

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

IRON OR STEEL STEAMER.

No. 2889

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

Received at London *11 MAY 1899*

Date of completion of Report *9 May 1899*

Port of *Middlebrook-on-Tees*

Date, First Survey *17th March 1898*

Last Survey *8 May 1899*

Thornaby-on-Tees

yard 8503 Rig Schooner

Novington

Master F. Burnett

ONE OR TWO DECKED VESSEL.

CLASS *100 A1 Steel*

Year of appointment *1899*

Built at *Thornaby-on-Tees*

When built *1899* Launched *29-3-99*

By whom built *Richardson Duck & Co.*

Owners *The Conchdown S.S. Co. (Ld.)*

Managers *Reel Lynnderson & Co.*

(Where necessary to be entered in Reg. Book)

Residence *London*

Port belonging to *London*

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TONNAGE under
Tonnage Deck *2368.55*
Do. of Poop *72.22*
Do. of Raised Or
Dk. or Break. *41.25*
Do. of Bridge House *20.07*
Do. of Forecastle *34.55*
Do. of Houses on Deck *2537.58*
Do. of excess of Hatchways *72.69*
Do. above Crown of
Engine Room *2464.89*
Gross Tonnage *812.03*
Less Crew Space *36.18*
Less above Crown of
Engine Room *1616.68*
TONNAGE FOR FEES *1616.68*
Less Engine Room
Less Navigation Spaces

Register Tonnage
as cut on Beam *1616.68*

LENGTH on Deck as Feet. Inches. BREADTH—Feet. Inches. DEPTH—Feet. Inches. No. of Decks with Flat laid *one*
* per Rule *311. 2 1/2* Moulded *44 3 1/2* Top of 4 floors to top of Main Deck Beams *20 7 1/4* No. of Tiers of Beams *1 Deep Framing*
Dimensions of Ship per Register, Length, *313* breadth, *44 1/2* depth, *20 6 1/2* Moulded Depth, *23* ft. *1* ins. Round of Beam, Actual *10 1/2* ins.

