

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office... TUE. 23 JAN. 1917

State if Report is also sent on the Machinery of the Vessel *yes* REC'D NEW YORK Jan. 2. 1917

Date of completion of report *December 28th* Port of *Seattle, Wash.* No. *479*

Survey held at *Seattle, Wash.* Date, First Survey *April 12th 1916* Last Survey *December 23rd 1916*

On the (State if Single, Twin, or Triple Screw) *Single Screw Steamer* *Hanna Nielsen* Rig *Schooner*

CLASS *F 100 A1* Master *L. J. Danielson*

Year of appointment *1916* (1) As Master in service of owner of present vessel: *1908*
(2) As Master of this vessel: *1916*

Built at *Seattle, Wash.* When built *1916* Launched *Oct. 21st 1916*

By whom built *Skinner & Eddy Corp.* Owners *Dampskibsselskabet*

Managers *B. Stolt-Nielsen* (Where necessary to be entered in Reg. Book.)
Residence *Haugesund, Norway*

Port belonging to *Haugesund*

Destined Voyage *Kobe.* If Surveyed while Building, Afloat, or in Dry Dock *Building*

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
1410	5	1/2	54	0		29	7	5	2	2
Moulded depth, ft. 38 ins. 3 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 1/2 ins.										
Moulded depth, ft. 29 ins. 9 To Upper Dk.										
Dimensions of Ship per Register, Length 140 ft. breadth 54 ft. depth 29 ft.										
FRAMING.			Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
FRAME, Angles, or C-Beams amidships			9	3/8	28-6	9	3/8	28-6		
Do. in peaks			6	3/2	11-4	6	3/2	11-4		
Do. in way of Double Bottoms at Solid Floors			3 1/2	3 1/2	9-8	3 1/2	3 1/2	9-8		
" " at intermdt. Bkts.										
Spacing of Frames from centre to centre amidships			24			24				
" " length to Collision bulkhead			24			24				
" " in peaks			3 1/2	3 1/2	7-9	3 1/2	3 1/2	7-9		
REVERSED FRAME, Angles, in Peaks			3 1/2	3 1/2	9-8	3 1/2	3 1/2	9-8		
Do. in way of Double Bottoms at Solid Floors										
" " at intermdt. Bkts.										
FRAMING, depth of girder			9			9				
FLOORS, depth and thickness of Floor Plate at mid line for length amidships										
" in way of Engine and Boiler Spaces										
" thickness, at the ends of vessel										
" depth at 1/2 the half breadth, as per Rule										
" height extended at the Bilges										
FLOORS in Cell. Double Bottoms			44	52	44	52				
" state if flanged (top & bottom)			no		no					
" Spacing of Solid floors			24		24					
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.			144	52	44	52				
" Angles, Top			3 1/2	3 1/2	12-4	3 1/2	3 1/2	12-4		
" Bottom			5	5	18-1	5	5	18-1		
" to Floors			5	5	18-1	5	5	18-1		
" Brackets at intermdt. frmg., wdth & thknss										
SIDE GIRDERS, number on each side & thickness			200	140	200	140				
" state if flanged (top and bottom)			no		no					
" Angles (top and bottom)			3 1/2	3 1/2	9-8	3 1/2	3 1/2	9-8		
" to Floors			3	3	8-3	3	3	8-3		
MARGIN PLATE, depth (exclusive of flange) and thickness			38	148	38	148				
" Angle to Outside Plating			4	4	12-8	4	4	12-8		
" Floors			3 1/2	3 1/2	9-8	3 1/2	3 1/2	9-8		
" Brackets at intermdt. frmg., wdth & thknss										
" Height of Outside Brackets above at bilge			68		68					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake			44	52	44	52				
" in Engine and Boiler space			Eng 52, B 56		Eng 52, B 56					
" Remainder in Holds				40		40				
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel			1/2 x 3438	18-6	1/2 x 3438	18-6				
" In way of Long Bridge			1/2 x 3438	18-6	1/2 x 3438	18-6				
" Spacing			24		24					
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel			12	3 1/2	32-4	12	3 1/2	32-4		
" Spacing			54		54					
BEAMS, Third and Fourth Decks, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel										
" Angles on upper edge										
" Spacing										
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel			9	3-8	28-6	9	3-8	28-6		
" Angles on upper edge										
" Spacing			54		54					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel			1/2 x 3438	18-6	1/2 x 3438	18-6				
" Angles on upper edge										
" Spacing			24		24					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel			1/2 x 3438	18-6	1/2 x 3438	18-6				
" Angles on upper edge										
" Spacing			24		24					
PILLARS.			Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
PILLARS, In 'tween Deck, size and spacing			3 1/2 @ 48"		3 1/2 @ 48"					
" Hold										
" Quarter 'tween Dks.										
" in Hold										
KEELSONS & STRINGERS.			Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal 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										
" Intercoastal Plate, for length										
" Attached to outside Plating with Angle										
BILGE KEELSON, Angles										
" Intercoastal Plate for length										
" Attached to outside Plating with Angle										
SIDE STRINGERS, Number			Two		Two					
" Angle			4	3 1/2	140	4	3 1/2	140		
" Intercoastal Plate, for full length			13	x	44	13	x	44		
" Attached to outside plating with Angle			3 1/2	3 1/2	9-8	3 1/2	3 1/2	9-8		
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)			62 x 66		62 x 66					
" " " " (br'dth & thickness (in way of Bridge))			62 x 48		62 x 48					
" " " " Angle (clear of Bridge)			5 x 5 x 23-6		5 x 5 x 23-6					
" " " " Tie Plate at sides of Hatchways										
" Deck * Iron or Steel, for full lng.			48 x 34		48 x 34					
" Thickness (clear of Bridge)			48		48					
" " " " (in way of Bridge)			40		40					
" Wood Deck. Material & thickness										
Second Deck Stringer Plate, br'dth & thickness			44 x 48		47 x 48					
" Angles on ditto, No.			3 1/2 x 3 1/2 x 11-1		3 1/2 x 3 1/2 x 11-1					
" Tie Plates outside Hatchways										
" Deck * Iron or Steel, for full lng.			36		36					
" 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 and thickness										
Poop Deck Stringer Plate, breadth & thickness			35 x 36		35 x 36					
" Angle on ditto			3 1/2 x 3 1/2 x 8-5		3 1/2 x 3 1/2 x 8-5					
" Tie Plates										
" Deck. Material and thickness			Steel 32		Steel 32					
Bridge Deck Stringer Plate, br'dth & thickness			56 x 56		56 x 56					
" Angle on ditto			5 x 5 x 20-0		5 x 5 x 20-0					
" Tie Plates										
" Deck. Material and thickness			Steel 42		Steel 42					
Forecastle Deck Stringer Plate, br'dth & thickness			35 x 36		35 x 36					
" Angle on ditto			3 1/2 x 3 1/2 x 8-5		3 1/2 x 3 1/2 x 8-5					
" Tie Plates										
" Deck. Material and thickness			Steel 32		Steel 32					

