

# 3855 IRON SHIPS.

Name                     

Rev 21/11/64

No. 2263 Survey held at Glasgow Date 5<sup>th</sup> Nov<sup>r</sup> 1864  
 on the S.S. Perthshire Lassie Master W. McEminell  
 Tonnage Gross 229.57 Engine Room 69 Register 160.51 Built at Glasgow  
 under No. 210,21 When Built 1864 Launched 24<sup>th</sup> Aug<sup>r</sup> 1864 By whom built Union Ship B<sup>y</sup> Comp<sup>y</sup>  
 Owners Bristol & G<sup>l</sup> & Co<sup>rs</sup> Port belonging to Bristol Destined Voyage Bristol coaster  
 If Surveyed Afloat or in Dry Dock While building

Length aloft	Feet. Inches.	Extreme Breadth	Feet. Inches.	Depth from top of Upper Deck Beam to top of Floor	Feet. Inches.	Power of Engines	Horse
124	-	21		12	45	32	32
Distance of Frames or Ribs from moulding edge to moulding edge, all fore and aft	21		Inches in Ships. 21		Inches required per Rule. 21		300
Floors, Size of Angle Iron, and No. at bottom of Floor Plate	19 1/2	2 1/2	7/16	3	2 1/2	7/16	
depth and thickness of Floor Plate at mid line	13 1/2	5/16	13/16	1/16			
depth and thickness of Floor Plate at Bilge Keelson	5	5/16					
Size of Reversed Angle Iron, and No. at top of Floor Plate	2 1/2	2 1/2	5/16	2 1/2	2 1/2	7/16	
Frames, Size of Angle Iron, single or double	2 1/2	2 1/2	7/16	3	2 1/2	7/16	
Reversed Iron, No. to every frame or every other frame	10 upper part of bilge						
Beams, Deck (No. 24) double Angle Iron, Rib of Bulb Iron	6	6	5/16	5	5/16		
double or single Angle Iron, on upper edge	2 1/2	2 1/2	7/16	2	2	7/16	
average space between	3 ft 6 ins		3 ft 6 ins				
if wood (No. ) sided & moulded							
Hold, or Lower Deck (No. ) double Angle Iron, Plate, or Bulb Iron							
double or single Angle Iron on edge							
average space between							
if wood (No. ) sided & moulded							
Paddle, wood, sided and moulded, or if Iron, size of Plate							
Engine							
Keelson, single plate, box, or intercostal	16 1/2	5/16	16 1/2	6	6	7/16	
Size of Plates	Bulb Plate 6		7/16	5	5	7/16	
Size of Angle Irons	2	2	7/16	3	3	7/16	
Ditto Bilge (No. 2)							

Transoms, material iron plate, if none, in what manner compensated for.                     

Knight-heads, and Hawse Timbers Iron frames

The Frames or Ribs extend in one length from Keel to gunwale rivetted through plates with (5/8 in.) rivets, about (4 1/2) apart.

The reverse angle irons on the floors extend in one length across the middle line from above bilge above bilge

Keelson, how are the various lengths of plates or angle irons connected? by butt course

Plates, Garboard, double or single rivetted to keel & at upper edge, with rivets (5/8 in.) diameter averaging (3 1/4 in.) from centre to centre of rivet.

Edges from Garboards to upper part of bilge, worked carvel with a lining piece ( ) thick, or clencher, double or single rivetted; rivets (5/8 in.) diameter, averaging (2 1/2 ins.) from centre to centre of rivets.

Butts from Keel to turn of bilge, worked carvel with a lining piece (7/16) thick, double or single rivetted; rivets (5/8 in.) diameter, averaging (2 1/2 ins.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? Yes

Edges from bilge to sheerstrake, worked carvel with a lining piece ( ) thick, or clencher, double or single rivetted; rivets (5/8 in.) diameter, averaging (2 1/2 ins.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? Yes

Edge of Sheerstrake, double or single rivetted?                     

Butts from bilge to planksheers, worked carvel with a lining piece (5/16) thick, double or single rivetted; rivets (5/8 in.) diameter, averaging (2 1/2 ins.) from centre to centre of rivets. Breadth of laps in double rivetting (3 1/2) Breadth of laps in single rivetting (2 1/2)

Butt Straps of Keelsons, Stringer and Tie Plates, double or single rivetted? Double

Planksheer, how secured to the plating of the sides                     

Waterway                      planksheer and to the Beams                      if necessary. Iron bulwarks & gutter waterway

Deck Beams, how secured to the side? Welded knees rivetted to frames

Hold or Lower Deck                     

Paddle                     

No. of breasthooks 2 crutches 2 how are pointers compensated? Stringers run through

What description of iron is used for the angle iron and plate iron in the vessel? Blochstein Builder's Signature George Robertson

