

# Report of Survey for Repairs of Engines and Boilers.

To. // No. in Survey held at Plymouth Date, first Survey 25 August Last Survey 26 August 1879  
 eg. Book. 2924 on the S.S. "Rhône" Master J. Wetherall  
 Built at Sunderland When built February 1868  
 Tons 868 Owners W.E. Westcott & Co Port belonging to London Classified 90A1.1.79  
1343 Last Survey Iron No. 22541 MIC. 11 NESB. 71  
 Diameter of Cylinders 30" 54" Engines made at Millwall, London When made 1871  
 Length of Stroke 34 By whom made Millwall Dock Engine Works  
 Pressure of Steam 55  
 Registered Horse Power 200

Particulars of Repairs and Examination S.S. The Vessel having put into Plymouth Sound with boiler tubes leaking.

On examination it was found that the horizontal tubes were very thin and leaking badly. The combustion chambers are fitted with vertical water tubes running from the bottom to the top of the combustion chambers, and secured with nuts the same as ordinary stay tubes. These tubes being exposed to the immediate impact of flame from the furnaces, and being small in diameter, I anticipate much trouble from their becoming choked with scale and burnt.

One hundred and nineteen horizontal tubes, and one vertical tube have been taken out and replaced by new tubes.

Eighty spare tubes have been supplied, and the Boilers are now to all appearance in good condition, and are in my opinion fit to remain as classed in the Register Book.

The Coers and sea Connections of this Vessel are not fitted in accordance with the Society's Rules, nearly all the Coers being below the stowhale and engine room plates.

The Amount of Fee £ 1 : 1 : 0 received by me,  
 Certificate (if required) ... £ : : 8 Sept. 1879  
 (Travelling Expenses, if any, £ 0. 5. 0)

L. M. Nelson  
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute 18



IRON 487-0289



This vessel put in Plymouth with  
badly Boiler tubes, the Boilers have  
since been repaired and fitted  
with 190 new tubes and is  
now reported to be in  
good condition Submitted  
that she is eligible  
to remain as  
cleared

MM

18.9.79



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