

# IRON SHIP. 1697

4038 Survey held at *Port Glasgow* Date, First Survey *29<sup>th</sup> Dec 1846* Last Survey *16 August 1846*

the Ship *"Marlborough"* Master *Anderson*

Official Number *4038*

Tonnage under Deck *1040.20*

of Third, Spar, or Awning Deck *48.91*

of Poop, or Raised Quarter Deck *244.0*

Ditto of Houses on Deck *44.20*

Ditto of Forecastle *1190.95*

Gross Tonnage *66.5*

Less Crew Space *1124.45*

Less Engine Room

Register Tonnage as cut on Beam

ONE, OR TWO DECKED, THREE DECKED VESSEL.

SPAR, OR AWNING DECKED VESSEL.

HALF BREADTH (moulded) *14.30*

DEPTH from upper part of Keel to top of Upper Deck Beam *23.16*

GIRTH of Half Midship Frame (as per Rule) *34.9*

1st NUMBER *45.45*

1st NUMBER, if a THREE DECKED VESSEL [deduct 7 feet]

LENGTH *210.64*

2nd NUMBER *16490*

PROPORTIONS—Breathths to Length *6.24*

Depths to Length—Upper Deck to Keel *9.43*

Main Deck ditto

Built at *Port Glasgow*

When built *1846* Launched *24 June 46*

By whom built *Robt. Dickson & Co*

Owners *James Gallier & Co*

Port belonging to *Glasgow*

Destined Voyage

Surveyed while Building,  Afloat, or in Dry Dock.

PLANS CASE

LENGTH on deck as per Rule *210.64* Breadth Moulded *34.90* DEPTH top of Floors to Upper Deck Beams *21.21* Power of Engines *✓* Horse *✓* N° of Decks with flat laid *two* N° of Tiers of Beams *two*

Dimensions of Ship per Register, length, *220* breadth, *35* depth, *21*

	Inches in Ship	Inches per Rule	Inches in Ship	Inches per Rule	Inches in Ship	Inches per Rule	Inches in Ship	Inches per Rule
KEEL, depth and thickness	<i>8 1/2 x 2 9/16</i>	<i>8 1/2 x 2 1/2</i>						
STEM, moulding and thickness	<i>8 x 2 1/2</i>	<i>8 x 2 1/2</i>						
STERN-POST for Rudder do. do. for Propeller	<i>8 x 2 1/2</i>	<i>8 x 2 1/2</i>						
Distance of Frames from moulding edge to moulding edge, all fore and aft	<i>23</i>	<i>23</i>						
FRAMES, Angle Iron, for 3/4 length amidships Do. for 1/2 at each end	<i>5 3/8</i>	<i>5 3/8</i>	<i>5 3/8</i>	<i>5 3/8</i>	<i>5 3/8</i>	<i>5 3/8</i>	<i>5 3/8</i>	<i>5 3/8</i>
REVERSED FRAMES, Angle Iron	<i>3 3/8</i>	<i>3 3/8</i>	<i>3 3/8</i>	<i>3 3/8</i>	<i>3 3/8</i>	<i>3 3/8</i>	<i>3 3/8</i>	<i>3 3/8</i>
FLOORS, depth and thickness of Floor Plate at mid line for half length amidships thickness at the ends of vessel depth at 3/4 the half-bdth. as per Rule height extended at the Bilges	<i>2 1/2</i>	<i>2 1/2</i>	<i>9</i>	<i>9</i>	<i>11 3/4</i>	<i>11 3/4</i>	<i>11 3/4</i>	<i>11 3/4</i>
BEAMS, Upper, Spar, or Awning Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron Single or double Angle Iron on Upper Edge Average space	<i>3</i>	<i>3</i>	<i>6</i>	<i>6</i>	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>
BEAMS, Main, or Middle Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron Single or double Angle Iron, on Upper Edge Average space	<i>3</i>	<i>3</i>	<i>6</i>	<i>6</i>	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>
BEAMS, Lower Deck, Hold, or Orlop Single or d'ble Ang. Iron, Plate or Tee Bulb Iron Single or double Angle Iron on Upper Edge Average space	<i>3</i>	<i>3</i>	<i>6</i>	<i>6</i>	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>
KEELSONS—Centre line, single or double plate, box, or intercostal, Plates Rider Plate Bulb Plate to Intercostal Keelson Angle Irons Double Angle Iron Side Keelson Side Intercostal Plate do. Angle Irons Attached to outside plating with angle iron	<i>11</i>	<i>11</i>	<i>12</i>	<i>12</i>	<i>10 3/4</i>	<i>10 3/4</i>	<i>12</i>	<i>12</i>
BILGE Angle Irons do. Bulb Iron do. Intercostal plates riveted to plating for length	<i>5</i>	<i>5</i>	<i>9</i>	<i>9</i>	<i>5</i>	<i>5</i>	<i>9</i>	<i>9</i>
BILGE STRINGER Angle Irons Intercostal plates riveted to plating for length	<i>5</i>	<i>5</i>	<i>9</i>	<i>9</i>	<i>5</i>	<i>5</i>	<i>9</i>	<i>9</i>
SIDE STRINGER Angle Irons								