FRAMING.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or a	Inches per Rule as Appro	20ths per Rule ved.	FORGINGS AND CASTINGS.		Inches in Ship.	Inches per Rule. Or as Approved.
FRAME, Angles, <i>7</i> , <i>E</i> or <i>L</i> Bars, for $\frac{3}{8}$ length amidships		<i>5 1/2</i>	<i>3 1/2</i>	<i>8</i>	<i>5 1/2</i>	<i>3 1/2</i>	<i>8</i>	KEEL, Bar or Side Plates depth and thickness		<i>10 1/2 x 2 3/4</i>	<i>10 1/2 x 2 3/4</i>
Do. for $\frac{1}{2}$ at each end		<i>5 1/2</i>	<i>3 1/2</i>	<i>7</i>	<i>5 1/2</i>	<i>3 1/2</i>	<i>7</i>	STEM, moulding and thickness		<i>11 x 6</i>	<i>11 x 6</i>
Do. in way of Double Bottoms at Solid Floors		<i>3 1/2</i>	<i>3 1/2</i>	<i>8</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>8</i>	STERN-POST for Rudder do. do.		<i>11 x 6</i>	<i>11 x 6</i>
" " at intermdt. Bkts.		—	—	—	—	—	—	" for Propeller		<i>11 x 6</i>	<i>11 x 6</i>
Distance of Frames from moulding edge to moulding edge, all fore and aft		<i>24</i>	—	—	<i>24</i>	—	—	MAIN PIECE of Rudder, diameter at head		<i>8 1/2</i>	<i>8 1/2</i>
REVERSED FRAME, Angles		<i>6</i>	<i>3 1/2</i>	<i>8</i>	<i>6</i>	<i>3 1/2</i>	<i>8</i>	do. at heel		<i>4 1/2</i>	<i>4 1/2</i>
DEEP FRAMING, depth of girder		<i>8 1/2</i>	—	—	<i>8 1/2</i>	—	—	RUDDER, how constructed <i>Iron forging. Plated in usual way</i>		Can the Rudder be unshipped afloat? <i>Yes</i>	
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{3}{8}$ length amidships		—	—	—	—	—	—	KEELSONS AND STRINGERS.		Inches in Ship.	Inches per Rule.
" 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 $\frac{3}{8}$ 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		<i>40</i>	—	<i>7</i>	<i>40</i>	—	<i>7</i>	" Angles		—	—
" Distance apart		<i>24</i>	—	—	<i>24</i>	—	—	SIDE KEELSON, Angles		—	—
CENTRE GIRDER, in Double Bottom, depth and thickness		<i>40</i>	—	<i>10</i>	<i>40</i>	—	<i>10</i>	" Bulb or Plate above floors for lng.		—	—
" Angles, Top		<i>4</i>	<i>4</i>	<i>9</i>	<i>4</i>	<i>4</i>	<i>9</i>	" Intercoastal Plate for length		—	—
" Bottom		<i>6 1/2</i>	<i>4</i>	<i>9</i>	<i>6 1/2</i>	<i>4</i>	<i>9</i>	" Attached to outside plating with Angle		—	—
SIDE GIRDERS, number on each side & thickness		<i>9 1/2</i>	<i>3 1/2</i>	<i>4</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>4</i>	BILGE KEELSON, Angles		—	—
" Angles		<i>3 1/2</i>	<i>3 1/2</i>	<i>4</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>4</i>	" Bulb or Plate above floors for len.		—	—
MARGIN PLATE, depth (exclusive of flange) and thickness		<i>3 1/2</i>	—	<i>8</i>	<i>3 1/2</i>	—	<i>8</i>	" Intercoastal Plate for length		—	—
" Angles to Outside Plating		<i>3 1/2</i>	<i>3 1/2</i>	<i>8</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>8</i>	" Attached to outside plating with Angle		—	—
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake		<i>5 1/2</i>	—	<i>9</i>	<i>5 1/2</i>	—	<i>9</i>	BILGE STRINGER Angles		—	—
" thickness in Engine and Boiler space		—	—	<i>3/16</i>	—	—	<i>3/16</i>	" Bulb Plate for length		—	—
" Remainder in Holds		—	—	<i>7</i>	—	—	<i>7</i>	" Intercoastal Plate for length		—	—
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		<i>8</i>	<i>3</i>	<i>11</i>	<i>8</i>	<i>3</i>	<i>11</i>	" Attached to outside plating with Angle		<i>6 1/2</i>	<i>4 1/2</i>
" Angles on Upper Edge		—	—	—	—	—	—	SIDE STRINGER Angles <i>(Main)</i>		<i>22</i>	<i>9 1/2</i>
