

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

# IRON OR STEEL STEAMER.

Received at London Office  
1217  
THUR MAR 5 1896

No. 1414 Survey held at  
On the *Woolston-on-Tees* Steamer.

State if Report is also sent on the Machinery of the Vessel *Yes*  
Date of completion of Report *3rd March 1896*  
Date, First Survey *14th Oct 1895*  
Last Survey *21st Feb 1896*

Port of *Middlesbro-on-Tees*  
Yard No. *34* Rig *Schooner*  
Master *Philip Symons*

TONNAGE under  
Tonnage Deck... *2403.48*  
Do. of Poop... *104.83*  
Do. of Raised Q...  
Do. of Bridge (Houses under) *96.34*  
Do. of Forecastle... *58.30*  
Do. of Main Deck... *44.39*  
Do. of excess of Hatchways... *30.83*  
Do. above Crown of...  
Gross Tonnage... *2738.14*  
Less Crew Space... *84.32*  
Less above Crown of...  
Engine Room...  
TONNAGE FOR FEES... *2653.82*  
Less Engine Room... *84.22*  
Less Navigation Spaces... *29.77*  
Register Tonnage... *1734.84*  
as cut on Beam...

ONE OR TWO DECKED VESSEL.  
CLASS *100A Steel*

Half Breadth (moulded) *21.90*  
Depth from upper part of Keel to top of Main Deck Bms. *23.91*  
Girth of Half Midship Frame (as per Rule) *41.75*  
1st Number *84.56*  
Length *308.16*  
2nd Number *26982*  
Proportions—Breadths to Length... *7.03*  
Depths to Length—Main Deck to top of Keel... *12.88*

Year of appointment *1896*  
Built at *Woolston-on-Tees*  
When built *1896* Launched *31-1-96*  
By whom built *Roper & Son*  
Owners *J. Holman & Sons*  
Managers *52*  
Residence *50 Lime Street London*  
Port belonging to *London*

Destined Voyage *Black Sea via Cardiff* Surveyed while Building *Asfloat, or in Dry Dock* *Yes*

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH—Top of Main Deck Beams	Feet.	Inches.	Power of Engines	Horse.	No. of Decks with Flat laid	No. of Tiers of Beams
308	2		43	9	4	20	6		246		1	1

