

# REPORT of SURVEY for REPAIRS, &c.

No. in Reg. Book. **No. 109** Survey held at **Harre** Date, first Survey **1<sup>st</sup> February** Last Survey **22<sup>nd</sup> March** 18**78**  
**352** on the **S.S. Rio-Lima** Master **Ant. Villar**

**TONNAGE** under Tonnage Deck **236**  
 Ditto of Spar Deck, or Awaiting Deck  
 Ditto of Poop  
 Ditto of Raised Qr. Deck  
 Ditto of Houses on Deck  
 Ditto of Forecastle  
 Gross Tonnage **285**  
 Crew Space, as per Rule  
 Register Tonnage, cut on Beam  
 Engine Room  
 Reg. Tons as St<sup>r</sup>mer, cut on Bm. **180**  
 Length of **28** ft. Ditto, Forecastle **25** ft. Ditto, Raised Quarter Deck **25** ft.  
 Last Survey, No. **10840** Port **Iron**  
 Years assigned. **90** Character in Register Book. **1152**

REPAIRS, OR EXAMINATION AS PER RULE **Survey No. 1 for Iron vessels.**  
 Vessel placed in Dry Dock.  
 Hold clear and proper stages made both inside and out.  
 All close ceiling removed;  
 Coal Bunkers cleared.  
 The whole of the frames, stringers, books, floor plates, keelsons, Engines and Boilers bearers, beams, decks, water tight Bulkheads, rivets inner and outer surface of the plating exposed;  
 All oxidation removed by having been cut or beaten off the several parts above named.  
 Cement tested and re-nerved where necessary.  
 Windlass visited and cleaned; Boiler repaired and Engines over hauled; All iron painted or coated inside and out.  
 The vessel in all respects put in good condition.

Present Condition of the	Good	Treeails	Pivets	Good	Windlass and Capstan	Good
Decks	d <sup>o</sup>	Breasthooks and Stemson	d <sup>o</sup>	d <sup>o</sup>	Pumps	d <sup>o</sup>
Waterways	d <sup>o</sup>	Transoms, Pointers, and Crutches	d <sup>o</sup>	d <sup>o</sup>	Boats	d <sup>o</sup>
Omings	d <sup>o</sup>	Timbers of the Frame at the openings	d <sup>o</sup>	d <sup>o</sup>	Masts, Yards, &c.	d <sup>o</sup>
Upper Deck Beams & Fastenings	d <sup>o</sup>	Ditto Ditto at other places	d <sup>o</sup>	d <sup>o</sup>	Condition, how ascertained by examining	d <sup>o</sup>
Lower Deck Beams & Fastenings	d <sup>o</sup>	Keelsons	d <sup>o</sup>	d <sup>o</sup>	Sails	Complete & in good
Planksheers	d <sup>o</sup>	Clamps and Shelves	d <sup>o</sup>	d <sup>o</sup>	Anchors	No. of 2 B's & 1 H. & 2 S. & 2 S.
Sheerstrakes	d <sup>o</sup>	Ceiling	d <sup>o</sup>	d <sup>o</sup>	Cables	Complete & in good
Topsides	d <sup>o</sup>	Rudder	d <sup>o</sup>	d <sup>o</sup>	Hawsers and Warps	4 & 1 Tonlines &c.
Wales	d <sup>o</sup>	Copper Coated. When put on	2/78	d <sup>o</sup>	Standing & Running Rigging	Good
Plank (Bottom) and Counter	d <sup>o</sup>	Caulking of		d <sup>o</sup>		
		Bottom, Deck, & Waterways		d <sup>o</sup>		

Engine Room Skylights **Secure** Coal Bunker, Openings, Lids, &c. **Secure** Scuppers **Good** Cargo and Main Hatchways **Good** Hatches **Good**  
 General Observations, Opinion as to Class, &c. **This vessel is now in a good & efficient state of repair, fit for the conveyance of dry and perishable goods to and from all parts of the world, and in my opinion merits the favorable consideration of the Committee to be continued.** ✱ **GO A 1**

The Amount of Entry Fee ... .. £ **2 : 0 : 0** received by me, **E. J. Capelle**  
 Special ... .. £ **6 : 6 : 0** 22/3 1878  
 Certificate (if required) ... .. £ **11 : 5 : 0**  
 (Travelling Expenses, if any, £ **0, 5, 0**)  
 Committee's Minute **26th March 1878**  
 Character assigned **GO A 1**  
**Lloyd's Register**  
**IRON 471-0195**