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

WEB FRAMES. In Fore Body, No. and spacing of beams, brdth. & thickness. No. of Side Stringers. WEB FRAMES, In E. & B. Space, No. and spacing of beams, brdth. & thickness. WEB FRAMES, In After Body, No. and spacing of beams, brdth. & thickness. No. of Side Stringers. BRACKET PLATES to Stringers between Web Frames, depth and thickness. BULKHEADS. W.T. BULKHEADS. COLLISION PARTITION. LONGITUDINAL. PLATING. STRAKES. RIVETING. EDGES. BUTTS. Upper Deck. Second Deck. FRAMES. REVERSED FRAMES. MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails.

EQUIPMENT No. 35819. LETTER Z. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. Particulars of Drop Test of Cast Steel Anchors. CHAIN CABLES. HAWSERS AND WARPS. Boats. Steering Gear, Steam Pumps, Number Two Double Acting. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. State size No. 1 Hatch. Number of Web Plates. Bulwarks. Correspondence. Workmanship. 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 (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks. This vessel has been built in accordance with the approved plans, copies of which are in the London office. The Secretary's letters of the above dates and in general conformity to the rules for the class contemplated. Two forging and casting reports are herewith enclosed. One transverse w.t. bulkhead in the forward hold and one transverse w.t. bulkhead in the after hold has been dispensed with; 5 w.t. bulkheads are now fitted to the upper deck. A letter dated Sept. 25th 1916 from the Owners representative requesting the omission of the above bulkheads in this vessel was forwarded with the first entry report of the 'Niels Nielsen'. This is a sister vessel to the 'Niels Nielsen' Reg. No. 472. 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. Note: axcl. Equip. to Z. Elec. Light.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 43.5 ft., R.Q.D. ✓ ft., Bridge 114.75 ft., Forecastle 44.0 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 it should appear in the Register Book) 2 DKS (STL)

Official No. ; Signal Letters

State if Machinery is fitted aft

no

How are the surfaces preserved from oxidation? Inside paint & cement

Outside paint

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, aft,	135.0	411	Fore peak tank,	22.0	120
Double bottom, under Engines and Boilers,	45.0	184	After peak tank,	16.0	140
Double bottom, if under Engines only,			Deep tank, aft,	✓	
Double bottom, if under Boilers only,	145.5	603	Deep tank, forward,	✓	
Double bottom, forward,	355.50		Other tanks, if fitted, OIL SETTLING TANK. AMIDSHIPS	6.45	80
TOTAL LENGTH OF DB TANKS =		1198	(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. 4

Date 24th March 1916

No. 2 in builder's yard.

DATES of Surveys held while building

April 26, 29, May 9, 18, 24, June 2, 5, 13, 16, 23, 24, 30, July 1, 8, 12, 18, 20, 24, 28, 31, Aug- 2, 3, 4, 11, 18, 22, 23, 25, 30, Sept 5, 8, 13, 15, 18, 21, 22, 28, Oct 2, 6, 10, 13, 16, 14, 19, 20, 21, 31, Nov 2, 6, 8, 11, 12, 14, 16, 18, 24, 29, Dec 4, 8, 11, 15, 20, 23,

Total No. of Visits 63

Surveyor's Signature

W. R. Collins

Lloyd's Register Foundation