



**Workmanship.** Are the butts of plating planed or otherwise fitted? planed where practicable  
 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? solid single 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 rivet holes 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? very few in Butts only

Her Masts, Bowsprit, Yards, &c., are in good condition, and sufficient, in size and length. If they are of Iron or Steel give the Scantlings 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 Iron masts 85x25 Main 76x25 tm plates in the round 7/16 to 5/8 no angles seams double and Butts double and Seals at wedging -  
(10959 Iron)

N <sup>o</sup> .	Number for equipment	SAILS.	CABLES, &c.	Fathoms.	Inches.	Test as per Certificate.	In. req'd per Rule.	Test req'd per Rule.	ANCHORS, &c.	N <sup>o</sup> .	Weight. Ex. Stock.	Test as per Certificate.	Wght req'd per Rule.	Test req'd per Rule.
	28, 234			150	1 1/8	67 1/2	1 1/4	63 5/20			37.1.22	34 2/20	34	31 1/2
		Fore Sails,	Chain .....	150	1 1/8	67 1/2	1 1/4	63 5/20	Bowers ....	3	36.2.0	33 5/20	34	31 1/2
		Fore Top Sails,	(State Machine where Tested, and name of Superintendent).								31.2.24	29 15/20	28.3.17	27 1/2
		Fore Topmast Stay Sails	Hempen Stream Cable	90	1 1/8		1 1/8		Stream ....	1	14.2.0		13.2.0	
		Main Sails,	Hawser .....	90	10		11				7.1.14		6.3.0	
		Main Top Sails,	Towlines ....	90	8		7 1/2		Kedges ....	2	3.2.12		3.1.0	
		and	Warp .....	90	7									
			All of good quality.	80	6									

Her Standing and Running Rigging Wire Hemp sufficient in size and good in quality. She has 2 Life Long Boats and five others  
 The present state of the Windlass is Shufeldt's Capstan 2 and Rudder good Pumps four

**Engine Room Skylights.**—How constructed? Iron coming off above deck How secured in ordinary weather? Bolted down  
 What arrangements are there for deadlights in such for bad weather? Deadlights in each part

**Coal Bunker Openings.**—How constructed? Cast Iron Frames How are lids secured? Bar across How high above deck? Quicker

**Scuppers, &c.**—What arrangements are there beyond the scuppers on deck, for clearing upper deck of water, in case of a sea coming on board?  
True square ports on each side

**Cargo Hatchways.**—How formed? Iron coming State size 24x12 16x10.6 12x8  
 If of extraordinary size, state how framed and secured? Framed with Hag Beams and Iron coming

What arrangement for shifting beams? Built Iron and angles  
**Hatches, themselves, whether strong and efficient?** yes **Main Hatchways.**—State size See above

Order for Special Survey No. 825 DATES of  
 Date 2 May 1871 Surveys held  
 Order for Ordinary Survey No. — while building  
 Date — as per  
2 in builder's yard. Section 18.  
 1st. On the several parts of the frame, when in place, and before the plating was wrought Built  
 2nd. On the plating during the progress of riveting under special  
 3rd. When the beams were in and fastened, and before the decks were laid  
 4th. When the ship was complete, and before the plating was finally coated or cemented  
 5th. After the ship was launched and equipped Survey

**General Remarks,** The dimensions of this vessel having been altered while under construction. The fore and aft flange of the frame are half an inch less than required by the Rules - as Compensation for such deficiency. Double angle stringers of 4x4x9/16 fitted in the trans decks for Hag Length of vessel. See secret stamp letter and midship section -  
she is fitted with a double bottom in after hold for 74 feet also under Engines & Boilers for 56 feet - total length 130 feet -  
Plating of Inner Bottom 8/16 side plates 7/16  
Length of poop 74 feet. Length of foremast 40 feet -

State if one, two or three decked vessel, or if spar or awning decked, and lengths of poop, fore-castle or raised quarter deck, or of double or part double bottom.  
 In what manner are the surfaces preserved from oxidation? Inside Copper in Bottom & Sides Outside Taint

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

The amount of the Entry Fee .....£ 5: .. is received by me,  
Jan 1872 Special paid £ 80: 15: ..  
on 2000 tons Certificate .....

(Travelling Expenses) (if any) £ —

Committee's Minute 14<sup>th</sup> Jan'y 1873

Character assigned 100 A. 1 A. C. 3

12/18/70

Three decks  
J.P.W. M.C.

James Purdie  
 This ship is eligible to be classed 100 A.S. as recommended.  
 Lloyd's Register Foundation

Mitchell & Co., Surveyors, Liverpool  
 100 A.S. 1 A.C. 3  
 12/18/70