						
ED FRAME, Angles, R. & L. 3.5 F.	75	75	8.5	75	75	8.5	" Flat Plate Keel Angles						
Way of Double Bottoms at Solid Floors	75	75	7.5	75	75	7.5	" Horizontal Plates on Floors						
" " at intermdt. Bkts.	75	75	7.5	75	75	7.5	" Angles or Bulb Angles						
G. depth of girder	150	130					SIDE KEELSONS, Number						
depth and thickness of Floor Plate							" Angles or Bulb Angles						
at mid-line for length amidships							" Plate above floors, for length						
Way of Engine and Boiler Spaces							" Intercostal Plate, for length						
Thickness at the ends of vessel							" Attached to outside Plating with Angle						
at 1/2 the half breadth, as per Rule							BILGE KEELSON, Angles						
Height extended at the Bilges							" Intercostal Plate for length						
in Cell. Double Bottoms	75	8.5		75	8.5		" Attached to outside Plating with Angle						
state if flanged (top & bottom)	EVERY F. E. S. T. FOR 1/2	NO		EVERY F. E. S. T. FOR 1/2	NO		SIDE STRINGERS, Number 10.05, 2.2.9.05						
Spacing of Solid floors	ALTERNATE FRAMES 8.5-12.5	855	10	855	10	8.5	" Angle	115	90	9	115	90	9
GIRDER, in Dbl. bottom, dpth. & thknss.	855	10	8.5	855	10	8.5	" Intercostal Plate, for Full length		9			9	
" Angles, Top	90	90	13-12	90	90	13-12	" Attached to outside plating with Angle	75	75	8.5	75	75	8.5
" " Bottom	90	90	11.5-11	90	90	11.5-11	Upper Deck Stringer Plate, br'dth & thickness	1350	12.5		1350	12.5	
" " to Floors	75	75	7.5	75	75	7.5	(clear of Bridge)	1350	12.5		1350	12.5	
Brackets at intermdt. frmg., wdth & thknss	600	7.5	8.5	600	7.5	8.5	(br'dth & thickness)	100 x 100	12		100 x 100	12	
IRDERS, number on each side & thickness	1	7.5	8.5	1	7.5	8.5	(in way of Bridge)						
" state if flanged (top and bottom)	NO	TOP 8.5 10		NO	TOP 8.5 10		" Angle (clear of Bridge)						
" Angles (top and bottom)	75	75	7.5	75	75	7.5	" Tie Plate at sides of Hatchways						
" " to Floors	65	65	7.5	65	65	7.5	Deck. * Iron or Steel, for Full lng.						
N PLATE, width (exclusive of flange)	850	8.5	11.5	850	8.5	11.5	" Thickness (clear of Bridge)	10.5-7.5			10.5-7.5		
and thickness	850	8.5	11.5	850	8.5	11.5	" (in way of Bridge)	10.5-7.5			10.5-7.5		
" Angle to Outside Plating	90	90	8.5	90	90	8.5	Wood Deck, Material & thickness						
" " Floors	75	75	7.5	75	75	7.5	Second Deck Stringer Plate, br'dth & thickness						
Brackets at intermdt. frmg., wdth & thknss	720	7.5	8.5	720	7.5	8.5	" Angles on ditto, No.						
Height of Outside Brackets above at bilge	750			750			" Tie Plates outside Hatchways						
BOTTOM PLATING, breadth and thickness of Middle Line Strake	1350	9.5	8	1350	9.5	8	Deck. * Iron or Steel, for lng.						
" " in Engine and Boiler space	8.5	11.5		8.5	11.5		" Wood Deck, Material & thickness						
" " Remainder in Holds	8.5	8		8.5	8		Third Deck Stringer Plate, br'dth & thickness						
Upper Deck, Single Angle, Bulb	150	75	9	150	75	9	" Angles on ditto, No.						
Angle, Plate, Tee Bulb, or Channel	140	75	8.5	140	75	8.5	" Tie Plates, outside Hatchways						
In way of Long Bridge							" Deck. * Material and thickness						
Spacing	EVERY FRAME			EVERY FRAME			Fourth and Fifth Deck Stringer Plate, breadth & thickness						
Second Deck, Single Angle, Bulb							" Angles on ditto, No.						
Angle, Plate, Tee Bulb, or Channel							" Tie Plates outside Hatchways						
Spacing							" Deck. Material & thickness						
Third and Fourth Deck, Single Angle, Bulb							Poop Deck Stringer Plate, breadth & thickness						
Angle, Plate, Tee Bulb, or Channel							" Angle on ditto						
Angles on upper edge							" Tie Plates						
Spacing							" Deck. Material and thickness						
IS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							Bridge Deck Stringer Plate, br'dth & thickness	1100	7		1100	7	
Angles on upper edge							" Angle on ditto	75 x 75	7		75 x 75	7	
Spacing							" Tie Plates						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	115	75	7.5	115	75	7.5	" Deck. Material and thickness	STEEL	7		7		
" Angles on upper edge							Forecastle Deck Stringer Plate, br'dth & th'kns	750	7		750	7	
" Spacing	EVERY FRAME			EVERY FRAME			" Angle on ditto	75 x 75	7		75 x 75	7	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	115	75	7.5	115	75	7.5	" Tie Plates						
" Angles on upper edge							" Deck. Material and thickness	STEEL	7		7		
" Spacing	EVERY FRAME			EVERY FRAME									

