

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office.

Received at London Office.

Date of completion of report 11th March 1911

Survey held at Howdon-on-Tyne

On the *St. Servus Steamer*

State if Report is also sent on the Machinery of the Vessel *Yes (See No. 24731)*

Port of *Newcastle-on-Tyne*

No. *59945*

Date, First Survey *7th June 1910*

Last Survey *2nd March 1911*

Rig *Fore & aft*

TONNAGE under Tonnage Deck... *4091.13*

Do. between Tonnage Dk. and 3rd and 4th Dk. *3.94*

Total under Upper Dk. *42.82*

Do. of Poop Chart House *3.13*

Do. of Bridge House in Bridge *38.56*

Do. of Forecastle *24.15*

Do. of Houses on Dk. *41.68*

Do. of excess of Hatchways *25.19*

Do. above Crown of Engine Room *4240.60*

Gross Tonnage *4240.60*

Less Crew Space *79.25*

Less above Crown of Engine Room *25.19*

TONNAGE FOR FEES... *4166.16*

Engine Room *1366.59*

Navigation Spaces *133.00*

Water Ballast Space *14.05*

Register Tonnage *2756.96*

cut on Beam

CLASS *100A1.*

FEET.

Breadth (greatest moulded) *48.66*

Depth, at middle of length from top of keel to top of upper deck beams at side *29.00*

Transverse Number *77.66*

Length on deck from fore part of stem to after part of stern post *380.0*

Longitudinal Number *29510*

Depth "d," at middle of length (See Secs. 2 & 13) *17.0*

Proportions—Depths to Length—Upper Deck Beam at side, to top of keel *13.1*

" " Long Bridge Deck Beam at side to top of keel *10.5*

Master *H. G. Alldridge*

Year of appointment *(1) As Master in service of owner of present vessel—1911 (2) As Master of this vessel—February 1911*

Built at *Howdon-on-Tyne*

When built *1911* Launched *31st January 1911*

By whom built *Northumbrian S. B. Co. Ltd*

Owners *Furness Withy & Co. Ltd*

Managers

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

Residence *London*

Port belonging to *West Hartlepool*

Destined Voyage *West Coast of America* If Surveyed while Building, Afloat, or in Dry Dock *Special Survey.*

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
<i>380</i>	<i>-</i>	<i>-</i>	<i>48</i>	<i>8</i>	<i>-</i>	<i>26</i>	<i>5 1/2</i>	<i>-</i>	<i>Two</i>	<i>Two</i>

Dimensions of Ship per Register, Length *380.0* breadth *49.0* depth *26.5* Moulded depth, ft. *36* ins. *0* To Bridge Dk. Round of Upper Dk. Beam, Actual *1 1/2* ins. Moulded depth, ft. *29* ins. *0* To Upper Dk.