Dimensions of Ship per Register, Length, *310* breadth, *44* depth, *20.5* Moulded Depth, ft. *23* ins. *0* Round of Beam *11* inches.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Angles, <i>7</i> or <i>8</i> Bars, for $\frac{1}{2}$ length amidships	<i>5</i>	<i>3</i>	<i>8</i>	<i>5</i>	<i>3</i>	<i>8</i>
for $\frac{1}{2}$ at each end	<i>5</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>3</i>	<i>4</i>
in way of Double Bottoms at Solid Floors	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>
" " at intermdt. Bkts.	<i>24</i>		<i>124</i>			
ce of Frames from moulding edge to	<i>4</i>	<i>3</i>	<i>8</i>	<i>4</i>	<i>3</i>	<i>8</i>
lding edge, all fore and aft						
ERSED FRAME, Angles						
FRAMING, depth of girder						
RS, depth and thickness of Floor Plate						
at mid-line for $\frac{1}{2}$ length amidships						
in way of Engines and Boilers						
thickness at the ends of vessel						
depth at $\frac{1}{2}$ the half breadth, as per Rule						
height extended at the Bilges	<i>40</i>		<i>7</i>	<i>40</i>		<i>7</i>
RS & BRACKETS, in Cell Dble Bottoms	<i>24</i>		<i>124</i>			
" " Distance apart	<i>40</i>		<i>12</i>	<i>40</i>		<i>12</i>
RE GIRDER, in Double Bottom, depth	<i>4</i>	<i>4</i>	<i>9</i>	<i>4</i>	<i>4</i>	<i>9</i>
and thickness	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
" " Angles, Top	<i>One</i>		<i>7</i>			<i>7</i>
" " Bottom	<i>3</i>	<i>3</i>	<i>7</i>	<i>3</i>	<i>3</i>	<i>7</i>
GIRDERS, number and thickness	<i>30</i>		<i>8</i>	<i>30</i>		<i>8</i>
Angles	<i>3</i>	<i>3</i>	<i>8</i>	<i>3</i>	<i>3</i>	<i>8</i>
GIN PLATE, depth (exclusive of flange)	<i>3</i>	<i>3</i>	<i>8</i>	<i>3</i>	<i>3</i>	<i>8</i>
and thickness	<i>50</i>		<i>7</i>	<i>50</i>		<i>7</i>
Angles						
ER BOTTOM PLATING, breadth and						
thickness of Middle Line Strake						
" " thickness in Engine and Boiler space						
" " Remainder in Holds	<i>10</i>		<i>10</i>	<i>10</i>		<i>10</i>
MS, Main and Raised Quarter Deck,	<i>3</i>	<i>3</i>	<i>8</i>	<i>3</i>	<i>3</i>	<i>8</i>
Single Angle, Bulb Angle, Plate or Tee Bulb	<i>48</i>		<i>148</i>			
Angles on Upper Edge						
Average space						
MS, Lower Deck, Single Angle, Bulb						
Angle, Plate or Tee Bulb						
Angles on Upper Edge						
Average space						
MS, Hold, Plate or Tee Bulb						
Angles on Upper Edge						
Average space						
MS, Poop Deck, Angle, Bulb Angle, Plate	<i>6</i>	<i>3</i>	<i>8</i>	<i>6</i>	<i>3</i>	<i>8</i>
or Tee Bulb						
Angles on Upper Edge	<i>24</i>		<i>124</i>			
Average space						
MS, Bridge Deck, Angle, Bulb Angle,	<i>6</i>	<i>3</i>	<i>8</i>	<i>6</i>	<i>3</i>	<i>8</i>
Plate or Tee Bulb						
Angles on Upper Edge	<i>24</i>		<i>124</i>			
Average Space						
MS, Forecastle Deck, Angle, Bulb Angle,	<i>6</i>	<i>3</i>	<i>8</i>	<i>6</i>	<i>3</i>	<i>8</i>
Plate or Tee Bulb						
Angles on Upper Edge	<i>24</i>		<i>124</i>			
Average space						
LLARS, In 'tween Decks, Size and Spacing						
" " Hold						
" " Quarter, 'tween Dks.,						
" " in Hold						
EB FRAMES, In Fore Body, No. and Spacing						
" " Brdth. & Thickness						
" " No. of Side Stringers						
EB FRAMES, In E. & B. Space, No. & Spacing						
" " Brdth. & Thickness						
" " No. of Side Stringers						
EB FRAMES, In After Body, No. and Spacing						
" " Brdth. & Thickness						
" " No. of Side Stringers						
" " Size of Angles of Tee Bars to Web Frames						
BRACKET PLATES to Stringers between						
Web Frames, Depth and Thickness						

