

With or Without  
Disconnected Erections.

STEEL STEAMER.

Received at London Office... TUE. DEC. 29. 1914

Date of completion of report 28<sup>th</sup> December 1914 Port of Middlesbrough No. 8780.  
Survey held at Middlesbrough Date, First Survey 27<sup>th</sup> April Last Survey 27<sup>th</sup> Nov 1914  
On the (State if Single, Twin, or Triple Screw) S.S. "Aukeride" Rig Fore & Aft Schooner

TONNAGE under  
Tonnage Deck...  
Do. between Tonnage Dk. and 3rd and 4th Dk.  
Total under Upper Dk. 460.42  
Do. of Poop 97.08  
Do. of R.Q. Dk. 16.29  
Do. of Bridge House 17.06  
Do. of Forecastle 16.80  
Do. of Houses on Dk. 37.73  
Do. of excess of Hatchways  
Do. above Crown of Engine Room...  
Gross Tonnage 648.38  
Less Crew Space 38.82  
Less above Crown of Engine Room...  
TONNAGE FOR FEES... 609.56  
Less Engine Room 207.48  
Less Navigation Spaces 29.22

CLASS \* 100A1 FEET.  
Breadth (greatest moulded) 27.79  
Depth, at middle of length from top of keel to top of upper deck beams at side 13.50  
Transverse Number 41.29  
Length on deck from fore part of stem to after part of stern post 180  
Longitudinal Number 7432.2  
Depth "d," at middle of length (See Secs. 2 & 13) 11.25  
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.50  
" " Long Bridge Deck Beam at side to top of keel X

Master John George Russell  
Year of appointment (1) As Master in service of owner of present vessel: 1909  
(2) As Master of this vessel: 1914  
Built at Middlesbrough  
When built 1914.12 Launched 18/11/14  
By whom built W. Harkness & Son Ltd  
Owners The Wear Steam Shipping Co Ltd  
Managers Messrs Rose Bros.  
(Where necessary to be entered in Red Book)  
Residence Sunderland  
Port belonging to Sunderland

Register Tonnage as cut on Beam 372.86 Destined Voyage Newcastle If Surveyed while Building, Afloat, or in Dry Dock Yes.  
LENGTH on Deck as per Rule 180 0 BREADTH Moulded 27 9 1/2 DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 11 6 1/2 No. of Decks with flat laid 1  
Do. do. do. do. do. Second Dk. Beams 6 1/2 No. of Tiers of Beams 1  
Moulded depth, ft. ins. To Bridge Dk. Round of Upper 7 ins.  
To Upper Dk. Dk. Beam, Actual 7 ins.

FRAMING.						PILLARS.					
Inches in Ship.						Inches in Ship.					
FRAME, Angles, or Bars amidships						PILLARS, In 'tween Deck, size and spacing					
Do. in peaks						" " Hold					
Do. in way of Double Bottoms at Solid Floors						" " Quarter 'tween Dks.,					
" " at intermdt. Plats.						" " in Hold					
Spacing of Frames from centre to centre amidships						KEELSONS & STRINGERS.					
" " from 1/2 length to Collision bulkhead						CENTRE LINE KEELSON, Vertical Plate above floor, Through Plate, or Intercoastal Plate					
" " in peaks						" Rider Plate					
REVERSED FRAME, Angles, Floors, in B.S.						" Flat Plate Keel Angles					
Do. in way of Double Bottoms at Solid Floors						" Horizontal Plates on Floors					
" " at intermdt. Plats.						" Angles or Bulb Angles 4 FLOORS					
FRAMING, depth of girder						SIDE KEELSONS, Number One					
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						" Angles or Bulb Angles					
" in way of Engine and Boiler Spaces						" Plate above floors, for length					
" thickness at the ends of vessel						" Intercoastal Plate, for full length					
" depth at 1/2 the half breadth, as per Rule						" Attached to outside Plating with Angle					
" height extended at the Bilges						BILGE KEELSON, Angles					
FLOORS in Cell. Double Bottoms						" Intercoastal Plate for length					
" state if flanged (top & bottom)						" Attached to outside Plating with Angle					
" Spacing of Solid floors						SIDE STRINGERS, Number One in way of No. 1 & two in way R.Q.B.					
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.						" Angle One					
" Angles, Top Single						" Intercoastal Plate, for full length					
" Bottom						" Attached to outside plating with Angle					
" to Floors						Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)					
" Brackets at intermdt. frmg., width & thcknss						" " " (br'dth & thickness in way of Bridge)					
SIDE GIRDERS, number on each side & thickness						" " " Angle (clear of Bridge)					
" state if flanged (top and bottom)						" " " Tie Plate at sides of Hatchways					
" Angles (top and bottom)						" Deck * Iron or Steel, for full lng.					
" to Floors						" Thickness (clear of Bridge)					
MARGIN PLATE, depth (exclusive of flange) and thickness						" " (in way of Bridge)					
" Angle to Outside Plating						" Wood Deck. Material & thickness					
" Floors						R.Q.B. Second Deck Stringer Plate, br'dth & thickness					
" Brackets at intermdt. frmg., width & thcknss						" Angles on ditto, No.					
" Height of Outside Brackets above at bilge						" Tie Plates outside Hatchways					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						" Deck * Iron or Steel, for full lng.					
" in Engine and Boiler space						" Wood Deck. Material & thickness					
" Remainder in Holds						Third Deck Stringer Plate, br'dth & thickness					
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Angles on ditto, No.					
" In way of Long Bridge						" Tie Plates, outside Hatchways					
" Spacing						" Deck * Material and thickness					
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Fourth and Fifth Deck Stringer Plate, breadth & thickness					
" Spacing						" Angles on ditto, No.					
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Tie Plates outside Hatchways					
" Angles on upper edge						" Deck. Material & thickness					
" Spacing						Poop Deck Stringer Plate, breadth & thickness					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Angle on ditto					
" Angles on upper edge						" Tie Plates					
" Spacing						" Deck. Material and thickness					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Bridge Deck Stringer Plate, br'dth & thickness					
" Angles on upper edge						" Angle on ditto					
" Spacing						" Tie Plates					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Deck. Material and thickness					
" Angles on upper edge						Forecastle Deck Stringer Plate, br'dth & th'kns					
" Spacing						" Angle on ditto					
						" Tie Plates					
						" Deck. Material and thickness					