	Inches in Ship	16ths in Ship	Inches per Rule	16ths per Rule
Flat Keel Plates, breadth and thickness				
PLATES in Garboard Strakes, breadth and thickness from Garboard to upper part of Bilges of doubling at Bilge, or increased thickness, and length applied	<i>34</i>	<i>11</i>	<i>34</i>	<i>11</i>
fin up. part of Bilge to l. edge of Sh'rstrake				
Main Sheerstrake, breadth and thickness of d'bling at Sh'rstrake, & length applied from Mn. to Up. or Spar Dk. Sh'rstrake. Up. or Spar Dk Sh'rstrake, brdth & thickness	<i>36</i>	<i>12</i>	<i>36</i>	<i>12</i>
Butt Straps to outside plating, breadth & thickness	<i>9 1/2</i>	<i>11 1/2</i>	<i>9 1/2</i>	<i>11 1/2</i>
Lengths of Plating	<i>14 1/2</i>	<i>16 1/2</i>	<i>14 1/2</i>	<i>16 1/2</i>
Shifts of Plating, and Stringers	<i>2</i>	<i>4</i>	<i>2</i>	<i>4</i>
Gunwale Plate on ends of Awning, Spar, or Upper Deck Beams, breadth and thickness				
Angle Iron on ditto				
Tie Plates fore and aft, outside Hatchways				
Diagonal Tie Plates on Beams No. of Pairs, Planksheer material and scantling				
Waterways do. do.				
Flat of Upper Deck do. do.				
How fastened to Beams				
Stringer Plate on ends of Main or Middle Deck Beams, breadth and thickness	<i>30</i>	<i>10</i>	<i>30</i>	<i>10</i>
Is the Stringer Plate attached to the outside plating?	<i>yes</i>			
Angle Irons on ditto, No. One	<i>5 x 5 1/2 x 9</i>		<i>5 x 5 1/2 x 9</i>	
Tie Plates, outside Hatchways	<i>12</i>	<i>10</i>	<i>12</i>	<i>10</i>
Diagonal Tie Plates on Beams, No. of pairs	<i>5</i>	<i>12</i>	<i>10</i>	<i>12</i>
Waterways materials and scantlings				
Flat of Middle Deck do. do.				
How fastened to Beams				
Stringer Plates on ends of Lower Deck, Hold or Orlop Beams	<i>31</i>	<i>9</i>	<i>31</i>	<i>9</i>
Is the Stringer Plate attached to the outside plating?	<i>yes</i>			
Angle Irons on ditto, No. 2	<i>4 x 4 x 8</i>		<i>4 x 4 x 8</i>	
Stringer or Tie Plates, outside Hatchways	<i>12</i>	<i>10</i>	<i>12</i>	<i>10</i>
Flat of Lower Deck	<i>3</i>			
Ceiling betwixt Decks, thickness and material in hold	<i>2 1/2</i>	<i>8</i>	<i>2 1/2</i>	
Main piece of Rudder, diameter at head do. at heel	<i>5 1/2</i>		<i>5 1/2</i>	
Can the Rudder be unshipped afloat?	<i>yes</i>			
Bulkheads No. One Thickness of	<i>6/16</i>		<i>6/16</i>	
Height up to Main Deck				
How secured to sides of ship	<i>Double frames</i>			
Size of Vertical Angle Irons	<i>3 x 3 x 1/16</i>			
and distance apart	<i>30</i>			
Are the outside Plates doubled two spaces of Frames in length?	<i>yes</i>			

Transoms, material. Knight-heads. Hawse Timbers. *Iron*

Windlass *Starfields Patent* All Bitt *Iron*

The FRAMES extend in one length from *Keel* to *gunwale* Riveted through plates with *7/16* in. Rivets, about *18* apart.

The REVERSED ANGLE IRONS on floors and frames extend *across* middle line to *Main Deck on every* and to *frame* alternately

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 1/8* in. diameter, averaging *5 1/2* ins. from centre to centre.

Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets *7/16* in. diameter, averaging *3 1/2* ins. from centre to centre.

Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets *7/16 x 3/4* in. diameter averaging *3 3/4* ins. from centre to centre.

Butts of *three* Strakes at Bilge for *half* length, treble riveted with Butt Straps *1/16* thicker than the plates they connect.

Edges from bilge to Main Sheerstrake, worked clencher, double ~~or single~~ riveted; with rivets *3/4* in. diameter, averaging *3 1/4* ins. from cr. to cr.

Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets *7/16 x 3/4* in. diameter, averaging *3 3/4* 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 for *half* length amidships. Butts of Upper or Spar Sheerstrake, treble riveted *—* length amidships.

Butts of Main Stringer Plate, treble riveted for *half* length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for *—* length.

Breadth of laps of plating in double riveting *5 1/2* Breadth of laps of plating in single riveting *—*

Butt Straps of Keelsons, Stringer and Tie Plates, treble, double ~~or single~~ Riveted?

Waterway, how secured to Beams *Gutter* (Explain by Sketch, if necessary.)

Beams of the various Decks, how secured to the sides? *Welded knee plates* No. of Breasthooks, *5* Crutches, *4*

What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? *Angle Iron & Beams of Messena, Plates Corbett & Grossend Master Yard Corbett*

Manufacturer's name or trade mark

The above is a correct description of the Ship

Builder's Signature, *Edmund Bouchman* Surveyor's Signature, *Edmund Bouchman*

Surveyor to Lloyd's Register of British and Foreign Shipping.

IRON 468-0137

