

1 or 2 Dks., R.Q.Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

Received at London Office
SAT. 27 JAN 1894
29666

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

Date of completion of Report

25th Jan

Port of Newcastle

No. 29666 Survey held at

South Shields Date, First Survey 10th Oct. 1893

Last Survey 20th Jan 1894

On the

Steamer "Greileigh"

Rig

Dandy

Master

L. Greenblade

TONNAGE under
Tonnage Deck...

268.14

ONE OR TWO DECKED VESSEL.

CLASS 100A

FEET.

Year of appointment

(1) As master in service of
owner of present vessel: 1894
(2) As master of this
vessel: 1894

Built at

South Shields

When built

1894

Launched

7th Dec 1893

By whom built

P. Rennoison & Son

Owners

D. N. Bain & Co

Managers

(Where necessary to be entered in Reg. Book)

Residence

Portsmouth

Port belonging to

Pengance

of Poop

20.33

of Raised Qr.

12.64

Do. of Bridge House

9.83

Do. of Houses on Deck

118.25

Do. of excess of Hatchways

18.04

Do. above Crown of

347.26

Gross Tonnage

25.61

Less Crew Space

321.65

Less above Crown of

111.12

TONNAGE FOR FEES

210.53

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

Destined Voyage

Boasting

Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck Feet. Inches. BREADTH—Feet. Inches. DEPTH—Feet. Inches. Power of Engines Horse. No. of Decks with Flat laid No. of Tiers of Beams

as per Rule 139 0 Moulded 23 6 Top of Floors to Main Deck 10 0 45 1

Dimensions of Ship per Register, Length 140.0 breadth 23.65 depth 9.75 Moulded Depth, ft. 10 ins. 6 Round of Beam 6 inches.

FRAMING.				FORGINGS AND CASTINGS.			
Inches in Ship.	Inches in Ship.	16ths or 32nds in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	16ths or 32nds in Ship.	Inches per Rule Or as Approved.
FRAME, Angles <u>2 1/2</u> Bars, for <u>1/2</u> length amidships				KEEL, Bar or Side Plates depth and thickness <u>6 1/4 x 1 7/8</u>			
Do. for <u>1/2</u> at each end				STEM, moulding and thickness <u>6 1/4 x 1 7/8</u>			
Do. in way of Double Bottoms at Solid Floors.				STERN-POST for Rudder do. do. <u>6 1/4 x 3 1/4</u>			
" " at intermdt. Bkts.				" for Propeller <u>5</u>			
Distance of Frames from moulding edge to moulding edge, all fore and aft				MAIN PIECE of Rudder, diameter at head <u>3 3/4</u>			
REVERSED FRAME, Angles <u>2 1/2</u> Bars, for <u>1/2</u> length amidships				do. at heel <u>2 1/4</u>			
DEEP FRAMING, depth of girder <u>1 space</u>				RUDDER, how constructed <u>Builder</u>			
FLOORS, depth and thickness of Floor Plate <u>2 1/2</u>				Can the Rudder be unshipped afloat? <u>Yes</u>			
at mid-line for <u>1/2</u> length amidships				KEELSONS AND STRINGERS.			
" in way of Engines and Boilers				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
thickness at the ends of vessel				" Rider Plate			
depth at <u>1/2</u> the half breadth, as per Rule				" Bulb Plate to Intercoastal Keelson			
height extended at the Bilges				" Horizontal Plates on Floors			
FLOORS & BRACKETS, in Cell Dble Bottoms				" Angles			
" Distance apart				SIDE KEELSON, Angles			
CENTRE GIRDER, in Double Bottom, depth and thickness				" Bulb or Plate above floors for <u>80</u> lng.			
" Angles, Top				" Intercoastal Plate for <u>28</u> feet length			
" Bottom				" Attached to outside plating with Angle			
SIDE GIRDERS, number and thickness				BILGE KEELSON, Angles			
" Angles				" Bulb or Plate above floors for <u>3/5</u> len.			
MARGIN PLATE, depth (exclusive of flange) and thickness				" Intercoastal Plate for length			
" Angles				" Attached to outside plating with Angle			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				BILGE STRINGER Angles			
" thickness in Engine and Boiler space				" Bulb Plate for length			
" Remainder in Holds				" Intercoastal Plate for length			
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				" Attached to outside plating with Angle			
" Angles on Upper Edge				SIDE STRINGER Angles			
" Average space				" Bulb or Intercoastal Plate for lng.			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				" Attached to outside plating with Angle			
" Angles on Upper Edge				Main and Raised Quarter Deck Stringer Plate, breadth and thickness			
" Average space				" Angle on ditto			
BEAMS, Hold, Plate or Tee Bulb				" Tie Plates fore & aft, outside Hatchway			
" Angles on Upper Edge				" Diagonal Tie Plates on Bms., No. of Pairs			
" Average space				" Main Dk* Iron or Steel for <u>full</u> lng.			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb				" R. Q. Dk* Iron or Steel for <u>full</u> lng.			
" Angles on Upper Edge				" Wood Deck, Material & thickness			
" Average space				Lower Deck Stringer Plate, breadth and thickness			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb				" Angles on ditto, No.			
" Angles on Upper Edge				" Tie Plates, outside Hatchways			
" Average space				" Deck* Material and thickness			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb				Hold Stringer Plate			
" Angles on Upper Edge				" Angles on ditto, No.			
" Average space				Poop Deck Stringer Plate, breadth & thickness			
PILLARS, In 'tween Decks, Size and Spacing				" Angle on ditto			
" Hold <u>3 spaces</u>				" Tie Plates			
" Quarter, 'tween Dks., "				" Deck, Material and thickness			
" in Hold				Bridge Deck Stringer Plate, brdth & thickness			
WEB FRAMES, In <u>Fore</u> Body, No. and Spacing				" Angle on ditto			
" Brdth. & Thickness <u>15</u>				" Tie Plates			
" No. of Side Stringers				" Deck, Material and thickness			
WEB FRAMES, In E. & B. Space, No. & Spacing				Forecastle Deck Stringer Plate, brdth & thckns <u>Iron 5th</u>			
" Brdth. & Thickness				" Angle on ditto			
WEB FRAMES, In After Body, No. and Spacing				" Tie Plates			
" Brdth. & Thickness				" Deck, Material and thickness <u>Iron</u>			
" No. of Side Stringers				* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.			
" Size of Angles or Tee Bars to Web Frames				BULKHEADS.			
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness				In Vessel. Per Rule. Thickness.			
				Horizontal. Vertical. Spacing.			
				Single or Double Frames. Height up.			
				W.T. BULKHEADS			
				PARTITION			
				LONGITUDINAL			
				Are the outside Plates doubled two spaces of Frames in length?			