" Average space		<i>24</i>	—	—	<i>24</i>	—	—	" Bulb or Intercoastal Plate for whole lng.		<i>3 1/2</i>	<i>3 1/2</i>
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		—	—	—	—	—	—	" Attached to outside plating with Angle		<i>3 1/2</i>	<i>3 1/2</i>
" Angles on Upper Edge		—	—	—	—	—	—	Main and Raised Quarter Deck Stringer		<i>46</i>	<i>12</i>
" Average space		—	—	—	—	—	—	Plate, breadth and thickness		<i>5 1/2 x 4</i>	<i>10 1/2 x 4</i>
BEAMS, Hold, Plate or Tee Bulb		—	—	—	—	—	—	" Angle on ditto		<i>4 x 4</i>	<i>9</i>
" Angles on Upper Edge		—	—	—	—	—	—	" Tie Plates fore & aft, outside Hatchways		<i>Deck plating in way of prop. increased to 1/2 in thickness by plates</i>	
" Average space		—	—	—	—	—	—	" Diagonal Tie Plates on Bms, No. of Pairs		<i>166</i>	<i>166</i>
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb		<i>7</i>	<i>3</i>	<i>9</i>	<i>7</i>	<i>3</i>	<i>9</i>	" Main Dk* Iron or Steel for whole lng.		<i>166</i>	<i>166</i>
" Angles on Upper Edge		—	—	—	—	—	—	" R. Q. Dk* Iron or Steel for		<i>166</i>	<i>166</i>
" Average space		—	—	—	—	—	—	" Wood Deck, Material & thickness		<i>none</i>	<i>166</i>
MS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb		—	—	—	—	—	—	" Lower Deck Stringer Plate, breadth and thickness		—	—
" Angles on Upper Edge		—	—	—	—	—	—	" Angles on ditto, No.		—	—
" Average space		—	—	—	—	—	—	" Tie Plates, outside Hatchways		—	—
Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb		<i>8 1/2</i>	—	<i>8</i>	<i>8 1/2</i>	—	<i>8</i>	" Deck* Material and thickness		—	—
" Angles on Upper Edge		<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>	Hold Stringer Plate		—	—
" Average space		<i>48</i>	—	—	<i>48</i>	—	—	" Angles on ditto, No.		—	—
In 'tween Decks, Size and Spacing		<i>2 3/4</i>	<i>40</i>	<i>12 3/4</i>	—	—	—	Poop Deck Stringer Plate, breadth & thickness		<i>24</i>	<i>7</i>
" Hold		<i>4</i>	<i>40</i>	<i>14</i>	—	—	—	" Angle on ditto		<i>3 x 3</i>	<i>3 x 3</i>
" Quarter, 'tween Dks., "		<i>2 3/4</i>	<i>40</i>	<i>12 3/4</i>	—	—	—	" Tie Plates		—	—
" in Hold		<i>4</i>	<i>40</i>	<i>14</i>	—	—	—	" Deck, Material and thickness		<i>Yellow Pine 3</i>	<i>3</i>
MES, In Fore Body, No. and Spacing		<i>two pairs in way of main Hatch</i>						Bridge Deck Stringer Plate, brdth & thickness		<i>36</i>	<i>8</i>
" Brdth. & Thickness		—	—	—	—	—	—	" Angle on ditto		<i>3 x 3</i>	<i>3 x 3</i>
" No. of Side Stringers		—	—	—	—	—	—	" Tie Plates		—	—
WEB FRAMES, In E. & B. Space, No. & Spacing		<i>one pair</i>						" Deck, Material and thickness		<i>Iron</i>	<i>36</i>
" Brdth. & Thickness		—	—	—	—	—	—	Forecastle Deck Stringer Plate, brdth & thcknss		<i>24</i>	<i>7</i>
WEB FRAMES, In After Body, No. and Spacing		<i>two pairs in way of after main Hatch</i>						" Angle on ditto		<i>3 x 3</i>	<i>3 x 3</i>
" Brdth. & Thickness		—	—	—	—	—	—	" Tie Plates		—	—
" No. of Side Stringers		—	—	—	—	—	—	" Deck, Material and thickness		<i>Yellow Pine 3</i>	<i>3</i>
" Size of Angles or Tee Bars to Web Frames		—	—	—	—	—	—	BULKHEADS.		Number.	Thickness.
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness		—	—	—	—	—	—	In Vessel.		In Vessel.	Per Rule.
		—	—	—	—	—	—	Size.		Size.	Spacing
		—	—	—	—	—	—	Horizontal.		Horizontal.	Vertical.
		—	—	—	—	—	—	Inches.		Inches.	Inches.
		—	—	—	—	—	—	Spacing.		Spacing.	Spacing
		—	—	—	—	—	—	Inches.		Inches.	Inches.
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Form No. 1A.