WEB FRAMES. In Fore Body, No. and spacing. Inches in Ship. Inches in Ship. Inches per Rule. Inches per Rule. OR as approved.

FORGINGS or CASTINGS. Inches in Ship. Inches per R. le Or as approved.

KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. do. for Propeller. RUDDER-A x D Table 22. Speed. Main-Piece, diameter at head. at heel.

BULKHEADS. Number. Thickness. STIFFENERS. Horizontal. Vertical. Single or Double Frames. Height up, state deck.

W.T. BULKHEADS. A.P. 5/17/24. 40/26. 4.3.36 24 Single R.A.B. 4.3.30. B.R. 32/28. 5/2.3.40 30. COLLISION PARTITION. 8/18. 30. 5/2.3.38 24. 11.10. 27/18. 25. 3.3.30 30. R.A.B. LONGITUDINAL.

Are the outside Plates doubled two spaces of Frames in length? Brackets. Are the Sluice Valves and Watertight Doors in efficient working order?

PLATING. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. Ordinary or jogged? Riveting. BUTTS. STRAPS. IF LAPPED.

FLAT PLATE KEEL. GARBOARD or A Strake. State actual thickness in way of Double Bottom. SHEER. THICKNESS OF STRAKE CLEAR OF LONG BRIDGE. Do. OF STRAKE BELOW DECK. of Flat Plate Keel. Sheerstrakes. Length and thickness. DOOR SIDES. SHORT BRIDGE SIDES. FORECASTLE SIDES.

Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

Upper Deck. Butts, riveted for. 3/4 length amidship. Butts of Side Stringers. Double. riveted. Stringer Plate. Straps, single, double or overlapped for full length amidship. Tie Plates. riveted. Second Deck. Butts, riveted for. length amidship. Inner Bottom Plating, riveting of Edges. Single. Butts. Double. riveted. Centre Girder Butts, riveted. Keelson Butts, riveted. Frames, riveted through Plates with 3/4 in. Rivets, about 5/4 apart. Rivets, state whether Iron or Steel. Iron.

FRAMES extend in one length from Bulk margin to Weather deck. State if ordinary or jogged. Ordinary. REVERSED FRAMES on floors and frames extend from centre line to bilge. State if ordinary or jogged. Ordinary.

MASTS, SPARS, &c. LOWER MASTS. Fore. Main. Mizzen. Tigger. P.P. 45'0". 14". 13". 12 1/2". 10". 3". One. 18' x 4/10. 18' x 4/10. 12' x 7/10. 11". 10". 9 1/2". 8". 3". One. Rigging, Material and Size, Shrouds 3". Stays 3/4". Sails. None fitted. Suit of.

EQUIPMENT No. 8206. 94. LETTER. 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.

18429 1st Bower. 16 3 0 PA 3550 18 0 2 1/4 16 3 0 Byers Buckle A.L. Byers Co. Ltd. 21.8.14. L. Stafford. 18443 2nd. 16 3 0 2585 18 0 2 1/4 16 3 0 24.8.14. 18452 3rd. 14 3 7 MR 513 16 7 3 7 14 2 0 21.8.14. 4th. 48 1 7 48 0 0 10696 Stream. 4 3 21 1 1 0 7 6 0 0 4 3 0 Common. 10697 Kedg. 2 3 14 3 0 5 8 0 0 12 1 0.