PLATING. RIVETING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. Includes tables for Flat Plate Keel, Doubling of Flat Plate Keel, and various strake specifications with handwritten measurements.

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates outside Plating, &c.? *Plate Stockton Malleable Iron Co.*

FRAMES extend in one length from *Keel* to *Gunwale*. REVERSED FRAMES on floors and frames extend from *Bilge to bilge across middle line to R. 2. 5*. Forecastle alternate to deck in way of hatchways alternate.

MASTS, SPARS, &c. Material. Total length. At Partners. Heel. Hounds. Head. No. of Plates in round. ANGLES. Number. Size. RIVETING. Seams. Butts. Includes Lower Masts, Bowsprit, Topmasts, Yards and Remainder of Spars, Rigging, Material and Size, Shrouds, Sails.

EQUIPMENT No. *6539* LETTER *A* TONNAGE FOR TRAWLERS U.Dk. ANCHORS.

Table with columns: Number of Certificate, Anchors, Weight, Ex Stock, Weight of Stock, Test, Per Certificate, Weight Reg. by Rule, Description of Anchor, Makers, Where and when tested and Superintendent. Includes entries for 1st Bower, 2nd, 3rd, Stream, Kedge, 2nd Kedge.

CHAIN CABLES. HAWSERS AND WARPS. Table with columns: Number of Certificate, Fathoms, Size, Test per Certificate, Weight of Chain Cable, Fathoms and Size Per Rule, Description, Makers of Cables, When and where tested, and Superintendent, Material, Fathoms, Size, Breaking Test of Steel Wire Towline, Fathoms and Size Per Rule.

