

# \* 22541 Report of Survey for Repairs of Engines and Boilers.

No. \_\_\_\_\_  
 No. in Reg. Book. 283 Survey held at London Date, first Survey 18 Sep 1878 Last Survey 22 Jan 1879  
 on the S. S. "Phone" Master \_\_\_\_\_

Built at Sunderland When built 1868  
 Tons 868 Owners Ryde & Co Port belonging to London Classified 90A1  
134.3 Years assigned 7.74 Character in Register Book.

Diameter of Cylinder 30 x 54 Engines <sup>Comp</sup> made at Mullwall, London When made 1871  
 Length of Stroke 34 Pressure of Steam 53 lb By whom made Mullwall Dock & Eng Works Ltd  
 Registered Horse Power 200 HP YEAR. NB 71

Particulars of Repairs and Examination High & Low pressure cylinders examined and pistons overhauled, Air and circulating pumps overhauled, Sea cocks & connections overhauled and bolts examined, Stern shaft drawn in and found in good condition, propeller refitted, Crank shaft examined and found flawed, new crank shaft fitted, Main Boilers overhauled, and examined, several tubes cut out of boilers also one out of combustion chamber to ascertain their condition were found in fair state, new tubes fitted in these places, Safety valves (only one on each boiler) examined and found to be weighted to about 58 lbs

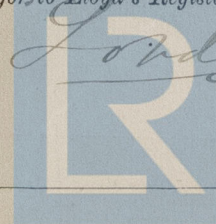
Steam receiver to main boilers examined, also donkey boiler, flat top of shell found considerably corroded & uptake wasted. New lever fitted to donkey boiler safety valve, and valve weighted to 24 lbs per sq. in.

The engines and boilers are now in good and efficient condition, and in our opinion the vessel is eligible to remain as classed and be noted 1.49.

The Amount of Fee ... £ 4 : 4 : - received by me, }  
 Certificate (if required) ... £ - : - : - } 28 Jan 1879  
 (Travelling Expenses, if any, £ \_\_\_\_\_)

James Mutton & Alfred W. Allen  
 Engineer Surveyors to Lloyd's Register of British & Foreign Shipping.

Committee's Minute \_\_\_\_\_ 18



Lloyd's Register Foundation



It is submitted that this  
vessel is eligible to  
remain as classed  
Milton 20/1/79



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