CHAIN CABLES. Length and size supplied. Test per Certificate. Weight of Chain Cable. Length and size per Table 31. Description. Makers of Cables. Where and when tested and Superintendent.

15492 210 1/4 28 1/2 4 1/2 169 2 0 168 0 0 210 1/4 Steel R. Dykes & Co. Ltd. 18/9/14. 3.11.14. 60 3 18 60 3 18 60 3 18 60 3 18.

HAWSERS AND WARPS. Length and size supplied. Test per Certificate. Breaking Test of Steel Wire. Length and size per Table 31. Description. Makers. Where and when tested and Superintendent.

15492 210 1/4 28 1/2 4 1/2 169 2 0 168 0 0 210 1/4 Steel R. Dykes & Co. Ltd. 18/9/14. 3.11.14. 60 3 18 60 3 18 60 3 18 60 3 18.

Boats & Lifeboats 19' x 6'3" x 2'3". 10' x 4'6" x 1'10". Steering Gear, Steam Donkin 16" & Steering Gear, Hand combined. Pumps, Number. Diameter of Barrel. State whether they are in efficient working order. Windlass is. Capstan. Engine Room Skylights. How constructed? What arrangements for deadlights in bad weather? Coal Bunker Openings. How constructed? How are lids secured? Height above deck? Ceiling in Holds, thickness and material. Cargo Battsens, thickness and material. Cargo Hatchways. How formed? Hatches, If strong and efficient? 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 to each Hatch. No. of Breasthooks. No. of Crutches. Bulwarks, height above deck and description. Main Rail, material and size. The foregoing is a correct description. Surveyor's Signature. Builder's Signature (here only).

Correspondence. State dates and initials of letters respecting this case. Reference should be made in any correspondence connected with the case. E 30.9.14. M. 1914. 16. Apr. 16. June 5, Nov. 13, 21, Dec. 8. 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? Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Do any rivets break into or through the seams or butts of the plating? 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 (State quality of workmanship, &c.).

This vessel has been built in accordance with the Approved Plans as amended, the Secretary's letters of the above dates and in other respects in general conformity with the Society's rules. A combined steam & hand steering gear is fitted on the Bridge deck & connected to quadrant by rods, chains & buffer springs. Spare tiller fitted. Deck steps to receive quadrant. Freeboards assigned, marked on vessels sides & verified.

To complete the S.C. survey the following remains to be done, viz:- Deck Pumps to test (don'ton to be tried from furthest suction), Steam & Hand Steering Gear and Windlass to be tested, bilge suction pipes to be completed & casing to be riveted up (Sunderland Surveyors advised).

5 Approved Plans. The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built. 2 Forging Certs. The amount of Entry Fee. £ 3 : 0 : 0. Fees applied for, £ 23/12/1914. Special Survey Fee. £ 30 : 10 : 0. Received by me. Travelling Expenses, if any £ : : :. Certificate to be sent to. Adm Office Date of issue. 10/15. State whether the Vessel has been built under Special Survey. Yes. On Completion of survey. I am of opinion this Vessel should be Classed. 100 A. Surveyor to Lloyd's Register of Shipping. With, or without Freeboard, as condition of Class. Committee's Minute. FRI. JAN. 6-1915. Character assigned. 100A. 12. 14. Lloyds A & C. O. 2.12.14.



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 119.16 ft., R.Q.D. 119.16 ft., Bridge 11 ft., Forecastle 22.12 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated The raised quarter deck & bridge are joined

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) One Deck (Iron)  
Official No. 137246; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft Yes  
How are the surfaces preserved from oxidation? Inside Paint, Bitumifa & Cement, Outside Paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	<u>15.8</u>	<u>33.40</u>
Double bottom, under Engines and Boilers,			After peak tank,	<u>7.33</u>	<u>27.83</u>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>104.5</u>	<u>136.43</u>	Other tanks, if fitted,		
	Total capacity of double bottom	<u>136.43</u>	(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. Satisfactory

Order for Special Survey No. 1084  
Date 23-3-1914  
No. 208 in builder's yard.  
DATES of Surveys held while building  
1914 Apr. 27. 30. May 8. 14. 18. 19. 20. 25. 26. Jun 8. 12. 18. 24. 25. 29. Jul. 14. 17. 22. 24. 28. 29. 30. 31. Aug. 3. 6. 7. 10. 14. 20. 21. 22. 23. 27. 28. 29. Nov. 5. 9. 12. 13. 16. 20. 24. 27.  
Total No. of Visits 58

Surveyor's Signature Wm L. Gilman  
Lloyd's Register Foundation