

IRON SHIPS.

Recd 11/1/72

No. 1439 Survey held at Glasgow

Date, First Survey 3rd May 1872

On the S.S. Galley of Lorne

Master Robertson

Age under Tonnage Deck	1439.88	ONE, OR TWO DECKED, SPAR, OR AWNING-DECKED VESSELS.	THREE DECKED VESSELS.	Built at	Glasgow
Net Tonnage	654.86	Half moulded breadth ... 18.0	Half Moulded Breadth ... 18.0	When built	1871
Net Tonnage of Third Deck	2024.71	Depth from upper part of Keel to top of Upper Deck Beams ... 21.2	Total Depth if three or more Decks ... 28.2	Launched	29 th Nov 1871
Net Tonnage of Poop, or Raised Qr. Dk.	51.95	Girth of Half Midship Frame (as per Rule) ... 33.4	Total Girth of Half Midship Frame ... 40.4	By whom built	R. Napier & Sons
Net Tonnage of Houses on Deck	-	1st Number ... 72.6	3rd Number ... 86.6	Owners	Shaw, Maxton & Co.
Net Tonnage of Forecastle	-	Length ... 318.3	Length ... 318.3	Port belonging to	London
Gross Tonnage	2146.64	2nd Number ... 23108	4th Number ... 27564	Destined Voyage	London to China
Net Space, as per Rule	Not measured	Depths to Length	Breadths to Length ... 8.84	and	
Net Tonnage, as a	686.92	16.84		Surveyed while Building, Afloat, or in Dry Dock.	
Net Tonnage, as a	1459.72	12.22			

Feet. Inches.	Feet. Inches.	Feet. Inches.	Feet. Inches.	Horse.	No. of Decks with flat laid	No. of Tiers of Beams																																																																																																																																																																																				
318	4	36	19.2	18	3	3																																																																																																																																																																																				
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We certify that the above is a correct description of the several particulars therein given.

Builder's Signature, *[Signature]* Surveyor's Signature, *Saml. Laphroan*

IRON 450-0144.1

Workmanship. Are the butts of plating planed or otherwise fitted? Planed 9696 In
 Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? Yes
 Do the fillings between the ribs and plates fill in solid with single pieces? or are they in short lengths of various thicknesses? One Piece
 Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes and are the rivets well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes
 Are there any rivets which either break into or have been put through the seams or butts of the plating? A few

Her Masts, ~~Masts~~, Yards, &c., are in Good condition, and sufficient in size and length. If they are of Iron or Steel give the Scanlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing the number of Plates and Angle Irons, mode of riveting, quality of Materials, and if stamped with Maker's name.

State also Length and Diameter of Lower Masts and Bowsprit Oregon Masts Schooner Rigged

Tested at Newcastle 2nd Oct. 1871
 by Robert Burrell

Tested at Newcastle 2nd Nov 71
 by Robert Burrell

N ^o .	Number for equipment	Fathoms.	Inches.	Test as per Certificate.	In. req'd per Rule.	Test req'd per Rule.	ANCHORS, N ^o .		Weight. Ex. Stock.	Test as per Certificate.	Weight req'd per Rule.
							&c.				
	27564	150	1 13/16	59.2.0	1 13/16	59 1/10	9974	32.2.20	30.12.3.7	32	
		150	1 13/16				10006	32.0.7	30.3.1.4	32	
		90	1 1/8	22.15.0	1 1/16		9975	27.1.6	26.12.0.4	27.0.23	
		90	11		11						
		90	7		7						
		190	7/4				9977	6.2.18	7.14.0.7	6 1/2	
							9978	8.0.22	5.2.2.0	3 1/4	

Her Standing and Running Rigging Wool & Hemp sufficient in size and good in quality. She has Two Life Boats and Four other

The present state of the Windlass is good Capstans 2 good and Rudder good Pumps good and efficient

Engine Room Skylights.—How constructed? Plates & Angle Irons How secured in ordinary weather? By Bolts with lead skylight over

What arrangements are there for deadlights in such for bad weather? Thick glass and wire guards

Coal Bunker Openings.—How constructed? Iron castings How are lids secured? By Slot How high above deck? 5 ft

Scuppers, &c.—What arrangements are there beyond the scuppers on deck, for clearing upper deck of water, in case of a sea coming on? Flush Deck

Cargo Hatchways.—How formed? Plates and Angle Irons State size 12 x 9 Feet

If of extraordinary size, state how framed and secured? —

What arrangement for shifting beams? A shifting Beam at each Hatch

Hatches, themselves, whether strong and efficient? Yes Main Hatchways.—State size 16 x 10 Feet

Order for Special Survey No. 472 DATES of 1st. On the several parts of the frame, when in place, and before the plating was wrought Under the
 Date June 6/71 Surveys held 2nd. On the plating during the progress of riveting Survey from
 Order for Ordinary Survey No. ✓ while building 3rd. When the beams were in and fastened, and before the decks were laid 3rd May 1871
 Date ✓ as per 4th. When the ship was complete, and before the plating was finally coated or cemented to 8th Decrs 1872
 No. 311 in builder's yard. Section 18. 5th. After the ship was launched and equipped

General Remarks,
 Has been built in conformity with the Rules for 1870-71 and with the appended approved midship section

One strake of Bidge Plating has been doubled for 100 feet amidships each side as compensation for thinness of plating in compliance with Committee's approval as per Secretary's Letter dated 18th Sept. 1871

State if one, two or three decked vessel, or if spar or awning decked, and lengths of poop, forecabin or raised quarter deck, or of double or part double bottom.
 In what manner are the surfaces preserved from oxidation? Inside Cement and Paint Outside Red Lead and Paint

I am of opinion this Vessel should be Classed 100 A. 1. Three Decks

The amount of the Entry Fee£ 5 : : : is received by me,

Special£ 1/2 : : :
 Certificate

(Travelling Expenses)
 (if any) £

Committee's Minute 15th January 1872

Character assigned 100 A 1

Sam. Laphorn

I concur in the opinion that this vessel should be classed as recommended 100 A. 1. Three Decks

Boys' Register Foundation