

3303

IRON SHIPS.

Recd 22/9/63

Surveyed at Newcastle Date 13 Dec 1863
 Name of the Vessel "The Adriatic" Master Chas M Douglas
 Tonnage Gross 45 Engine Room 14 Register 9411 Built at Newcastle
 when Built 1863 By whom built Wm & John Brown Owners Wm & John Brown
 Port belonging to London Destined Voyage London
 Surveyed Afloat or in Dry Dock and while building

Description	Feet.		Inches.		Depth from top of Upper Deck		Feet.		Inches.		Horse No.
	Length	Breadth	Beam	Thickness	Top	Bottom	Top	Bottom			
Length aloft	226										
Extreme Breadth		32.05									
Beam to top of Floor					16	9					150
Distance of Frames or Ribs from moulding edge to moulding edge, all fore and aft	18		18								
Floors, Size of Angle Iron, and No. at bottom of Floor Plate	5	3	5	3							
depth and thickness of Floor Plate at mid line	17	9	17	9							
depth and thickness of Floor Plate at Bilge Keelson	9	9	5	9							
Size of Reversed Angle Iron, and No. at top of Floor Plate	3	3	4	3							
Size of Angle Iron, single or double	5	3	5	3							
Reversed Iron, if to every frame	3	3	4	3							
Beams, Deck (No. of Angle Iron)	5	3	5	3							
Bulb Iron with double Angle Iron on top	3	3	4	3							
depth & thickness of plate amidships	8	9	8	9							
double or single Angle Iron, on lower edge	3	3	4	3							
average space between if wood (No. sided & moulded)	3	3	4	3							
old, or Lower Deck (No. of Angle Iron or Bulb Iron with double Angle Iron on top)	3	3	4	3							
depth & thickness of plate amidships	8	9	8	9							
double or single Angle Iron, on lower edge	3	3	4	3							
average space between if wood (No. sided & moulded)	3	3	4	3							
Paddle, wood, sided and moulded or if Iron, size of Plate											
Engine											
Keelson, wood, sided & moulded, iron size of plate, if Box give sketch & dimensions											
Side or Bilge											
Number											

Transoms, material Iron or, if none, in what manner compensated for.

Knight-heads None Bulkheads, No. Three Thickness of 1/2 - 1/4

Hawse Timbers None are they free from defects? Yes how secured to the sides of the ship by double plates

The Frames or Ribs extend in one length from Keel to Gunwale fitted through plates with 3/4 in. rivets, about (6) apart.

The reverse angle irons on the floors extend in one length across the middle line from Keel to Gunwale alternately to Gunwale

Keelson, how are the various lengths of plates or angle irons connected? Riveted with 1/2 in. rivets

Plates, Garboard, double or single rivetted to keel & at upper edge, with rivets (1/2 in.) diameter averaging (3 in.) from centre to centre of rivet.

Edges from Garboards to upper part of bilge, worked carvel with a lining piece (1/2 in.) thick or clencher, double or single rivetted; rivets (3/4 in.) diameter, averaging (3 ins.) from centre to centre of rivets.

Butts from Keel to turn of bilge, worked carvel with a lining piece (1/2 in.) thick, double or single rivetted; rivets (3/4 in.) diameter, averaging (3 ins.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? No

Edges from bilge to planksheer, worked carvel with a lining piece (1/2 in.) thick, double or single rivetted; rivets (3/4 in.) diameter, averaging (3 in.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? No

Butts from bilge to planksheers, worked carvel with a lining piece (1/2 in.) thick, or clencher, double or single rivetted; rivets (3/4 in.) diameter averaging (3 ins.) from centre to centre of rivets. Breadth of laps in double rivetting (4) Breadth of laps in single rivetting (2 1/4)

Planksheer, how secured to the plating of the sides Keel 5 3/4

Waterway None planksheer and to the Beams bolts to stringer and side plating

Side trussing Diagonal breadth and thickness of plates 12 x 9 1/2 how secured? Riveted on top of beams

Deck trussing Diagonal 12 x 9 1/2 Riveted on top of beams

Deck Beams, how secured to the side? Welded keels rivetted to transoms

Hold or Lower Deck None

Paddle None

No. of breasthooks 5 crutches 1 how are pointers compensated? None

What description of iron is used for the angle iron and plate iron in the vessel? Wrought Iron

Builder's Signature Wm & John Brown

Surveyed by J. B. Richardson

IRON 436-004

