

10 Dks., R.Q.Dk., and Pt. Awng. Dk. **IRON OR STEEL STEAMER.**

THURS. 29 MAR 1894  
Received at London Office.

29933

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

Date of completion of Report

27 March 1894

Port of Newcastle

1894

No. 29933 Survey held at

Stark Shields

Date, First Survey

10 Oct. 93

Last Survey

19 March 1894

On the

Screw Steamer

"Unifred"

Rig

Sandy

Master

R. L. Loring

Year of appointment

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

**TONNAGE under Tonnage Deck...** 234.98  
Do. of Poop  
Do. of Raised Or. }  
Do. of Break... } 25.54  
Do. of Bridge House  
Do. of Forecastle 10.93  
Do. of Houses on Deck 5.18  
Do. of excess of Hatchways 1.48  
Do. above Crown of }  
Engine Room... } 10.49  
**Gross Tonnage** 288.62  
Less Crew Space 24.19  
Less above Crown of }  
Engine Room... }  
**Tonnage for Fees** 264.43  
Less Engine Room 11.60  
Less Navigation Spaces 3.56  
**Register Tonnage** 149.27  
as cut on Beam

ONE OR TWO DECKED VESSEL.

CLASS 100A

**Half Breadth (moulded)** 10.5  
**Depth from upper part of Keel to top of Main Deck Bms.** 10.9  
**Birth of Half Midship Frame (as per Rule)** 19.25  
**1st Number** 40.65  
**Length** 139.0  
**2nd Number** 5650  
**Proportions—Breadths to Length** 6.6  
**Depths to Length—Main Deck to top of Keel** 12.5  
**Destined Voyage** Boasting

**Built at** Stark Shields  
**When built** 1894 **Launched** 19 Nov 1894  
**By whom built** J. P. Pennington & Son  
**Owners** E. Pickard & Co  
**Managers** -do- -do-  
**Residence** Sprinch  
**Port belonging to** Sprinch

If Surveyed while Building, Afloat, or in Dry Dock

**LENGTH on Deck** as per Rule 139.0  
**BREADTH—Moulded** 21.0  
**DEPTH—Top of Floors to Main Deck Beams** 10 11/2  
**Power of Engines** 45  
**Horse.**  
**No. of Decks with Flat laid** 1  
**No. of Tiers of Beams**  
**Dimensions of Ship per Register, Length** 140.0 **breadth** 21.1 **depth** 10.0  
**Moulded Depth, ft.** 10 **ins.** 6  
**Round of Beam** 5 1/2 inches.

