

IRON OR STEEL SHIP.

(Received at London Office)

24720

Date of writing Report *24 Feb* Port of *Newcastle*
Survey held at *Wallsend* Date, First Survey *19 Feb* Last Survey *2 Sep* 1890
On the *Screw Steamer "Radnorshire"* Yard No *157* Rig *Schooner*

TONNAGE under
Tonnage Deck
Do. between Tonnage Dk.
and 3rd, 4th, Spar or
Awning Dk.
Total under Upper Dk. *2200.65*
Do. of Poop *57.57*
Do. of Raised Or. *47.05*
Dk. or Break *138.02*
Do. of Bridge *334.04*
Do. of Houses on Deck *4.09*
Do. of excess of Hatchways *30.09*
Do. of Forecastle *59.01*
Gross *2897.60*
Less C. & W. Space *67.21*
Net *2830.39*
Less Engine Room *927.23*
Register Tonnage *1889.01*
as out on Beam

ONE, OR TWO DECKED, THREE DECKED VESSEL,
SPAR, OR AWNING-DECKED VESSEL.
Half Breadth (moulded) *20.40*
Depth from upper part of Keel to top of Upper Deck Beams *23.98*
Girth of Half Midship Frame (as per Rule) *40.58*
1st Number *84.96*
1st Number, if a 3-Decked Vessel .. deduct 7 feet
Length *310.33*
2nd Number *26365*
Proportions—Breadth to Length *7.60*
Depths to Length—Upper Deck to Keel *12.94*
Main Deck ditto

Master *F. Davies*
Year of appointment
Built at *Wallsend*
When built *1890* Launched *9 July 1890*
By whom built *C.S. Swan & Hunter*
Owners *J. & J. Jenkins*
Managers
(If desired to be entered in Reg. Book.)
Residence *London*
Port belonging to *London*
Destined Voyage *Antwerp to load out*
If Surveyed while Building, Afloat, or in Dry Dock.
While building and afloat

LENGTH on deck as per Rule *310.4* BREADTH Moulded *40.9 1/2* DEPTH top of Floors to Upper Deck Beams *23* 11 1/2 Power of Engines *350* Horse. No. of Deck with flat laid *One* No. of Tiers Beams *Two*
Dimensions of Ship per Register, length, *312* breadth, *41* depth, *20.55* Moulded depth *23 1/2*