FORGINGS AND CASTINGS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
KEEL, Bar or Side Plates depth and thickness	<i>11</i>	<i>2</i>	<i>5</i>	<i>11</i>	<i>2</i>	<i>5</i>
STEM, moulding and thickness	<i>11</i>	<i>6</i>		<i>11</i>	<i>6</i>	
STERN-POST for Rudder do. do.	<i>11</i>	<i>6</i>		<i>11</i>	<i>6</i>	
" " for Propeller	<i>8</i>			<i>8</i>		
MAIN PIECE of Rudder, diameter at head	<i>4</i>			<i>4</i>		
do. at heel						
RUDDER, how constructed <i>Iron Forging Plate in usual way</i>						
Can the Rudder be unshipped afloat? <i>Yes</i>						
KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
CENTRE LINE KEELSON, Vertical Plate above						
floors, Through Plate, or Intercoastal Plate						
" Rider Plate						
" Bulb Plate to Intercoastal Keelson						
" Horizontal Plates on Floors						
" Angles						
SIDE KEELSON, Angles						
" Bulb or Plate above floors for						
length						
" Intercoastal Plate for						
Attached to outside plating with Angle						
BILGE KEELSON, Angles						
" Bulb or Plate above floors for						
length						
" Intercoastal Plate for						
Attached to outside plating with Angle						
BILGE STRINGER Angles						
" Bulb Plate for						
Intercoastal Plate for						
Attached to outside plating with Angle						
SIDE STRINGER Angles						
" Bulb or Intercoastal Plate for						
Attached to outside plating with Angle						
Main and Raised Quarter Deck Stringer	<i>44</i>	<i>7</i>	<i>144</i>	<i>44</i>	<i>7</i>	<i>144</i>
Plate, breadth and thickness	<i>4</i>	<i>4</i>	<i>10</i>	<i>4</i>	<i>4</i>	<i>10</i>
Angle on ditto						
Tie Plates fore & aft, outside Hatchways						
Diagonal Tie Plates on Bms., No. of Pairs						
Main Dk* Iron or Steel for whole lng.						
R. Q. Dk* Iron or Steel for						
Wood Deck, Material & thickness <i>None</i>						
Lower Deck Stringer Plate, breadth and						
thickness						
Angles on ditto, No.						
Tie Plates, outside Hatchways						
Deck* Material and thickness						
Hold Stringer Plate						
Angles on ditto, No.	<i>24</i>	<i>4</i>	<i>24</i>	<i>4</i>	<i>4</i>	<i>24</i>
Poop Deck Stringer Plate, breadth & thickness	<i>3</i>	<i>3</i>	<i>7</i>	<i>3</i>	<i>3</i>	<i>7</i>
Angle on ditto						
Tie Plates						
Deck, Material and thickness <i>Iron</i>	<i>36</i>	<i>7</i>	<i>36</i>	<i>7</i>	<i>7</i>	<i>36</i>
Bridge Deck Stringer Plate, brdth & thickness	<i>3</i>	<i>3</i>	<i>7</i>	<i>3</i>	<i>3</i>	<i>7</i>
Angle on ditto						
Tie Plates						
Deck, Material and thickness <i>Iron</i>	<i>24</i>	<i>7</i>	<i>24</i>	<i>7</i>	<i>7</i>	<i>24</i>
Forecastle Deck Stringer Plate, brdth & thcknss	<i>3</i>	<i>3</i>	<i>7</i>	<i>3</i>	<i>3</i>	<i>7</i>
Angle on ditto						
Tie Plates						
Deck, Material and thickness <i>Iron</i>						

* If Iron or Steel.			STIFFENERS.			Single or Double Frames.	Height up.
BULKHEADS.	Number.	Thickness.	Horizontal.	Vertical.	Spacing		
	In Vessel.	Per Rule.	<small>Thickness 30 lbs.</small> Inches.	<small>Thickness 10 lbs.</small> Inches.	Inches.		
W.T. BULKHEADS	5	5	4 none.	$\left\{ \begin{array}{l} 8 \times 3 \times \frac{11}{16} \\ 4 \times 3 \times \frac{11}{16} \end{array} \right.$	36	Double as Rule	
PARTITION "	1	5	4 none.	$\left\{ \begin{array}{l} 4 \times 3 \times \frac{11}{16} \\ 4 \times 3 \times \frac{11}{16} \end{array} \right.$	30	Single as Rule	
LONGITUDINAL ..	As Plans	5	4 none.	$\left\{ \begin{array}{l} 6 \times 4 \times \frac{11}{16} \\ 4 \times 4 \times \frac{11}{16} \\ 4 \times 3 \times \frac{11}{16} \end{array} \right.$	48	1 Main St.	
Are the outside Plates doubled two spaces of Frames in length? <i>Yes</i>							
ND B753-0272							



