

Spar, ~~Awning~~ or Part Awning Dk.

STEEL STEAMER.

(Received at London Office)

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

Date of completion of Report 12th Decem^r 1895 Port of *West Hartlepool*

No. *9266* Survey held at *West Hartlepool* Date, First Survey *7th June* Last Survey *9th Decem^r 1893*
On the *Screw steamer "GREENBRIER"* Rig *3m Mast Schooner*

TONNAGE under
Tonnage Deck... *2702.71*
Do. between Tonnage Dk. and 2nd Aft. Spar Deck
Do. between 2nd Aft. Spar Deck and Upper Dk.
Total under Upper Dk.
Do. of Rafted (w.) Dk. and Rafted
Do. of Bridge House *33.91*
Do. of Houses on Deck *65.05*
Do. of excess of Hatchways *26.14*
Do. of Forecastle *43.59*
Do. above Crown of Engine Room
Gross Tonnage *2874.60*
Less Crew Space *103.49*
Less above Crown of Engine Room
TONNAGE FOR FEES... *2771.11*
Less Engine Room *919.87*
Less Navigation Spaces *32.69*
Register Tonnage *1818.55*
as cut on Beam

SPAR, ~~AWNING~~ OR PART AWNING-DECKED VESSEL,
as a Vessel having a continuous Shade Deck.
CLASS *+100 A.1*
FEET.
Half Breadth (moulded) *20.50*
Depth from upper part of keel to top of Main Deck Beams *22.00*
Breadth of Half Midship Frame (as per Rule) *37.83*
1st Number *80.33*
Length *329.84*
2nd Number *26496*
Proportions—Breadths to Length *8.04*
Depths to Length—Main Deck to top of Keel *14.99*
Destined Voyage *Newport, News, & Surveyed while Building, Afloat, or in Dry Dock*

Master *H. Boig*
Year of Appointment *1893*
Built at *West Hartlepool*
When built *1893* Launched *2nd Dec^r 1893*
By whom built *Jarvis & Co. Ltd.*
Owners *Chesapeake & Ohio Steamship Co. Ltd.*
Managers *✓*
(Where necessary to be entered in Reg. Book.)
Residence *546 Billiter Avenue London E.C.*
Port belonging to *West Hartlepool*

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, top of Floors to Spar or Awning Dk. Beams	Feet.	Inches.	Power of Engines	Horse.	No. of Decks with flat laid	No. of Tiers of Beams
<i>329</i>	<i>10</i>		<i>41</i>	<i>0</i>		<i>26.1</i>	<i>18</i>	<i>8</i>	<i>412</i>	<i>412</i>	<i>2</i>	<i>2</i>

Dimensions of Ship per Register, Length *329.0* breadth *41.2* depth *26.1* Spar *Awning* Dk. Moulded depth, ft. *21* ins. *2* To Main Dk. Beam, Main Dk. *10* ins.

