

REPORT of SURVEY for REPAIRS, &c.

No. in Reg. Book. **No. 4640** Survey held at **Glasgow** Date, first Survey **8th Feb** Last Survey **13th March 1870**
 on the **Iron Steamer "Pionnier"** Master **P. Raffin**
 Tonnage under Tonnage Deck **189 French** Built at **Middlesbro** When built **1867** MONTH. **10**
 Ditto of Spar Deck, or Awaiting Deck
 Ditto of Poop
 Ditto of Raised Or. Deck
 Ditto of Houses on Deck
 Ditto of Forecastle
 Gross Tonnage **491**
 Gross Space, as per Rule
 Register Tonnage, cut on Beam
 Engine Room
 Reg. Tons as St' mer, cut on Bm. **366**
 If Surveyed Afloat or in Dry Dock **Kelvinhaugh Slip and Afloat**
 Length of Poop **24** ft. Ditto, Forecastle **24** ft. Ditto, Raised Quarter Deck **24.6** ft. Years assigned. **6.77** Character in Register Book. **A1**
 Last Survey, No. **18677** Port **IRON** SS No. **70** **6.77**
 REPAIRS, OR EXAMINATION AS PER RULE **for SS No 2**

The engines and boilers taken out, the angle irons on the keelson and boiler beams renewed, the plates of main keelson where buckled by previous damage - referred to in Bordeaux report No 55 strengthened and reconnected with double buttstraps. The boiler and forepeak cleared, the ceiling lifted off the top of the waterballast compartments (which extend the whole length of the hold), the cement in bottom repaired and the compartments tested with water before replacing the ceiling, a pump added in fore peak. The deck renewed from the engine hatch to the bow. The windlass stripped and cables ranged, the bottom scraped and recoated.

There is an error of description in the Bordeaux report No 8. as to "open deck", the erections above the line of the main deck being - as follows -
 Forepeak double bottom extends forward - 49 ft 4 in. aft - 30 ft 10 in. Total length - 80 ft 2 in.

Present Condition of the					
Decks	Main deck	new	Treenails	Rivets	good
Waterways		good	Breasthooks and Stemson		"
Comings		"	Transoms, Pointers, and Crutches		"
Upper Deck Beams & Fastenings		"	Timbers of the Frame at the openings		"
Lower Deck Beams & Fastenings		"	Ditto Ditto at other places		"
Planksheers		"	Keelsons		"
Sheerstrakes		"	Clamps and Shelves		"
Topsides		"	Ceiling		"
Wales		"	Rudder		"
Plates		"	Copper Cam	When put on	1867
Plank (Bottom) and Counter		"	Caulking of		"
Engine Room Skylights	good		Bottom, Deck, & Waterways	good	
Coal Bunker, Openings, Lids, &c.	good		Windlass and Capstan	good	
Scuppers	good		Pumps	"	
Cargo and Main Hatchways	good		Boats	"	
Hatches	good		Masts, Yards, &c.	"	
			Condition, how ascertained	from the deck	
			Sails	said to be complete	
			Anchors	No. of 3 B-15 1 K	
			Cables	165 fathoms	
			Hawsers and Warps	good	
			Standing & Running Rigging	"	

General Observations, Opinion as to Class, &c.
 This vessel is now in good and efficient condition eligible to remain as classed **A1** and to be listed **SS No 2. 70**.

The Amount of Entry Fee ... £ 1 : 0 : 0 received by me, **17th April 1870**
 Special ... £ 4 : 4 : 0
 Certificate (if required) ... £ 0 : 0 : 0
 (Travelling Expenses, if any, £)
 Committee's Minute **23rd April, 1870**
 Character assigned **A1**
 Lloyd's MB S. S. No 2-70
 Surveyor to Lloyd's Register of British and Foreign Shipping.
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