

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

IRON OR STEEL STEAMER.

No. 2535.

THUR. 2 MAR 1899

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

Date of completion of Report *28th February 1899*

Port of *Middlesboro-on-Tees*

Date, First Survey *16th September 1898*

Last Survey *22nd February 1899*

Survey held at *Stockton-on-Tees*
On the *Steamer "Woodford"*

(Yard No. 355) 200 Stump Masts. No sail power

ONE OR TWO DECKED VESSEL.

Master *Jacob. Carson*

CLASS *100 A/Veel. Iron Deck*

Year of appointment *1899*

(1) As master in service of
owner of present vessel:—1899
(2) As master of this
vessel:—1899

TONNAGE under
Tonnage Deck *2443.82*
Do. of Poop *87.84*
Do. of Raised Or. *254.88*
Do. of Break. *13.60*
Do. of Bridge House *52.43*
Do. of Forecastle *23.18*
Do. of Houses on Deck *13.60*
Do. of excess of Hatchways *28.36*
Do. of Engine Room *2934.48*
Gross Tonnage *92.45*
Less Crew Space *2845.23*
Less above Crown of *93.49*
Engine Room *89984.88*
TONNAGE FOR FEES *1860.15*
Less Engine Room *93.49*
Less Navigation Spaces *89984.88*

Half Breadth (moulded) *23.15*
Depth from upper part of Keel to top of Main Deck Bms. *23.12*
(with the normal round up of beam)
Girth of Half Midship Frame (as per Rule) *42.75*
1st Number *89.02*
Length on deck from after part of stem to fore part of stern post *313.16*
2nd Number *248.74*
Proportions—Breadths to Length *6.46*
Depths to Length—Main Deck to top of Keel *13.54*
Destined Voyage *Cardiff to Load* If Surveyed while Building? *Yes*

Built at *Stockton-on-Tees*
When built *1899*. Launched *26-1-99*
By whom built *Ropner & Co.*
Owners *Britain Steam Ship Co. Ltd.*
Managers *Watts Watts & Co.*
(Where necessary to be entered in Reg. Book.)
Residence *London*
Port belonging to *London*

LENGTH on Deck as per Rule *313* Feet. *2* Inches. BREADTH Moulded *46* Feet. *3 1/2* Inches. DEPTH ACTUAL *20* Feet. *9 1/2* Inches. No. of Decks with Flat laid *One* No. of Tiers of Beams *17* Round of Beam, Actual *24* ins.