Form No. 1A. WEB FRAMES. FORGINGS OR CASTINGS. BULKHEADS. COLLISION PARTITION. LONGITUDINAL. PLATING. STRAKES. UPPER DECK STRINGER PLATE. SECOND DECK STRINGER PLATE. FRAMES. REVERSED FRAMES. MASTS, SPARS, &C.

EQUIPMENT No. 12005. LETTER. ANCHORS. CHAIN CABLES. HAWSERS AND WARPS. Steering Gear, Steam. Steering Gear, Hand. Bulwarks. Correspondence. Workmanship. General Remarks. The Surveyor should state the Number of Report and Name of any Sister Vessel. The amount of Entry Fee. Special Survey Fee. Travelling Expenses. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With, or without Freeboard, as condition of Class. Committee's Minute. Character assigned. Lloyd's C.O. Subject. Lloyd's Register of Shipping.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK. Length of Poop 66. R.Q.D. 69.1 ft., Bridge 59.8 ft., Forecastle 19.3 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 wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as should appear in the Register Book) 1 dk (atl) State if Machinery is fitted aft No Official No. ✓ ; Signal Letters ✓ Outside Paint How are the surfaces preserved from oxidation? Inside Cement & Paint

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

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	58	109	Fore peak tank,	16	35
Double bottom, under Engines and Boilers,	38	82	After peak tank,	17	43
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	90	189	Other tanks, if fitted,		
Total capacity of double bottom		380	(If necessary, furnish further information by sketch.)		

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

State whether the above have been tested as required by the Rules. yes

Order for Special Survey No. ✓

Date ✓

No. 231 in builder's yard.

DATES of Surveys held while building

1920:- 21/10, 23/10, 26/10, 3/11, 6/11. 1921:- 15/1, 20/1, 4/2, 5/2, 21/2, 14/3, 23/3, 2/4, 11/4, 13/4, 19/4, 20/4, 22/4, 27/4, 29/4, 7/5, 11/5, 17/5, 21/5, 23/5, 25/5, 27/5, 29/5, 31/5, 2/6, 4/6, 6/6, 8/6, 10/6, 12/6, 14/6, 16/6, 18/6, 20/6, 22/6, 24/6, 26/6, 28/6, 30/6, 2/7, 4/7, 6/7, 8/7, 10/7, 12/7, 14/7, 16/7, 18/7, 20/7, 22/7, 24/7, 26/7, 28/7, 30/7, 1/8, 3/8, 5/8, 7/8, 9/8, 11/8, 13/8, 15/8, 17/8, 19/8, 21/8, 23/8, 25/8, 27/8, 29/8, 31/8, 2/9, 4/9, 6/9, 8/9, 10/9, 12/9, 14/9, 16/9, 18/9, 20/9, 22/9, 24/9, 26/9, 28/9, 30/9, 1/10, 3/10, 5/10, 7/10, 9/10, 11/10, 13/10, 15/10, 17/10, 19/10, 21/10, 23/10, 25/10, 27/10, 29/10, 31/10, 2/11, 4/11, 6/11, 8/11, 10/11, 12/11, 14/11, 16/11, 18/11, 20/11, 22/11, 24/11, 26/11, 28/11, 30/11, 1/12, 3/12, 5/12, 7/12, 9/12, 11/12, 13/12, 15/12, 17/12, 19/12, 21/12, 23/12, 25/12, 27/12, 29/12, 31/12.

Surveyor's Signature

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