

# IRON SHIP.

No. 1402 Survey held at Glasgow Date, First Survey 15 October 74 Last Survey 1st Dec 74  
 On the SHIP "GIL ROY" James W. McKinnon Master James W. McKinnon  
 TONNAGE under Tonnage Deck 1582.50 ONE OR TWO DECKED, THREE DECKED VESSEL. Built at Glasgow  
 Ditto of Third Storey 91.59 HALF BREADTH (moulded) 19.8 When built 1875 Launched 5 April 75  
 Ditto of Poop, or 50.57 DEPTH from upper part of Keel to top of Upper Deck Beams 25.5 By whom built John Elder & Co.  
 Ditto of Houses on Deck 62.92 GIRTH of Half Midship Frame (as per Rule) 39.5 Owners George Gibbon, Glasgow  
 Ditto of Forecastle 1767.58 1st NUMBER 84.8 Port belonging to Glasgow  
 Gross Tonnage 89.82 2nd NUMBER 30.970 Destined Voyage San Francisco  
 Less Crew Space 1677.76 PROPORTIONS—Breadths to Length 6.7 If Surveyed while Building, Afloat, or in Dry Dock.  
 Register Tonnage 1677.76 Depths to Length—Upper Deck to Keel 9.6 While Building under special survey

LENGTH on deck as per Rule 247 Feet. Inches. BREADTH—Moulded 39 Feet. Inches. DEPTH top of Floors to Upper Deck Beams 23 Feet. Inches. Horse 5 No. of Decks with flat laid TWO No. of Tiers of Beams TWO

Dimensions of Ship per Register, length, 259.2 breadth, 39.95 depth, 23.21

KEEL, depth and thickness 9 1/2 x 2 1/2 Inches in Ship. Inches per Rule. 9 1/2 x 2 1/2  
 STEM, moulding and thickness 9 x 2 1/2 9 x 2 1/2  
 STERNPOST for Rudder do. do. 9 x 2 1/2 9 x 2 1/2  
 for Propeller 9 x 2 1/2 9 x 2 1/2  
 Distance of Frames from moulding edge to moulding edge, all fore and aft 24 ins (Class 100A)

FRAMES, Angle Iron, for 1/2 length amidships 5 3/2 x 7/16 Inches. Inches. 16ths. Inches. Inches. 16ths. required required per Rule per Rule  
 Do. for 1/4 at each end 5 3/2 x 7/16 5 3/2 x 7/16  
 REVERSED FRAMES, Angle Iron 3 1/2 x 3/4 x 7/16 3 1/2 x 3/4 x 7/16  
 FLOORS, depth and thickness of Floor Plate at mid line for half length amidships 25 x 10/16 25 x 10/16  
 thickness at the ends of vessel 9/16 x 5/16 9/16 x 5/16  
 depth at 1/4 the half-bdth. as per Rule AS PER SECTION  
 height extended at the Bilges TWICE DEPTH

BEAMS, Upper, Spar, or Keel Deck 9 1/2 x 9/16 9 1/2 x 9/16  
 Single or double Angle Iron, on Upper edge 3 1/2 x 3/4 x 7/16 3 1/2 x 3/4 x 7/16  
 Average space 4 feet  
 BEAMS, Main, or Middle Deck 9 1/2 x 9/16 9 1/2 x 9/16  
 Single or double Angle Iron, on Upper edge 3 1/2 x 3/4 x 7/16 3 1/2 x 3/4 x 7/16  
 Average space 4 feet

BEAMS, Lower Deck, Keel or Keel 9 1/2 x 9/16 9 1/2 x 9/16  
 Single or double Angle Iron, on Upper edge 3 1/2 x 3/4 x 7/16 3 1/2 x 3/4 x 7/16  
 Average space 4 feet

KEELSONS Centre line, single 18 x 13/16 18 x 13/16  
 " Rider Plate 12 1/2 x 13/16 12 x 13/16  
 " Double Plate to Intercoastal Keelson 5 1/2 x 4 x 9/16 5 1/2 x 4 x 9/16  
 " Angle Irons 5 1/2 x 4 x 9/16 5 1/2 x 4 x 9/16  
 " Double Angle Iron Side Keelson 5 1/2 x 4 x 9/16 5 1/2 x 4 x 9/16  
 " Side Intercoastal Plate 5 1/2 x 4 x 9/16 5 1/2 x 4 x 9/16  
 " do. Angle Irons 5 1/2 x 4 x 9/16 5 1/2 x 4 x 9/16  
 " Attached to outside plating with angle iron 5 1/2 x 3 1/2 x 7/16 3 1/2 x 3 1/2 x 7/16

BILGE Angle Irons 5 1/2 x 4 x 9/16 5 1/2 x 4 x 9/16  
 " do. Double Iron 5 1/2 x 4 x 9/16 5 1/2 x 4 x 9/16  
 " do. Intercoastal plates riveted to plating for length 5 1/2 x 4 x 9/16 5 1/2 x 4 x 9/16

BILGE STRINGER Angle Irons 5 1/2 x 4 x 9/16 5 1/2 x 4 x 9/16  
 Intercoastal plates riveted to plating for length 5 1/2 x 4 x 9/16 5 1/2 x 4 x 9/16

SIDE STRINGER Angle Irons 5 1/2 x 4 x 9/16 5 1/2 x 4 x 9/16  
 Transoms, material. Knight-heads. Hawse Timbers. Simple plates riveted  
 Windlass Harpoon, Patent Pall Bitt Simple plates riveted

The FRAMES extend in one length from Keel to Gunwale Riveted through plates with 7/8 in. Rivets, about 6 apart.  
 The REVERSED ANGLE IRONS on floors and frames extend across middle line to Main Deck Stringer and to 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 3/4 ins. from centre to centre.

Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets 7/8 in. diameter, averaging 3 3/4 ins. from centre to centre.  
 Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets 7/8 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 single riveted; with rivets 7/8 in. diameter, averaging 3 3/4 ins. from cr. to cr.  
 Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets 7/8 in. diameter, averaging 3 3/4 ins. from cr. to cr.  
 Edges of Main Sheerstrake, double single riveted. Upper Sheerstrake, double & single riveted.  
 Butts of Main Sheerstrake, treble riveted for Half length amidships. Butts of Upper & Spar Sheerstrake, treble riveted — longer amidships.  
 Butts of Main Stringer Plate, treble riveted for Half length amidships. Butts of Upper & Spar Stringer Plate, treble riveted for — longer amidships.  
 Breadth of laps of plating in double riveting 5 1/2 Breadth of laps of plating in single riveting 5 1/2

Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? Double and Single as per rule  
 Waterway, how secured to Beams Gutter (Explain by Sketch, if necessary.)  
 Beams of the various Decks, how secured to the sides? Beams riveted to frames No. of Breasthooks, 5 Crutches, 3

What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? Angle Irons, "Consett"  
 Manufacturer's name or trade mark, Consett

The above is a correct description.  
 Builder's Signature, John Elder & Co. Surveyor's Signature, James W. McKinnon  
 Surveyor to Lloyd's Register of British and Foreign Shipping.



14305 Iron

State also Length and Diameter of Lower Masts and Bowsprit Fore  $\frac{127\frac{1}{2}}{27}$  Main  $\frac{138\frac{1}{2}}{27}$  and Mizzen masts  $\frac{140\frac{1}{2}}{27}$  / 9 ftm. Lower r. Spruce  
in one - Iron plates in the round tapering to two in round at head of spruce (Mizzen Mastplate & two) -  
4 1/6 to 4 1/6 and 5 1/6 in diameter - Mizzen spruce tapered to 3 1/4 at head - Iron angles about 25 lbs in length  
from 5 feet below deck upwards - (3 angles in Mizzen) seams don't quite touch above deck with  
butt straps 1/6 thicker than plates - Mast looked a bit

Standing and Running Riggings More than sufficient in size and good in quality. She has 2 Life Long Boat and More others.

The Windlass is Warpsails, Satin Capstan 2 and Rudder good Pumps 2 with large suction 7 in

Engine Room Skylights.—How constructed?                      How secured in ordinary weather?                     

What arrangements for deadlights in bad weather?                     

Coal Bunker Openings.—How constructed?                      How are lids secured?                      Height above deck?                     

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? Four square ports on each side.

Order for Special Survey No. <u>1008</u>	DATES OF SURVEYS held while building as per Section 18.	1st. On the several parts of the frame, when in place, and before the plating was wrought } <u>1874. October 15. 20. 23. 28. 30. November 2. 6. 9.</u>
Date <u>Sept. 17/74</u>		2nd. On the plating during the process of riveting <u>12. 16. 23. 26. December 1. 5. 8. 10. 16. 19. 22. 23. 26</u>
Order for Ordinary Survey No. <u>✓</u>		3rd. When the beams were in and fastened, and before the decks were laid... } <u>28. 31. 1875. January 12. 14. 20. 22. 26. 29. February</u>
Date <u>✓</u>		4th. When the ship was complete, and before the plating was finally coated or cemented.. } <u>2. 5. 9. 12. 16. 19. 23. 25. March 2. 5. 9. 12. 16. 19. 23. 27</u>
No. <u>184</u> in builder's yard.		5th. After the ship was launched and equipped <u>30. April. 2. 6. 9. 13. 16. 20. 23. 26. 28. May 1.</u>

For Main and Trigon yards of steel extreme length 90 x 21 ins and 72 feet x 17 ins  
Plates 5/16 to 3/16 in. plates in the round. some single but double and triple plates and rod  
at times -

Fore and Main 76 x 17 Mizen 62 x 14 } Lower and Upper Cross rail yards (steel) in plates  
ditto. 72 x 17 ditto. 56 x 14 } in the ground 4 1/2 - 4 1/4. Strains single butts teak & am.  
double - Plates double & Centre.

She is well built and in accordance with approved principles eastern here with.

Dick. Hms. 41 feet x 14 feet - other 16 feet x 12 feet.  
 14 1/2 feet x 14 feet  
 State if one, two, ~~or three~~, decked vessel, or if open, or ~~covering~~ deck; and the lengths of poop, forecabin, or ~~main~~ quarter deck, and the length of deck, or ~~poor~~ deck to bottom.

How are the surfaces preserved from oxidation? Inside Cement in bottom. Paint above Outside Paint

I am of opinion this Vessel should be Classed 100 A. S.

The amount of the Entry Fee ... £ 5 : : is received by me, [Signature]  
Special G 11-12-1874 1874 [Signature]

Special ... 1812  
Certificate ... 1812

Committee's Minutes

Committee's Minute 17 10th 18 per

Character assigned 1801-21  
ALP

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