FORGINGS AND CASTINGS.		Inches in Ship.		Inches per Rule, Or as Approved.	
KEEL, Main or Side Plates, depth and thickness	<i>10 x 1 1/2</i>	<i>10</i>	<i>1 1/2</i>	<i>10</i>	<i>1 1/2</i>
STEM, moulding and thickness	<i>11 x 2 3/4</i>	<i>11</i>	<i>2 3/4</i>	<i>11</i>	<i>2 3/4</i>
STERN-POST for Rudder do. do.	<i>11 x 6 1/2</i>	<i>11</i>	<i>6 1/2</i>	<i>11</i>	<i>6 1/2</i>
" " for Propeller	<i>11 x 6 1/2</i>	<i>11</i>	<i>6 1/2</i>	<i>11</i>	<i>6 1/2</i>
MAIN PIECE of Rudder, diameter at head	<i>8 1/2</i>	<i>8 1/2</i>		<i>8 1/2</i>	
do. at heel	<i>4</i>	<i>4</i>		<i>4</i>	
RUDDER, how constructed <i>Single iron frame, plated.</i>					
Can the Rudder be unshipped afloat? <i>Yes.</i>					
FRAMING.		Inches in Ship.		Inches per Rule, Or as Approved.	
FRAME Angles, <i>2</i> Nos for 1/2 length amidships	<i>6 x 3 1/2</i>	<i>6</i>	<i>3 1/2</i>	<i>6</i>	<i>3 1/2</i>
Do. for 1/2 at each end	<i>7 x 3 1/2</i>	<i>7</i>	<i>3 1/2</i>	<i>7</i>	<i>3 1/2</i>
Do. in way of Double Bottoms <i>On 1/2 length</i>	<i>7 x 3 1/2</i>	<i>7</i>	<i>3 1/2</i>	<i>7</i>	<i>3 1/2</i>
Distance of Frames from moulding edge to moulding edge, all fore and aft	<i>24</i>	<i>24</i>		<i>24</i>	
REVERSED FRAME Angles <i>On 1/2 length</i>	<i>3 1/2 x 3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
FLOORS, depth and thickness of Floor Plate at mid-line <i>for 1/2 length amidships</i>	<i>40</i>	<i>40</i>		<i>40</i>	
" in way of Engines and Boilers	<i>40</i>	<i>40</i>		<i>40</i>	
" thickness at the ends of vessel	<i>40</i>	<i>40</i>		<i>40</i>	
" depth at 1/2 the half breadth as per Rule	<i>40</i>	<i>40</i>		<i>40</i>	
" height extended at the Bilges	<i>40</i>	<i>40</i>		<i>40</i>	
FLOORS & BRACKETS, in Cell Dble Bottoms	<i>40</i>	<i>40</i>		<i>40</i>	
CENTRE GIRDER, in Double bottom, depth and thickness	<i>50</i>	<i>50</i>		<i>50</i>	
" Angles, Top	<i>4 x 4</i>	<i>4</i>	<i>4</i>	<i>4</i>	<i>4</i>
SIDE GIRDERS, number and thickness	<i>One</i>	<i>9</i>		<i>One</i>	<i>9</i>
MARGIN PLATE, depth (exclusive of flange) and thickness	<i>32</i>	<i>32</i>		<i>32</i>	
" Angles	<i>4 x 3</i>	<i>4</i>	<i>3</i>	<i>4</i>	<i>3</i>
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>8 1/2</i>	<i>8 1/2</i>		<i>8 1/2</i>	
" thickness in Engine and Boiler space	<i>8 1/2</i>	<i>8 1/2</i>		<i>8 1/2</i>	
" Remainder in Holds	<i>8</i>	<i>8</i>		<i>8</i>	
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>8 x 5</i>	<i>8</i>	<i>5</i>	<i>8</i>	<i>5</i>
" Angles on upper edge	<i>48</i>	<i>48</i>		<i>48</i>	
" Average space	<i>10</i>	<i>10</i>		<i>10</i>	
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>10 x 6</i>	<i>10</i>	<i>6</i>	<i>10</i>	<i>6</i>
" Angles on upper edge	<i>48</i>	<i>48</i>		<i>48</i>	
" Average space	<i>10</i>	<i>10</i>		<i>10</i>	
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>10 x 6</i>	<i>10</i>	<i>6</i>	<i>10</i>	<i>6</i>
" Angles on upper edge	<i>48</i>	<i>48</i>		<i>48</i>	
" Average space	<i>10</i>	<i>10</i>		<i>10</i>	
BEAMS, Hold or Orlop Plate or Tee Bulb	<i>5 1/2 x 3 x 8</i>	<i>5 1/2</i>	<i>3</i>	<i>8</i>	
" Angles on upper edge	<i>48</i>	<i>48</i>		<i>48</i>	
" Average space	<i>6</i>	<i>6</i>		<i>6</i>	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	<i>5 1/2 x 3 x 8</i>	<i>5 1/2</i>	<i>3</i>	<i>8</i>	
" Angles on upper edge	<i>48</i>	<i>48</i>		<i>48</i>	
" Average space	<i>6</i>	<i>6</i>		<i>6</i>	
PILLARS, In 'tween Decks, Size and Spacing	<i>3 1/4 - 4 ft. 2 3/4 - 4 ft.</i>	<i>3 1/4</i>	<i>4</i>	<i>2 3/4</i>	<i>4</i>
" Hold	<i>11 - 4 to 6 frame spaces</i>	<i>11</i>	<i>4</i>	<i>6</i>	<i>8</i>
WEB FRAMES, In Fore Body, No. and spacing	<i>11 - 4 to 6 frame spaces</i>	<i>11</i>	<i>4</i>	<i>6</i>	<i>8</i>
" No. of Side Stringers	<i>3</i>	<i>3</i>		<i>3</i>	
WEB FRAMES, In After Body, No. and spacing	<i>13 - 4 to 6 frame spaces</i>	<i>13</i>	<i>4</i>	<i>6</i>	<i>8</i>
" No. of Side Stringers	<i>3</i>	<i>3</i>		<i>3</i>	
" Size of Angles or Tee Beams to Web Frames	<i>3 1/2 x 3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