PLATING.

STRAKES.

AS IN SHIP.

PER RULE OR AS APPROVED.

EDGES.

BUTTS.

IF LAPPED.

FLAT PLATE KEEL.....

GARBOARD OR A STRAKE.....

State actual thickness in way of Double Bottom.

B.....

C.....

D.....

E.....

F.....

G.....

H.....

J.....

K.....

L.....

M.....

N.....

O.....

P.....

DOUBLING OF PLATING.....

Length of Bilges.....

Length of Sheerstrakes.....

Length of Strake below.....

POOP SIDES.....

RAISED QUARTER DECK SIDES.....

BRIDGE SIDES.....

FORECASTLE SIDES.....

LENGTHS OF PLATING.....

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.?

Steel plates from Steel Co. & Bole Know Vaughan & Co.

Steel angles from Borman Long & Co.

Iron plates from J. B. & Co. & Bole Know Vaughan & Co.

Has the Steel been tested as required by the Rules?

FRAMES extend in one length from Middle line to tank side hence to gunwale.

REVERSED FRAMES on floors and frames extend from Middle line to main deck, and alternate ones to forecastle deck.

MASTS, SPARS, &c.

LOWER MASTS.....

Fore.....

Main.....

Mizen.....

Bowsprit.....

Topmasts, Yards and Remainder of Spars.....

Rigging, Material and Size, Shrouds.....

Sails.....

EQUIPMENT No. 28891. LETTER E. TONNAGE FOR TRAWLERS U.D.K. ANCHORS.

Number of Certificate.....

Anchors.....

WEIGHT, EX STOCK.....

WEIGHT OF STOCK.....

TEST, PER CERTIFICATE.....

WEIGHT REQUIRED BY TABLE 22.....

DESCRIPTION OF ANCHOR.....

MAKERS.....

WHERE AND WHEN TESTED AND SUPERINTENDENT.....

CHAIN CABLES.

Number of Certificate.....

FATHOMS.....

SIZE.....

TEST PER CERTIFICATE.....

WEIGHT OF CHAIN CABLE.....

FATHOMS AND SIZE PER TABLE 22.....

DESCRIPTION.....

MAKERS OF CABLES.....

WHEN AND WHERE TESTED, AND SUPERINTENDENT.....

MATERIAL.....

FATHOMS.....

SIZE.....

TEST PER CERTIFICATE.....

FATHOMS AND SIZE PER TABLE 22.....

HAWSERS AND WARPS.

Number of Certificate.....

FATHOMS.....

SIZE.....

TEST PER CERTIFICATE.....

FATHOMS AND SIZE PER TABLE 22.....

DESCRIPTION.....

MAKERS OF CABLES.....

WHEN AND WHERE TESTED, AND SUPERINTENDENT.....

MATERIAL.....

FATHOMS.....

SIZE.....

TEST PER CERTIFICATE.....

FATHOMS AND SIZE PER TABLE 22.....

Boats.....

Pumps, Number.....

Windlass is.....

Engine Room Skylights.....

What arrangements for deadlights in bad weather?

Coal Bunker Openings.....

Number of Scuppers, and number and dimensions of Freeing Ports, &c.

Ceiling in Holds, thickness and material.....

Cargo Hatchways.....

State size No. 1 Hatch (Forward).....

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch.....

Bulwarks, height above deck and description.....

The above is a correct description.....

Builder's Signature (here only).....

Surveyor's Signature.....

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)

June 21st (M) July 6th (M) + December 14th 1898 (E).

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

Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes

Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes

Do any rivets break into or through the seams or butts of the plating? A few, at the butts only.

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

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? Yes

State results of tests Satisfactory.

Have all the gutterways been tested as required by the Rules (Sec. 23, par 25)?

State results of tests

General Remarks (State quality of workmanship, &c.) This steel screw steamer has been built in accordance with the approved plans of Midship Section and Profile as amended, the Secretary's letters of the above-mentioned dates bearing upon the case and in other respects as required by the Rules and circulars for the class contemplated. The workmanship is good throughout.

The Bower anchors are Hartshorn's Patent Stockless and the cast-steel heads of same have been subjected to drop and mechanical tests at Depton by Mr. C. E. Perrins.

She has a Bilge Keel formed of bulb $9\frac{1}{2}$ and angles $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{5}{8}$ fitted for about one hundred and ten feet.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 29' ft., R.Q.D. or Break ft., Bridge Dk. 60' ft., F'castle 34' 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) 1 Deck (Iron) 1 tier of Beams + deep frames.

Official No. 110112; 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 or with girders on floors Cellular system

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	110	260	Fore peak tank,		
Double bottom, under Engines and Boilers,	24	70	After peak tank,	10	41
Double bottom, if under Engines only,			Midship deep tank,		
Double bottom, if under Boilers only,			Other tanks, if fitted,		
Double bottom, forward,	128	339	(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. 411.

Date 7-7-98

No. 503 in builder's yard

FEES APPLIED FOR.....

Special.....

Certificate.....

Travelling Expenses, if any £.....

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed 100A Steel L.A.C.P.

With, or without Freeboard, as condition of Class

Committee's Minute.....

Character assigned.....

100A (Steel)

Lloyd's Register of British and Foreign Shipping.

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