KEEL, depth and thickness	Inches in Ship	Inches per Rule	PLATES in Garboard Strakes, breadth & thickness	Inches in Ship	Inches per Rule
Flat Plate	<i>10 x 2 3/4</i>	<i>10 x 2 3/4</i>	From Garboard to upper part of Bilge	<i>53</i>	<i>12</i>
STEM, moulding and thickness	<i>10 x 6</i>	<i>10 x 6</i>	Of d'bling at Bilge, or increased thickness, and length applied	<i>12.11</i>	<i>12.11</i>
STERN-POST for Rudder do. do. for Propeller	<i>24</i>	<i>24</i>	From up. prt of Bilge to l.r. edge of Sh'rstrake	<i>12.11</i>	<i>12.11</i>
Distance of Frames from moulding edge to moulding edge, all fore and aft	<i>24</i>	<i>24</i>	Main Sheerstrake, breadth and thickness	<i>42</i>	<i>15</i>
FRAMES, Angle Iron, for 2/3 length amidships	<i>5 x 3 1/2 x 3 1/2</i>	<i>5 x 3 1/2 x 3 1/2</i>	Of d'bling at Sh'stk. & lng. applied	<i>42</i>	<i>15</i>
Do. for 1/3 at each end	<i>5 x 3 1/2</i>	<i>5 x 3 1/2</i>	From M'n. to Up. or Spar Dk. Sh'rstrake	<i>36</i>	<i>11</i>
REVERSED FRAMES, Angle Iron	<i>3 1/2 x 3 1/2</i>	<i>3 1/2 x 3 1/2</i>	Up. or Spar Dk. Sh'rstrake, breadth & thickness	<i>19.9 1/2</i>	<i>11</i>
FLOORS, depth and thickness of Floor Plate at mid line for half length amidships	<i>40</i>	<i>40</i>	Butt Straps to outside plating, breadth & thickness	<i>19.9 1/2</i>	<i>11</i>
Thickness at the ends of vessel	<i>Cellular Bottom</i>	<i>as approved</i>	Lengths of Plating	<i>7 frame spaces</i>	
depth at 2/3 the half-bdth. as per Rule			Shifts of Plating, and Stringers	<i>2 frame spaces & over</i>	
height extended at the Bilges			Gunwale Plate on ends of Awning, Spar, or Upper Deck Beams, breadth and thickness	<i>44</i>	<i>11</i>
BEAMS, Upper, Spar, or Awning Deck	<i>7 1/2</i>	<i>3</i>	Angle Iron on ditto	<i>Flanged as approved</i>	
Single or d'ble Ang. Iron, Plate or Tee Bulb Iron			Tie Plates fore and aft, outside Hatchways		
Single or double Angle Iron on Upper edge	<i>24</i>	<i>24</i>	Diagonal Tie Plates on Beams No. of Pairs		
Average space			Flat of Up., Spar, or Awning Dk.	<i>5.6</i>	<i>5.6</i>
BEAMS, Main, or Middle Deck	<i>Not framed as approved</i>		How fastened to Beams	<i>Riveted</i>	
Single or d'ble Ang. Iron, Plate or Tee Bulb Iron			Stringer Plate on ends of Main or Middle Deck	<i>45</i>	<i>12</i>
Single, or double Angle Iron, on Upper Edge			Beams, breadth and thickness		
Average space			Is the Stringer Plate attached to the outside plating?	<i>Yes</i>	
BEAMS, Lower Deck	<i>11</i>	<i>11</i>	Angle Irons on ditto, No.	<i>4 1/2 x 4 1/2 x 10</i>	<i>4 1/2 x 4 1/2 x 10</i>
Single or d'ble Ang. Iron, Plate or Tee Bulb Iron			Tie Plates, outside Hatchways		
Single or double Angle Iron on Upper Edge	<i>5</i>	<i>4</i>	Diagonal Tie Plates on Beams, No. of pairs		
Average space	<i>As approved profile</i>		Flat of Middle Deck	<i>7.8</i>	<i>7.8</i>
BEAMS, Hold, or Orlop	<i>Not framed as approved</i>		How fastened to Beams	<i>Riveted</i>	
Single or d'ble Ang. Iron, Plate or Tee Bulb Iron			Stringer Plates on ends of Lower Deck, Hold or Orlop Beams	<i>Riveted to web frames and brackets as approved</i>	
Single or double Angle Iron on Upper Edge			Is the Stringer Plate attached to the outside plating?	<i>Yes</i>	
Average space			Angle Irons on ditto, No.	<i>3 1/2 x 3 1/2 x 8</i>	<i>3 1/2 x 3 1/2 x 8</i>
KEELSONS Centre line, single or double plate, box, or Intercoastal, Plates	<i>40</i>	<i>10</i>	Stringer or Tie Plates, outside Hatchways		
Rider Plate	<i>64</i>	<i>9</i>	Flat of Lower Deck		
Bulb Plate to Intercoastal Keelson	<i>Cellular Bottom</i>	<i>as approved</i>	Ceiling betwixt Decks, thickness and material	<i>Pattern and space</i>	
Angle Irons	<i>4</i>	<i>4</i>	in hold do. do.		
Double Angle Iron Side Keelson	<i>4</i>	<i>4</i>	Main piece of Rudder, diameter at head	<i>8</i>	<i>8</i>
Side Intercoastal Plate	<i>26</i>	<i>8</i>	do. at heel	<i>4</i>	<i>4</i>
do. Angle Irons	<i>3 1/2</i>	<i>3 1/2</i>	Can the Rudder be unshipped afloat?	<i>Yes</i>	
Attached to outside plating with angle iron	<i>Not framed as approved</i>		Bulkheads No.	<i>6</i>	No. per Rule <i>5</i>
BILGE Angle Irons	<i>18</i>	<i>by 9/16</i>	Thickness of	<i>7/8</i>	
do. Bulb Iron	<i>Side stringers 18" by 8.7</i>	<i>20</i>	Height up	<i>To upper deck</i>	
do. Intercoastal plates riveted to plating for length	<i>with diamond plates</i>		How secured to sides of ship	<i>Between double frames</i>	
BILGE STRINGER Angle Irons	<i>30</i>	<i>by 24" by 8.7</i>	Size of Vertical Angle Irons	<i>5 x 3 1/2 x 8 1/2</i>	and distance apart <i>30</i> ins.
Intercoastal plates riveted to plating for length			Are the outside Plates doubled two spaces of Frames in length?	<i>Yes</i>	
HIDE STRINGER Angle Irons					

The FRAMES extend in one length from *from bilge to bilge* hence to *gunwale*
The REVERSED ANGLE IRONS on floors and frames extend *from middle line to main deck*
KEELSONS. Are the various lengths of Plates and Angle Irons properly connected? *Yes* And butts properly shifted? *Yes*
PLATING. Garboard double riveted to Keel, with rivets *1* in. diameter, averaging *4* ins. from centre to centre.
Edges of Garboard is and to upper part of Bilge, worked clencher, double riveted; with rivets *7/8* in. diameter, averaging *3 1/2* ins. from centre to centre.
Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets *7/8* in. diameter averaging *3* ins. from centre to centre.
Butts of all Strakes at Bilge for *3/4* length, treble riveted with Butt Straps *4/20* thicker than the plates they connect *8 1/2* Strakes lapped.
Edges from Bilge to Main Sheerstrake, worked clencher, double or single riveted; with rivets *7/8* in. diameter, averaging *3 1/2* ins. from cr. to cr.
Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets *7/8* in. diameter, averaging *3* ins. from cr. to cr.
Edges of Main Sheerstrake, double or single riveted. Upper Sheerstrake, double or single riveted.
Butts of Main Sheerstrake, treble riveted *3/4* length amidships. Butts of Upper or Spar Sheerstrake, treble riveted *✓* length amidships.
Butts of Main Stringer Plate, treble riveted for *3/4* length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for *✓* length.
Breadth of laps of plating in double riveting *5 1/4* Breadth of laps of plating in single riveting *✓*
Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? *Treble & double* No. of Breasthooks, *6* Crutches, *4*
What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, and Plating, &c.? *Good quality steel tested.*
Manufacturer's name or trade mark, *Steel Plates, Gunsett & Co. Stockton M.S.C. Iron Works, Stockton M.S.C.*
The above is a correct description.
Builder's Signature, *C.S. Swan & Hunter* Surveyor's Signature, *J. Shilstone*
Surveyor to Lloyd's Register of British and Foreign Shipping.

