

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office

State of Report is also sent on the Machinery of the Vessel $\frac{7}{10}$

Date of completion of report 21 AUG 1920

Port of SUNDERLAND

No. 27905

Survey held at SUNDERLAND

Date, First Survey 19 Nov 19

Last Survey 4 August 1921

On the (Single, Twin, Triple Screw)

S.S. WILLIAM BLUMER

Rig F. & A. Schooner

TONNAGE under Tonnage Deck

CLASS 100A1

FEET.

Master Harald Jensen

Year of appointment

(1) As Master in service of owner of present vessel 1895
(2) As Master of this vessel 1920

Built at SUNDERLAND

When built 1920

Launched July 14th 1920

By whom built J. Blumer & Co. Ltd

Owners C. H. Sorensen, Esq.

Managers

(Where necessary to be entered in Reg. Book.)

Residence Arendal

Port belonging to Arendal

Do. between Tonnage Dk. and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of R.Q.Dk.

Do. of Bridge (House in)

Do. of Forecastle (in)

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of Engine Room

Gross Tonnage

Less Crew Space

Less above Crown of Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage

as out on Beam

Breadth (greatest moulded)

Depth, at middle of length from top of keel to top of upper deck beams at side

Transverse Number

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

Longitudinal Number

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

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

" " Long Bridge Deck Beam at side to top of keel

Destined Voyage Montreal

If Surveyed while Building, Afloat, or in Dry Dock $\frac{7}{10}$

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
356	0		48	5		23	11		ONE

Dimensions of Ship per Register, Length 356.8 breadth 48.7 depth 23.8	Moulded depth, ft. 32 ins. 11	To Bridge Dk. Round of Upper Dk. Beam, Actual 16 ins.
	Moulded depth, ft. 25 ins. 11	To Upper Dk.

FRAMING.						PILLARS.					
FRAME, Angles, or Bars amidships						PILLARS In between Deck, size and spacing					
Do. in peaks	7	3 1/2	36	7	3 1/2	" " Hold	2 1/4	49	as App.		
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	36	3 1/2	3 1/2	" " Quarter 'tween Dks.					
" " at intermdt. Bkts.	6	3 1/2	42	6	3 1/2	" " in Hold					
Spacing of Frames from centre to centre amidships	24 1/2			24 1/2							
" " from #	24 1/2			24 1/2							
" " length to Collision bulkhead	24			24							
" " in peaks											
REVERSED FRAME, Angles	Bulb Angle			Framing							
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	36	3 1/2	3 1/2						
" " at intermdt. Bkts.											
FRAMING, depth of girder	10			10							
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships											
" " in way of Engine and Boiler Spaces											
" " thickness at the ends of vessel											
" " depth at 3/4 the half breadth, as per Rule											
" " height extended at the Bilges											
FLOORS in Cell, Double Bottoms	36			36							
" " state if flanged (top & bottom)	No			No							
" " Spacing of Solid floors	49			49							
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.	40	48		40	48						
" " Angles, Top	4 x 4 x 58			4 x 4 x 58							
" " Bottom	4 x 4 x 58			4 x 4 x 58							
" " to Floors	6 x 6 x 42			6 x 6 x 42							
" " Brackets at intermdt. frmg., wdth & thknss	24 x 36			24 x 36							
SIDE GIRDERS, number on each side & thickness	3	36		3	36						
" " state if flanged (top and bottom)	No			No							
" " Angles (top and bottom)	3 1/2 x 3 1/2 x 36			3 1/2 x 3 1/2 x 36							
" " to Floors	3 x 3 x 36			3 x 3 x 36							
MARGIN PLATE, depth (exclusive of flange) and thickness	37	42		37	42						
" " Angle to Outside Plating	3 1/2 x 3 1/2 x 42			3 1/2 x 3 1/2 x 42							
" " Floors	3 1/2 x 3 1/2 x 36			3 1/2 x 3 1/2 x 36							
" " Brackets at intermdt. frmg., wdth & thknss	21 x 36			21 x 36							
" " Height of Outside Brackets above at bilge	30			30							
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	70 x 42			70 x 42							
" " in Engine and Boiler space	465	585		465	585						
" " Remainder in Holds	42	36		42	36						
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9 x 3 1/2 x 50			9 x 3 1/2 x 50							
" " In way of Long Bridge	5 1/2 x 3 x 46			5 1/2 x 3 x 46							
" " Spacing	Every			Frame							
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel											
" " Spacing											
BEAMS, Third and Fourth Deck, 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	6 x 3 x 40			6 x 3 x 40							
" " Angles on upper edge											
" " Spacing	Every			Frame							
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 x 3 x 44			8 x 3 x 44							
" " Angles on upper edge											
" " Spacing	Every			Frame							
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9 x 3 1/2 x 44			9 x 3 1/2 x 44							
" " Angles on upper edge											
" " Spacing	Every			Frame							
						Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)					
						" " " " br'dth & thickness (in way of Bridge)					
						" " " " 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, breadth & 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 & th'kns					
						" " Angle on ditto					
						" " Tie Plates					
						" " Deck, Material and thickness					