Boats *Two* Pumps, Number *Two* Diameter of Barrel and Tail Pipe *5"* *2 1/2"* Windlass is *Iron Patent* Capstan *One* Engine Room Skylights. How constructed? *Iron casing* What arrangements for deadlights in bad weather? *Glass lights* Coal Bunker Openings. How constructed? *Hatches* How are lids secured? *Iron bands* Height above deck? *8" side 2' 6" 1' 6"* Number of Scuppers, and number and dimensions of Freeing Ports, &c. *4 Scuppers on each side. 6 Ports each.* Ceiling in Holds, thickness and material *2" Red pine* Ceiling 'tween Decks, thickness and material *—* Cargo Hatchways. How formed? *Iron Coaming* Hatches. If strong and efficient? *Solid* State size No. 1 Hatch (Forward) *19' 3" x 12' 0"* No. 2 Hatch *28' 0" x 12' 0"* No. 3 Hatch *—* No. 4 Hatch *—* Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *1. hatch one web 11' 2' hatch 2 webs. 3 sets* of fore & afters each hatch *6 x 6 American Elm* No. of Breasthooks *3* No. of Crutches *3* Bulwarks, height above deck and description *Iron 4' 0"* Main Rail, material and size *Iron 5' x 2 1/2" Built Angle* The above is a correct description. Builder's Signature *J. P. H. ...* Surveyor's Signature *B. Montalvey* Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

(M) 25th July 1893 (E) 1st November 1893.

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed*

Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? *Yes*

to plate, &c, conform well to each other? *Yes*

from the faying surfaces? *Yes*

Do any rivets break into or through the seams or butts of the plating? *A few*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes*

General Remarks (State quality of workmanship, &c.)

This is an Iron Screw Steamer intended for coasting trade. Built in accordance with the Rules & approved plans. She has a strong wood Chafing keel on each side fitted between angles 3x3x6 & an Iron chafing plate on each side as shown on section. Workmanship & Material good. Three Web frames are fitted on each side in way of large main hatchway.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *50* ft., R.Q.D. or Break *9.6* ft., Bridge Dk *9.6* ft., F'castle *9.6* ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. 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) *Deck Iron. One tier of beams*

Official No. *9554*; Signal Letters

How are the surfaces preserved from oxidation? Inside *Portland Cement & Paint* Outside *Paint*

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

Where fitted.	Length. Feet.	Water Capacity. Tons.	Where fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	<i>21.0"</i>	<i>35</i>
Double bottom, forward,			After peak tank,		
Double bottom, under Engines and Boilers,			Midship deep tank,		
Double bottom, if under Engines only,			Other tanks, if fitted,		
Double bottom, if under Boilers only,			(If necessary, furnish further information by sketch.)		

State whether the above have been tested as required by the Rules *Yes*

Order for Special Survey No. *2544*
Date *14 August 1893*
Order for Ordinary Survey No. *155*
Date *155*
No. *155* in builder's yard

1st. On the several parts of the frame, when in place, and before the plating was wrought *1893. Oct. 10. 12. 14. 20. 23. 26. 31. Nov. 3. 14. 19. 20.*
2nd. On the plating during the process of riveting *30. Dec. 4. 11. 14. 22. 29.*
3rd. When the beams were in and fastened and before the decks were laid *1894. Jan. 9. 12. 18. 20.*
4th. When the ship was complete, and before the plating was finally coated or cemented
5th. After the ship was launched and equipped
Total No. of Visits *21.*

The amount of Entry Fee £ *2* : - : -
Special £ *16* : 2 : -
Certificate* £ *16* : 2 : -
Travelling Expenses, if any £ : : :
Fees applied for, 18
Received by me, 30. 1. 1894

I am of opinion this Vessel should be Classed
With, or without Freeboard, as condition of Class

* Certificate to be sent to *Newcastle Office.*

B. Mentilberg
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute
Character assigned

TUES. 30 JAN 1894

100A1

FRIDAY 21 DEC 1893

See Minute on Tal. No. 5865

Subj. AC (to be endorsed on Cert)

This vessel appears to have been built in accordance with the Rules and the approved plans. The equipment is not equal to the requirements of the Rules but the owner proposes to comply with the same with the return from a notice to Newcastle which proposal has been approved. It is submitted the vessel is eligible to be classed 100A1 subject to the equipment being made equal to the requirements of Table 22 as submitted to Newcastle for approval.

100A1 (S.M.) subject to 1 SR (S.M.) M.B. = F.P.T. 35.

Lloyd's Register Foundation

NWC834-0174 2/2