

Requisition No. 308  
Builder's No. 4 or 2168

# IRON SHIPS.

4715

4715

Recd 14/5/66

5074 Survey held at Port Glasgow Date 8th May 1866

The Iron Ship "Marpesia" Master James Russell

Tonnage Gross 1442.92 Engine Room 1358.86 Register Port Glasgow  
Under deck 1358.86 Poop 82.06

When Built 1866 Launched 17th April 1866 By whom built John Reid & Co.

Owners Joseph Heap & Sons Port belonging to Liverpool Destined Voyage Glyde to Melbourne

Surveyed Afloat or in Dry Dock While Building

Length aloft	Fect. Inches.	Extreme Breadth	Fect. Inches.	Depth from top of Upper Deck Beam to top of Floor	Fect. Inches.	Power of Engines	Horse.
234 <sup>3</sup> / <sub>16</sub>		38 <sup>1</sup> / <sub>2</sub>		23 <sup>5</sup> / <sub>16</sub>			
Distance of Frames or Ribs from moulding edge to moulding edge, all fore and aft	24		24				
Floors, Size of Angle Iron, and No. at bottom of Floor Plate and forward	5	3 <sup>1</sup> / <sub>2</sub>	96	5	3 <sup>1</sup> / <sub>2</sub>	96	
depth and thickness of Floor Plate at mid line	20		46	25 <sup>1</sup> / <sub>2</sub>		46	
depth and thickness of Floor Plate at Bilge Keelson	17		46			46	
Size of Reversed Angle Iron, and No. (single) at top of Floor Plate	3 <sup>1</sup> / <sub>2</sub>	3	96	3 <sup>1</sup> / <sub>2</sub>	3	96	
Frames, Size of Angle Iron, single or double	5	3 <sup>1</sup> / <sub>2</sub>	96	5	3 <sup>1</sup> / <sub>2</sub>	96	
Reversed Iron, to every frame, and on every alternate frame to gunwale	3 <sup>1</sup> / <sub>2</sub>	3	96	3 <sup>1</sup> / <sub>2</sub>	3	96	
Beams, Deck (N°) double Angle Iron, Plate, or Bulb Iron	9 <sup>1</sup> / <sub>2</sub>		96	9 <sup>1</sup> / <sub>2</sub>		96	
double or single Angle Iron, on upper edge	3 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>2</sub>	96	3 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>2</sub>	96	
average space between	4 feet		4 feet				
if wood (N°) sided & moulded							
Hold, or Lower Deck (N°) double Angle Iron, Plate, or Bulb Iron	9 <sup>1</sup> / <sub>2</sub>		96	9 <sup>1</sup> / <sub>2</sub>		96	
double or single Angle Iron, on upper edge	3 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>2</sub>	96	3 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>2</sub>	96	
average space between	4 feet		4 feet				
if wood (N°) sided & moulded							
Paddle, wood, sided and moulded, or if Iron, size of Plate	10 x 12		14				
Engine							
Keelson, single plate, box, or intercostal	17 <sup>1</sup> / <sub>2</sub>		46	17 <sup>1</sup> / <sub>2</sub>		46	
Size of Plates	5 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>2</sub>	96	5 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>2</sub>	96	
Size of Angle Irons	5 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>2</sub>	96	5 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>2</sub>	96	
Bilge (No. Two or two sister)	5 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>2</sub>	96	5 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>2</sub>	96	

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

Light-heads, and Hawse Timbers Iron

Frames or Ribs extend in one length from Keel to Gunwale rivetted through plates with (7/8 in.) rivets, about (7 inches) apart.

Reverse angle irons on the floors extend in one length across the middle line from Lower deck to Gunwale alternately

Plating, how are the various lengths of plates or angle irons connected? By Angle Iron butt straps

Garboards, double or single rivetted to keel & at upper edge, with rivets (1 1/4 in.) diameter averaging (5 1/4 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 (7/8 in.) diameter, averaging (3 1/2 ins.) from centre to centre of rivets.

Butts from Keel to turn of bilge, worked carvel with a lining piece (1 1/2 in.) thick, double or single rivetted; rivets (7/8 in.) diameter, averaging (3 1/2 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 sheerstrake, worked carvel with a lining piece (1/2 in.) thick, or clencher, double or single rivetted; rivets (7/8 in.) diameter, averaging (3 1/2 in.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? No

Edge of Sheerstrake, double or single rivetted? Butt straps to Sheerstrakes extend from the frames abaft to the frames abaft the butt

Butts from bilge to planksheers, worked carvel with a lining piece (1 1/2 in.) thick, double or single rivetted; rivets (7/8 in.) diameter averaging (3 1/2 ins.) from centre to centre of rivets. Breadth of laps in double rivetting (5 inches) Breadth of laps in single rivetting (1 in.)

Keelsons, Stringer and Tie Plates, double or single rivetted?

Plating, how secured to the plating of the sides { Explain by sketch }  
 Planksheer and to the Beams { if necessary. }

Beams, how secured to the side? Beam ends turned down

Upper or Lower Deck, Beam ends turned down

Middle, Beam ends turned down

Breasthooks Five crutches Five how are pointers compensated?

What description of iron is used for the angle iron and plate iron in the vessel? Conssett Iron Co.

Builder's Signature  
John Reid & Co.  
Lloyd's Register  
of Shipping

IRON 439-0340