WEB FRAMES. In Fore Body, No. and spacing. No. of Side Stringers. WEB-FRAMES, In E. & B. Space, No. & spacing. WEB-FRAMES, In After Body, No. and spacing. BRACKET PLATES to Stringers between Web Frames, depth and thickness. BULKHEADS. W.T. BULKHEADS. COLLISION PARTITION. LONGITUDINAL. PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. Riveting. Upper Deck. Second Deck. FRAMES extend in one length from Centre Girders to Margins of Thwarts to Upper & Bridge Deck. REVERSED FRAMES on floors and frames extend from Centre Girders to Margin plates. MASTS, SPARS, &c. Lower Masts. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails.

EQUIPMENT No. 28275. LETTER W. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. Number of Certificate. Anchors. WEIGHT, EX STOCK. WEIGHT OF STOCK. TEST, PER CERTIFICATE. WEIGHT REQUIRED BY TABLE 31. Description of Anchor. Makers. Where and when tested and Superintendent. Particulars of Drop Test of Cast Steel Anchors, viz.: Weight, Surveyor's Initials, Number of Certificate, Date of Test. CHAIN CABLES. HAWSERS AND WARPS. Boats. Steering Gear, Steam. Steering Gear, Hand. Pumps, Number. Diameter of Barrel. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Ceiling in Holds, thickness and material. Cargo Hatchways. State size No. 1 Hatch (Forward). No. 2 Hatch. No. 3 Hatch. No. 4 Hatch. Number of Web Plates, Shifting Beams and Fore and Afters. No. of Breasthooks. No. of Crutches. Bulwarks, height above deck and description. The foregoing is a correct description of the vessel. Builder's Signature. Correspondence. Workmanship. Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Are the butts of plating planed or otherwise fitted? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks. The vessel has been constructed in accordance with the approved plans & the Rules. The materials & workmanship are good. The vessel is very similar to the same build as S.S. Rygja. The assigned Freeboards were not marked on the vessel's sides. Please return the approved plans for guidance in similar vessel construction. Committee's Minute. Character assigned. 10001. Lloyd's a & C. P. Lloyd's Register of Shipping. 002024-002031-0101

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 35.0 ft., R.Q.D. ✓ ft., Bridge 220.5 ft., Forecastle 30.0 (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 should appear in the Register Book) 1 Deck Steel.
Official No. ✓; Signal Letters ✓ State if Machinery is fitted aft NO
How are the surfaces preserved from oxidation? Inside Paint in Oil. (Floor & T. Top under Boilers) Paint Outside Paint.

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

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	122.5	310	Fore peak tank,	18.0	67
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	18.0	109
Double bottom, if under Engines only,	24.5	87	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	18.37	Dry Tank	Deep tank, forward,	✓	✓
Double bottom, forward,	147.0	405	Other tanks, if fitted,	✓	✓
Total capacity of double bottom		802	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 312.57

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

Order for Special Survey No. 275

Date

9.1.17

No. 244 in builder's yard.

DATES OF SURVEYS held while building

1919 Nov. 19. 24 Dec. 2. 9. 10. 11. Jan. 5. 12. 17. 21. 26. 28. 29. Feb. 6. 10. Mar. 1. 25. 29. Apr. 14. 16. 19. 22. 27.
May 5. 7. 14. 17. 20. Jun. 2. 7. 9. 11. 14. 30. Jul. 2. 8. 9. 13. 19. 27. 28. Aug. 3. 6. 9. 10. 11. 14.

Surveyor's Signature

W.E. May.

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