

IRON SHIPS.

3876

Survey held at Colony Date 2nd December 1876
 in the Iron Ship "Heron" Master Wm. Barclay
 Tonnage Gross 101 1/2 Engine Room 14 P. 5 P Register 55 Built at Colony
 when Built 1874 Launched 12th Nov. 1874 By whom built Wm. Barclay & Co.
 owners Wm. Barclay & Co. Port belonging to Colony Destination Voyage India
 Surveyed Afloat or in Dry Dock whilst building

Length aloft 222 Extreme Breadth 29 Depth from top of Upper Deck }
 Beam to top of Floor 10 Power of Engines 110

	Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches
Distance of Frames or Ribs from moulding edge to moulding edge, all fore and aft	21		21							
Size of Angle Iron, and No. at bottom of Floor Plate	4	3	4	3						
depth and thickness of Floor Plate at mid line	10		10							
depth and thickness of Floor Plate at Bilge Keelson	9		9							
Size of Reversed Angle Iron, and No. at top of Floor Plate	3	3	3	3						
Frames, Size of Angle Iron, single or double	4	3	4	3						
Reversed Iron, if to every frame										
Hold B. if every frame										
Beams, Deck (No. 50) double or single	7		7							
Plate, or Bulb Iron										
double or single Angle Iron, on upper edge	3	3	3	3						
space between	3		3							
sided & moulded										
(No. 40)										
late, or Bulb Iron	4		4							
Angle Iron	3	3	3	3						
space between	3		3							
No. sided & moulded										
sod, sided and moulded, or iron, size of Plate										
for plate, lower, or intercostal	22		22							
size of Plates										
Size of Angle Irons	4	4	4	4						
size (No. 40)										

us, material iron, if none, in what manner compensated for. how secured to the sides of the ship by bolts between the
 heads, and Haase Timbers bolts to each side of the frame size of vertical angle iron and their distance apart 3 in. to 4 in.
 frames or Ribs extend in one length from middle line to Gunwale rivetted through plates with (3/4 in.) rivets, about (12) apart
 angle irons on the floors extend in one length across the middle line from upper part of Hold beams to Gunwale
 " " on the frames " " from middle line to Gunwale
 how are the various lengths of plates or angle irons connected? by lap and rivets
 Garboard, double or single rivetted to keel & at upper edge, with rivets (3/4 in.) diameter averaging (3 3/4 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 clench, double or single rivetted; rivets (3/4 in.) diameter, averaging (3 1/2 in.) from centre to centre of rivets.
 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 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
 edges from bilge to sheerstrake, worked carvel with a lining piece (1/2 in.) thick, or clench, double or single rivetted; rivets (3/4 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? Double Rivetted
 Butts from bilge to planksheers, worked carvel with a lining piece (1/2 in.) thick, double or single rivetted; rivets (3/4 in.) diameter, averaging (3 1/2 in.) from centre to centre of rivets. Breadth of laps in double rivetting (1 1/2 in.) Breadth of laps in single rivetting (1 1/2 in.)
 Butt Straps of Keelsons, Stringer and Tie Plates, double or single rivetted? Double
 Planksheer, how secured to the plating of the sides Explain by sketch None
 Waterway " " planksheer and to the Beams if necessary None
 Deck Beams, how secured to the side? Welded keels rivetted to beams
 Hold or Lower Deck None
 Paddle " " how are pointers compensated? all pointers run through the
 No. of breasthooks Four crutches Four
 What description of iron is used for the angle iron and plate iron in the vessel? Colony Iron Builder's Signature Barclay & Co.

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