FRAMING.				FORGINGS AND CASTINGS.			
Inches in Ship.	Inches in Ship.	16ths or 20ths per Rule Or as Approved.	16ths or 20ths per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	16ths or 20ths per Rule Or as Approved.	16ths or 20ths per Rule Or as Approved.
<b>FRAME, Angles, L E or L Bars, for length amidships</b>				<b>KEEL, Bar or Side Plates depth and thickness</b>			
3	2 1/2	5	3 2 1/2 5	7 x 1 5/8	7 x 1 5/8	7 x 1 5/8	7 x 1 5/8
Do. for at each end				<b>STEM, moulding and thickness</b>			
3	2 1/2	5	3 2 1/2 5	6 1/4 x 1 5/8	6 1/4 x 1 5/8	6 1/4 x 1 5/8	6 1/4 x 1 5/8
Do. in way of Double Bottoms at Solid Floors				<b>STERN-POST for Rudder do. do.</b>			
				6 1/4 x 3 1/4	6 1/4 x 3 1/4	6 1/4 x 3 1/4	6 1/4 x 3 1/4
" " at intermdt. Bkts.				<b>" for Propeller</b>			
				3 3/4	3 3/4	3 3/4	3 3/4
Distance of Frames from moulding edge to moulding edge, all fore and aft				<b>do. at heel</b>			
21			21	2 1/4	2 1/4	2 1/4	2 1/4
<b>REVERSED FRAME, Angle</b>				<b>RUDDER, how constructed</b>			
2 1/2	2 1/2	4	2 1/2 2 1/2 4	Built			
<b>DEEP FRAMING, depth of girder</b>				Can the Rudder be unshipped afloat?			
12			5 12 5	yes			
<b>FLOORS, depth and thickness of Floor Plate at mid-line for length amidships</b>				<b>KEELSONS AND STRINGERS.</b>			
12			6 12 6	<b>CENTRE LINE KEELSON, Vertical Plate above floor, Through Plate, or Intercoastal Plate</b>			
<b>" in way of Engines and Boilers</b>				5			
<b>" thickness at the ends of vessel</b>				<b>" Rider Plate</b>			
6			6 6 6	7 1/2 5 7 1/2 5			
<b>" depth at 1/2 the half breadth, as per Rule</b>				<b>" Bulb Plate to Intercoastal Keelson</b>			
24			24 24 24	7 1/2 5 7 1/2 5			
<b>" height extended at the Bilges</b>				<b>" Horizontal Plates on Floors</b>			
				3 3 6 3 3 6			
<b>FLOORS &amp; BRACKETS, in Cell Dble Bottoms</b>				<b>" Angles</b>			
<b>" Distance apart</b>				5 4 8 5 4 8			
<b>CENTRE GIRDER, in Double Bottom, depth and thickness</b>				<b>SIDE KEELSON, Angles</b>			
				5 4 8 5 4 8			
<b>" Angles, Top</b>				<b>" Bulb or Plate above floors for lng.</b>			
				30 feet length from Plate bulkhead			
<b>" Bottom</b>				<b>" Attached to outside plating with Angle</b>			
<b>SIDE GIRDERS, number and thickness</b>				<b>BILGE KEELSON, Angles</b>			
				5 4 8 5 4 8			
<b>" Angles</b>				<b>" Bulb or Plate above floors for 3/5 len</b>			
<b>MARGIN PLATE, depth (exclusive of flange) and thickness</b>				5 1/2 5 5 1/2 5			
				<b>" Intercoastal Plate for length</b>			
<b>" Angles</b>				<b>" Attached to outside plating with Angle</b>			
<b>INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake</b>				<b>BILGE STRINGER Angles</b>			
				5 4 8 5 4 8			
<b>" thickness in Engine and Boiler space</b>				<b>" Bulb Plate for length</b>			
<b>" Remainder in Holds</b>				<b>" Intercoastal Plate for length</b>			
<b>BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb</b>				<b>" Attached to outside plating with Angle</b>			
4 2 1/2 6	4 2 1/2 6			<b>SIDE STRINGER Angles</b>			
<b>" Angles on Upper Edge</b>				5 4 8 5 4 8			
<b>" Average space</b>				<b>" Bulb or Intercoastal Plate for lng.</b>			
<b>BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb</b>				<b>" Attached to outside plating with Angle</b>			
				<b>Main and Raised Quarter Deck Stringer Plate, breadth and thickness</b>			
<b>" Angles on Upper Edge</b>				4 6 7 3 4 7			
<b>" Average space</b>				<b>" Angle on ditto</b>			
<b>BEAMS, Hold, Plate or Tee Bulb</b>				3 x 3 6 3 x 3 6			
				<b>" Tie Plates fore &amp; aft, outside Hatchways</b>			
<b>" Angles on Upper Edge</b>				6 6			
<b>" Average space</b>				<b>" Diagonal Tie Plates on Bms., No. of Pairs</b>			
<b>BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb</b>				6			
4 2 1/2 6	4 2 1/2 6			<b>" Main Dk* Iron or Steel for full lng.</b>			
<b>" Angles on Upper Edge</b>				5			
<b>" Average space</b>				<b>" R. Q. Dk* Iron or Steel for full lng.</b>			
<b>BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb</b>				5			
4 2 1/2 6	4 2 1/2 6			<b>" Wood Deck, Material &amp; thickness</b>			
<b>" Angles on Upper Edge</b>				<b>Lower Deck Stringer Plate, breadth and thickness</b>			
<b>" Average space</b>				every space			
<b>PILLARS, In 'tween Decks, Size and Spacing</b>				<b>" Angles on ditto, No.</b>			
				2 1/2 2 1/2			
<b>" Hold</b>				<b>" Tie Plates, outside Hatchways</b>			
<b>" Quarter, 'tween Dks.,</b>				6 6			
<b>" in Hold</b>				<b>" Deck* Material and thickness</b>			
<b>WEB FRAMES, In Fore Body, No. and Spacing</b>				<b>Bridge Deck Stringer Plate, brdth &amp; thickness</b>			
4 6 spaces	4 6 spaces			5 5			
<b>" Brdth. &amp; Thickness</b>				<b>" Angle on ditto</b>			
15 5 15 5	15 5 15 5			3 x 3 6 3 x 3 6			
<b>" No. of Side Stringers</b>				<b>" Tie Plates</b>			
				6 6			
<b>WEB FRAMES, In E. &amp; B. Space, No. &amp; Spacing</b>				<b>" Deck, Material and thickness</b>			
				<b>Forecastle Deck Stringer Plate, brdth &amp; theknss</b>			
<b>" Brdth. &amp; Thickness</b>				5 5			
<b>WEB FRAMES, In After Body, No. and Spacing</b>				<b>" Angle on ditto</b>			
				3 x 3 6 3 x 3 6			
<b>" Brdth. &amp; Thickness</b>				<b>" Tie Plates</b>			
2 1/2 2 1/2 4 2 1/2 2 1/2 4	2 1/2 2 1/2 4 2 1/2 2 1/2 4			6 6			
<b>" No. of Side Stringers</b>				<b>" Deck, Material and thickness</b>			
				<b>W.T. BULKHEADS</b>			
<b>" Size of Angles or Tee Bars to Web Frames</b>				3 3 4 3 2 1/2 5 3 2 1/2 5 3 0			
<b>BRACKET PLATES to Stringers between Web Frames, Depth and Thickness</b>				<b>PARTITION</b>			
				1			
<b>WEB FRAMES, Depth and Thickness</b>				<b>LONGITUDINAL</b>			
				1			

BULKHEADS.		STIFFENERS.		Single or Double Frames.		Height op.	
In Vessel.	Per Rule.	Thickness.	Horizontal.	Vertical.	Spacing.	Inches.	Inches.
3	3	4	3 2 1/2 5	3 2 1/2 5	30	4	4
W.T. BULKHEADS							
PARTITION							
LONGITUDINAL							

Are the outside Plates doubled two spaces of Frames in length?

Lloyd's Register  
Foundation