BRACKET PLATES to Stringers between Web Frames, depth and thickness	<i>18</i>	<i>18</i>		<i>18</i>	
KEELSONS AND STRINGERS.		Inches in Ship.		Inches per Rule, Or as Approved.	
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 length					
" Attached to outside Plating with Angle					
BILGE KEELSON, Angles					
" Bulb or Plate above floors, for length					
" Intercoastal Plate, for length					
" Attached to outside Plating with Angle					
BILGE STRINGER Angles					
" Bulb Plate, for length					
" Intercoastal Plate, for length					
" Attached to outside Plating with Angle					
SIDE STRINGER Angles					
" Bulb or Intercoastal Plate, for length					
Spar, or Awning Deck Stringer Plates, on ends of Beams, breadth and thickness	<i>78</i>	<i>9</i>	<i>78</i>	<i>9</i>	
" Angle on ditto	<i>4 x 4</i>	<i>4</i>	<i>4 x 4</i>	<i>4</i>	
" Tie Plates, fore and aft, outside Hatchways					
" Diagonal Tie Plates on Beams, No. of plates					
" Flat of Deck, * Iron or Steel, for length	<i>78</i>	<i>9</i>	<i>78</i>	<i>9</i>	
" Wood Material and thickness	<i>78</i>	<i>9</i>	<i>78</i>	<i>9</i>	
" How fastened to Beams	<i>78</i>	<i>9</i>	<i>78</i>	<i>9</i>	
Main Deck Stringer Plate, breadth & thickness	<i>78</i>	<i>11</i>	<i>78</i>	<i>11</i>	
" Angles on ditto, No. <i>2</i>	<i>4 x 4</i>	<i>4</i>	<i>4 x 4</i>	<i>4</i>	
" Tie Plates, outside Hatchways					
" Diagonal Tie Plates on Beams, No. of plates					
" Flat of Deck, * Iron or Steel, for length	<i>78</i>	<i>11</i>	<i>78</i>	<i>11</i>	
" Wood Material and thickness	<i>78</i>	<i>11</i>	<i>78</i>	<i>11</i>	
" How fastened to Beams	<i>78</i>	<i>11</i>	<i>78</i>	<i>11</i>	
Lower Deck Stringer Plates, breadth & thickness					
" Angles on ditto, No.					
" Tie Plates, outside Hatchways					
" Flat of Deck, * Material and thickness					
" How fastened to Beams					
Hold, or Orlop Stringer Plate, breadth & thickness					
" Angles on ditto, No.					
" Tie Plates, outside Hatchways					
" Flat of Deck, * Material and thickness					
" How fastened to Beams					
Peep Deck Stringer Plate, breadth & thickness					
" Angles on ditto					
" Tie Plates					
" Flat of Deck, * Material and thickness					
SHADE Bridge Deck Stringer Plate, breadth & thickness	<i>40</i>	<i>9</i>	<i>40</i>	<i>9</i>	
" Angle on ditto	<i>3 1/2 x 3 1/2</i>	<i>3 1/2</i>	<i>3 1/2 x 3 1/2</i>	<i>3 1/2</i>	
" Tie Plates <i>(Diagonal 5 pairs)</i>	<i>24</i>	<i>8</i>	<i>24</i>	<i>8</i>	
" Flat of Deck, * Material and thickness	<i>78</i>	<i>3</i>	<i>78</i>	<i>3</i>	
Forecastle Deck Stringer Plate, breadth & thickness					
" Angle on ditto					
" Tie Plates					
" Flat of Deck, * Material and thickness					
PLATING.		Inches in Ship.		Inches per Rule, Or as Approved.	
FLAT PLATE KEEL, breadth and thickness					
" Doing or increased thickness & length applied					
PLATES in Garboard Strakes, breadth & thickness from Garboard to lower part of Bilges	<i>46</i>	<i>12</i>	<i>46</i>	<i>12</i>	
" State Thickness of Plating in way of Double Bottom	<i>alt. 11 x 12</i>	<i>alt. 11 x 12</i>	<i>alt. 11 x 12</i>	<i>alt. 11 x 12</i>	
" Bilges, No. of Strakes and thickness	<i>One Strake 11 x 12</i>	<i>2 1/2</i>	<i>One Strake 11 x 12</i>	<i>2 1/2</i>	
" Of doubling at Bilges or increased thickness, and length applied	<i>alt. 11 x 12</i>	<i>alt. 11 x 12</i>	<i>alt. 11 x 12</i>	<i>alt. 11 x 12</i>	
" From up part of Bilge to ledge of Sh'rstrake					
Main Sheerstrake, breadth and thickness	<i>45</i>	<i>12</i>	<i>45</i>	<i>12</i>	
" Of doubling at Sh'rstrake & length applied					
" from Main to Spar Dk. or Awning Dk. Sh'rstrake	<i>44</i>	<i>13</i>	<i>44</i>	<i>13</i>	
" Spar or Awning Dk. Sh'rstrake, breadth & thickness	<i>44</i>	<i>13</i>	<i>44</i>	<i>13</i>	
" Shade Deck Sides	<i>9 x 8</i>	<i>9 x 8</i>	<i>9 x 8</i>	<i>9 x 8</i>	
" Peep Deck Sides					
" Bridge Deck Sides					
" Forecastle sides					
Lengths of Plating	<i>16 to 32 ft.</i>		<i>16 to 32 ft.</i>		

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