

# IRON SHIPS.

No. 3172 Survey held at Dundee Date 27<sup>th</sup> July 1864  
on the Screw Steam Ship Grampian Master not appointed  
Tonnage Gross 692.34 Engine Room 169.6 Register \$22.74 Built at Dundee  
under deck & 6101.78  
When Built 1864 By whom built Goulay Brothers & Co Owners —  
Launched 21/4/64  
Port belonging to Dundee Destined Voyage not fixed  
Surveyed Afloat or in Dry Dock Building & afloat

[illegible]



3690 Iron

**Workmanship.** Are the lands or laps of the clenchwork in all cases in breadth at least five times the diameter of the rivets in double rivetted edges and butts, and at least three times the diameter of the rivets where single rivetting is admitted? Yes

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 close

Do the fillings between the ribs and plates fill in solid with single pieces, or are they in short lengths of various thicknesses? Solid

Do the holes for rivetting plate to frames, lining pieces, or plate to plate, &c., conform well to each other? Conform well and are the rivet holes well and sufficiently countersunk in the outer plate? Sufficiently

Are there any rivets which either break into or have been put through the seams or butts of the plating? No

Her Masts, Yards, &c., are in Good condition, and sufficient in size and length.

For Main Mast

She has SAILS.

CABLES, &c.

ANCHORS, and their weights.

No.			Fathoms.	Inches.		No.	Weight.
1	Fore Sails,	Chain	270	1 3/8	Bower,	3	23.10 Cms
1	Fore Top Sails,	<del>Chain</del> <u>Hemp</u> Stream Cable	60	7/8		1	18.32
1	Fore Topmast Stay Sails,	Hawser	90	9	Stream,	1	19.32
1	Main Sails,	Towlines	90	7			
1	Main Top Sails,	Warp	180	3	Kedge,	2	13.220
	and other sails to form a full suit	All of <u>Good</u> quality.					1.3.16

Her Standing and Running Rigging Main & Hemp sufficient in size and Good in quality.

She has Four Boats Long Boats 29 26 25 & 22.9 Long

The present state of the Windlass is Good 2 Capstans Good and Rudder Good Pumps 4 deck & 1 Donkey

Brown & Harfield Patens 2 Steam Common Brack

**General Remarks, Statement and Date of Repairs, extent of corrosion (if any) both internally and externally, and condition of rivets.**

DATES of Surveys held while building, as per Section 17.

1st. On the several parts of the frame, when in place, and before the plating was wrought Oct & Nov 1863

2nd. On the plating during the progress of rivetting Nov Dec Jan & Feb

3rd. When the beams were in and fastened, and before the decks were laid beams put up with frames

4th. When the ship was complete, and before the plating was finally coated Feb & March

5th. After the ship was launched April May June & 27 July

This vessel is built with a round stern with full poop about 52 ft in length from point to after part stern post on poop deck also Top Gallant forecabin about 43 1/2 ft - along Center part in deck

No 13.35 Depth & 7.75 Breadths in length per rule the Compensation in consequence recommended in the Surveyors note contained in letter dated 4 June 1863 has been carried out in the construction viz Sheerstrake increased to 3/4 inch 2<sup>d</sup> Bulb plate applied to Bilge Keelson for 1/2 length 3<sup>d</sup> Floor plates extended in accordance with new rules &c

Materials throughout are of the best quality & workmanship well executed

Has been specially surveyed while building under order No 120.

In what manner are the surfaces preserved from oxidation? 3 Coats paint inside with Portland Cement out to Bilge Keelson - also 2 Coats outside hull to Water line & 3 Coats from that upwards

I am of opinion this Vessel should be classed 12 A1

The amount of the Fee ..... £ 5 : 4 : 0 is received by me,

Thomas Alexander

Special ..... £ 34 : 12 : 0

Certificate (if required) ..... £ 39 : 12 : 0

Committee's Minute 29 July 18 64

Character assigned A 1 for 12 Year

28 July 1864

Lloyd's Register Foundation