FRAMING.	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.
FRAME, Angle, or <i>E</i> or <i>L</i> Bars amidships	<i>9</i>	<i>3 1/2</i>	<i>52</i>	<i>9</i>	<i>3 1/2</i>	PILLARS, In 'tween Deck, size and spacing	<i>2 3/8</i>	<i>4-2</i>	<i>2 3/8</i>	<i>4-2</i>
Do. in peaks	<i>7</i>	<i>3 1/2</i>	<i>40</i>	<i>6 1/2</i>	<i>3 1/2</i>	" " Hold	<i>3 3/4</i>	<i>4-2</i>	<i>3 3/4</i>	<i>4-2</i>
Do. in way of Double Bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	<i>3 1/2</i>	<i>3 1/2</i>	" " Quarter 'tween Dks.,	<i>Double Channels</i>	<i>as per Appd Plan</i>		
" " at intermdt. Bkts.	<i>✓</i>					" " in Hold	<i>Four Angles</i>			
Spacing of Frames from centre to centre amidships		<i>25</i>			<i>25</i>	KEELSONS & STRINGERS.				
" " " " from $\frac{3}{4}$ length to Collision bulkhead		<i>25</i>			<i>25</i>	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate				
" " " " in peaks		<i>24</i>			<i>24</i>	" Rider Plate				
REVERSED FRAME, Angles						" Flat Plate Keel Angles				
Do. in way of Double Bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	<i>3 1/2</i>	<i>3 1/2</i>	" Horizontal Plates on Floors				
" " at intermdt. Bkts.	<i>✓</i>					" Angles or Bulb Angles				
FRAMING, depth of girder		<i>9</i>			<i>9</i>	SIDE KEELSONS, Number				
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{3}{4}$ length amidships	<i>✓</i>					" Angles or Bulb Angles				
" in way of Engine and Boiler Spaces	<i>✓</i>					" Plate above floors, for length				
" thickness at the ends of vessel	<i>✓</i>					" Intercoastal Plate, for length				
" depth at $\frac{3}{4}$ the half breadth, as per Rule	<i>✓</i>					" Attached to outside Plating with Angle				
" height extended at the Bilges	<i>✓</i>					BILGE KEELSON, Angles				
FLOORS & BRACKETS in Cell Dble Bottoms		<i>44-40</i>			<i>44-40</i>	" Intercoastal Plate for length				
" " state if flanged (top & bottom)	<i>Flanged to tank top</i>					" Attached to outside Plating with Angle				
" " Spacing	<i>On every frame</i>					SIDE STRINGERS, Number	<i>One in after hold + two in fore hold</i>			
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	<i>42 x 50-40</i>	<i>42 x 50-40</i>				" Angle	<i>6 1/2</i>	<i>3 1/2</i>	<i>48</i>	<i>6 1/2</i>
" " Angles, Top	<i>3 1/2</i>	<i>3 1/2</i>	<i>50</i>	<i>3 1/2</i>	<i>3 1/2</i>	" Intercoastal Plate, for as per plan length	<i>12 1/2 x 42</i>		<i>12 1/2 x 42</i>	
" " Bottom	<i>4 1/2</i>	<i>4 1/2</i>	<i>60</i>	<i>4 1/2</i>	<i>4 1/2</i>	" Attached to outside plating with Angle	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>	<i>3 1/2</i>
" " to Floors	<i>5</i>	<i>5</i>	<i>50</i>	<i>5</i>	<i>5</i>	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	<i>58 x 34 x 64-42</i>		<i>58 x 34 x 64-42</i>	
SIDE GIRDERS, number on each side & thickness	<i>One 42-40</i>	<i>One 42-40</i>				" " br'dth & thickness (in way of Bridge)	<i>58 x 46</i>		<i>58 x 46</i>	
" " state if flanged (top and bottom)	<i>Flanged to floors</i>					" " Angle (clear of Bridge)	<i>5 x 5 x 66</i>		<i>5 x 5 x 66</i>	
" " Angles (top and bottom)	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	<i>3 1/2</i>	<i>3 1/2</i>	" Tie Plate at sides of Hatchways	<i>✓</i>		<i>✓</i>	
" " to Floors	<i>✓</i>					" Deck * <i>Iron or Steel</i> , for <i>full</i> lng.	<i>44-32</i>		<i>44-32</i>	
MARGIN PLATE, depth (exclusive of flange) and thickness	<i>35 x 46</i>	<i>35 x 46</i>				" Thickness (clear of Bridge)	<i>✓</i>		<i>✓</i>	
" " Angles to Outside Plating	<i>3 1/2</i>	<i>3 1/2</i>	<i>46</i>	<i>3 1/2</i>	<i>3 1/2</i>	" " (in way of Bridge)	<i>34</i>		<i>34</i>	
" " Floors	<i>5</i>	<i>5</i>	<i>40</i>	<i>5</i>	<i>5</i>	" Wood Deck. Material & thcknss	<i>✓</i>		<i>✓</i>	
" " Height of Brackets above at bilge	<i>3-6</i>				<i>2-0</i>	Second Deck Stringer Plate, br'dth & thickness	<i>46 x 34 x 46-42</i>		<i>46 x 34 x 46-42</i>	
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>42 x 50-40</i>	<i>42 x 50-40</i>				" Angles on ditto, No. <i>Two</i>	<i>3 1/2-3 1/2-46 x 42</i>		<i>3 1/2-3 1/2-46 x 42</i>	
" " in Engine and Boiler space	<i>35 x 56 x 48</i>	<i>35 x 56 x 48</i>				" Tie Plates outside Hatchways	<i>✓</i>		<i>✓</i>	
" " Remainder in Holds	<i>40-34</i>	<i>40-34</i>				" Deck * <i>Iron or Steel</i> , for <i>full</i> lng.	<i>34-30</i>		<i>34-30</i>	
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>5 1/2</i>	<i>3</i>	<i>34</i>	<i>5 1/2</i>	<i>3</i>	" Wood Deck. Material & thickness	<i>✓</i>		<i>✓</i>	
" Angles on upper edge	<i>✓</i>					Third Deck Stringer Plate, br'dth & thickness	<i>✓</i>		<i>✓</i>	
" In way of Long Bridge	<i>5 1/2</i>	<i>3</i>	<i>34</i>	<i>5 1/2</i>	<i>3</i>	" Angles on ditto, No.	<i>✓</i>		<i>✓</i>	
" Spacing	<i>On every frame</i>					" Tie Plates, outside Hatchways	<i>✓</i>		<i>✓</i>	
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8 1/2</i>	<i>3 1/2</i>	<i>50</i>	<i>8 1/2</i>	<i>3 1/2</i>	" Deck * Material and thickness	<i>✓</i>		<i>✓</i>	
" Angles on upper edge	<i>✓</i>					Fourth and Fifth Deck Stringer Plate, breadth & thickness	<i>✓</i>		<i>✓</i>	
" Spacing	<i>On alternate frames</i>					" Angles on ditto, No.	<i>✓</i>		<i>✓</i>	
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>✓</i>					" Tie Plates outside Hatchways	<i>✓</i>		<i>✓</i>	
" Angles on upper edge	<i>✓</i>					" Deck. Material & thickness	<i>✓</i>		<i>✓</i>	
" Spacing	<i>✓</i>					Poop Deck Stringer Plate, breadth & thickness	<i>34 x 34</i>		<i>34 x 34</i>	
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>5 1/2</i>	<i>3</i>	<i>40</i>	<i>5 1/2</i>	<i>3</i>	" Angle on ditto	<i>3 1/2 x 3 1/2 x 34</i>		<i>3 1/2 x 3 1/2 x 34</i>	
" Angles on upper edge	<i>✓</i>					" Tie Plates	<i>✓</i>		<i>✓</i>	
" Spacing	<i>On every frame</i>					" Deck. Material and thickness	<i>Steel</i>	<i>26</i>	<i>26</i>	
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>5 1/2</i>	<i>3</i>	<i>40</i>	<i>5 1/2</i>	<i>3</i>	Bridge Deck Stringer Plate, br'dth & thickness	<i>59 x 54</i>		<i>59 x 54</i>	
" Angles on upper edge	<i>✓</i>					" Angle on ditto	<i>4 1/2 x 4 1/2 x 56</i>		<i>4 1/2 x 4 1/2 x 56</i>	
" Spacing	<i>On every frame</i>					" Tie Plates	<i>✓</i>		<i>✓</i>	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>6</i>	<i>3</i>	<i>40</i>	<i>6</i>	<i>3</i>	" Deck. Material and thickness	<i>Steel</i>	<i>36</i>	<i>36</i>	
" Angles on upper edge	<i>✓</i>					Forecastle Deck Stringer Plate, br'dth & th'kns	<i>34 x 34</i>		<i>34 x 34</i>	
" Spacing	<i>On every frame</i>					" Angle on ditto	<i>3 1/2 x 3 1/2 x 34</i>		<i>3 1/2 x 3 1/2 x 34</i>	
						" Tie Plates	<i>✓</i>		<i>✓</i>	
						" Deck. Material and thickness	<i>Steel & P.P.</i>	<i>26 Steel</i>	<i>26 Steel</i>	