FRAMING.						FORGINGS AND CASTINGS.					
	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule or as Approved.	Inches per Rule or as Approved.		Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule or as Approved.	Inches per Rule or as Approved.
FRAME, Angles, <i>7</i> or <i>8</i> Bars, for $\frac{1}{2}$ 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>	KEEL, Bar or Side Plates depth and thickness	<i>11 x 2 1/2</i>	<i>11 x 2 1/2</i>	<i>11 x 2 1/2</i>	<i>11 x 2 1/2</i>	<i>11 x 2 1/2</i>
Do. for $\frac{1}{2}$ at each end	<i>5 1/2</i>	<i>3 1/2</i>	<i>4</i>	<i>5 1/2</i>	<i>3 1/2</i>	STEM, moulding and thickness	<i>11 x 6</i>	<i>11 x 6</i>	<i>11 x 6</i>	<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>	STERN-POST for Rudder do. do.	<i>11 x 6</i>	<i>11 x 6</i>	<i>11 x 6</i>	<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>	<i>24</i>	<i>24</i>	<i>24</i>	MAIN PIECE of Rudder, diameter at head...	<i>8 1/2</i>	<i>8 1/2</i>	<i>8 1/2</i>	<i>8 1/2</i>	<i>8 1/2</i>
REVERSED FRAME, Angles	<i>4</i>	<i>3 1/2</i>	<i>8</i>	<i>4</i>	<i>3 1/2</i>	do. at heel	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>
DEEP FRAMING, depth of girder	<i>40</i>	<i>40</i>	<i>40</i>	<i>40</i>	<i>40</i>	RUDDER, how constructed <i>Single plate (1") Cast-steel frame.</i>					
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	<i>40</i>	<i>40</i>	<i>40</i>	<i>40</i>	<i>40</i>	Can the Rudder be unshipped afloat? <i>Yes</i>					
in way of Engines and Boilers	<i>40</i>	<i>40</i>	<i>40</i>	<i>40</i>	<i>40</i>	KEELSONS AND STRINGERS.					
thickness at the ends of vessel	<i>40</i>	<i>40</i>	<i>40</i>	<i>40</i>	<i>40</i>	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
depth at $\frac{1}{2}$ the half breadth, as per Rule	<i>40</i>	<i>40</i>	<i>40</i>	<i>40</i>	<i>40</i>	do. Rider Plate					
height extended at the Bilges	<i>40</i>	<i>40</i>	<i>40</i>	<i>40</i>	<i>40</i>	do. Bulb Plate to Intercoastal Keelson					
FLOORS & BRACKETS, in Cell Dble Bottoms	<i>40</i>	<i>40</i>	<i>40</i>	<i>40</i>	<i>40</i>	do. Horizontal Plates on Floors					
Distance apart	<i>24</i>	<i>24</i>	<i>24</i>	<i>24</i>	<i>24</i>	do. Angles					
CENTRE GIRDER, in Double Bottom, depth and thickness	<i>40</i>	<i>40</i>	<i>40</i>	<i>40</i>	<i>40</i>	SIDE KEELSON, Angles					
Angles, Top	<i>4</i>	<i>4</i>	<i>4</i>	<i>4</i>	<i>4</i>	do. Bulb or Plate above floors for length					
Bottom	<i>6 1/2</i>	<i>4</i>	<i>4</i>	<i>6 1/2</i>	<i>4</i>	do. Intercoastal Plate for length					
SIDE GIRDERS, number on each side & thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>7/16</i>	<i>3 1/2</i>	<i>7/16</i>	do. Attached to outside plating with Angle					
Angles	<i>3 1/2</i>	<i>3 1/2</i>	<i>7/16</i>	<i>3 1/2</i>	<i>7/16</i>	BILGE KEELSON, Angles					
MARGIN PLATE, depth (exclusive of flange) and thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>8</i>	<i>3 1/2</i>	<i>8</i>	do. Bulb or Plate above floors 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>8</i>	do. Intercoastal Plate for length					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>50</i>	<i>50</i>	<i>50</i>	<i>50</i>	<i>50</i>	do. Attached to outside plating with Angle					
thickness in Engine and Boiler space	<i>50</i>	<i>50</i>	<i>50</i>	<i>50</i>	<i>50</i>	SIDE STRINGER Angles					
Remainder in Holds	<i>8</i>	<i>3</i>	<i>10</i>	<i>8</i>	<i>3</i>	do. Bulb or 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>10</i>	<i>8</i>	<i>3</i>	do. Attached to outside plating with Angle					
Angles on Upper Edge	<i>24</i>	<i>24</i>	<i>24</i>	<i>24</i>	<i>24</i>	Main and Raised Quarter Deck Stringer Plate, breadth and thickness	<i>4 1/2</i>	<i>12</i>	<i>4 1/2</i>	<i>12</i>	
Average space	<i>11 1/2</i>	<i>11 1/2</i>	<i>11 1/2</i>	<i>11 1/2</i>	<i>11 1/2</i>	do. Angle on ditto	<i>4 1/2</i>	<i>12</i>	<i>4 1/2</i>	<i>12</i>	
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>5</i>	<i>4</i>	<i>9</i>	<i>5</i>	<i>4</i>	do. Tie Plates fore & aft, outside Hatchways	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
Angles on Upper Edge	<i>5</i>	<i>4</i>	<i>9</i>	<i>5</i>	<i>4</i>	do. Diagonal Tie Plates on Bms., No. of Pairs	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
Average space	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	do. Main Dk* Iron or Steel for whole length	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
BEAMS, Hold, Plate or Tee Bulb	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	do. R.O. Dk* Iron or Steel for whole length	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
Angles on Upper Edge	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	do. Wood Deck, Material and thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
Average space	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	Lower Deck Stringer Plate, breadth and thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	do. Angles on ditto, No.	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
Angles on Upper Edge	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	do. Tie Plates, outside Hatchways	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
Average space	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	do. Deck* Material and thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	Hold Stringer Plate	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
Angles on Upper Edge	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	do. Angles on ditto, No.	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
Average space	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	Poop Deck Stringer Plate, breadth & thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	do. Angle on ditto	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
Angles on Upper Edge	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	do. Tie Plates	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
Average space	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	do. Deck, Material and thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
STIFFENERS.						Bridge Deck Stringer Plate, brdth & thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
BULKHEADS.						do. Angle on ditto	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
W.T. BULKHEADS	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	do. Tie Plates	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
PARTITION	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	do. Deck, Material and thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
LONGITUDINAL	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	Forecastle Deck Stringer Plate, brdth & thcknss	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
Are the outside Plates doubled two spaces of Frames in length?	<i>Yes</i>					do. Angle on ditto	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	
Are the Sluice Valves and Watertight Doors in efficient working order?	<i>Yes</i>					do. Tie Plates	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	