* 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. No. of Side Stringers. WEB-FRAMES, In E. & B. Space, No. and spacing. WEB-FRAMES, In After Body, No. and spacing. BULKHEADS. W.T. BULKHEADS. COLLISION PARTITION. LONGITUDINAL. PLATING. STRAKES. RIVETING. BUTTS. UPPER DECK. SECOND DECK. FRAMES. REVERSED FRAMES. MASTS, SPARS, &c. LOWER MASTS. BOWSPRIT. TOPMASTS. RIGGING. SAILS.

EQUIPMENT No. 30603. LETTER X. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Steering Gear, Steam. Steering Gear, Hand. Pumps. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Hold. 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 rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? 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. The approved plans in number are herewith attached. Sister vessel of S. Dalecrest. 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 Register of British and Foreign Shipping.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 30.5 ft., R.Q.D. ✓ ft., Bridge 93.78 ft., Forecastle 32. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *The Poop is not joined to the Bridge Deck.*

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) *2 Sko (Stl) 2 tiers of beams.*

Official No. *127466* ; Signal Letters.

State if Machinery is fitted aft. *Amidships*

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,	<i>129</i>	<i>365</i>	Fore peak tank,		
Double bottom, under Engines and Boilers,	<i>42</i>	<i>145</i>	After peak tank,		<i>50</i>
Double bottom, if under Engines only,	<i>✓</i>		Deep tank, aft,		<i>✓</i>
Double bottom, if under Boilers only,	<i>✓</i>		Deep tank, forward,		<i>✓</i>
Double bottom, forward,	<i>165</i>	<i>480</i>	Other tanks, if fitted,		<i>✓</i>
Total capacity of double bottom		<i>990</i>	(If necessary, furnish further information by sketch.)		<i>✓</i>

* 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. *4161*

Date

7.2.10.

No.

146

in builder's yard.

DATES OF SURVEYS held while building

1910
Jan. 7.14.16 Feb. 5.25.26 Aug. 19.29 Sep. 1.8.9.14.21.26.27.29 Oct. 5.6.7.13.17.18.20.
Nov. 1.10.16.21.25.30 Dec. 2.5.9.29 Jan. 6.9.12.16.18.23.27.31 Feb. 27.28 Mar. 1.2

Surveyor's Signature

Alex. Munro

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Total No. of Visits *4*

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