

# Report of Survey for Repairs of Engines and Boilers.

No. 17439 (Rec'd 27. 11. 76)  
 No. in Reg. Book. 1846 Survey held at London Date, first Survey Nov 2<sup>nd</sup> Last Survey Nov 6<sup>th</sup> 1876

670 on the Screw Steamer Lord of the Sea Master

Tons 2481 Owners Shaw & Macton Port belonging to London Classified 100 A 1  
2440 Lloyd's M.C. 4. 75

Diameter of Cylinder 39 1/2 168 Engines made at Glasgow When made 1870  
 Length of Stroke 42 Pressure of Steam 58 lb By whom made Napier & Sons  
 Registered Horse Power 240

Particulars of Repairs and Examination Crank shaft journals stripped  
shaft turned round and examined. Brasses at both ends  
of connecting rods fitted and lined up to proper position  
Circulating pump overhauled, new valve and valve seats  
fitted. Air pump overhauled. Bilge and feed pump  
overhauled.  
Boilers. End seams of rivets connecting shells with  
fronts and ends at bottom of boiler re-riveted. New  
plates riveted on boiler fronts for donkey feed check valves.  
Seams at bottom of boiler packed and caulked where  
required. New saddle plates at back of all but two  
furnaces flanged to back of back tube plate instead of  
being straight. Combustion chamber bottoms covered  
with iron plates bedded in red lead to prevent corrosion  
of rivets. Boilers filled to discover any leaky rivets.  
Superheaters tested.  
The machinery and boilers are now in good and  
efficient condition.

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The Amount of Fee ... 29/11/76 £1 : 0 : 0 - received by me, AS. James Milton  
 Certificate (if required) ... £ : : 18 Decr. 1876  
 (Travelling Expenses, if any, £ ) Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute 19<sup>th</sup> December 1876  
Lloyd's M.C. 4. 76

Condition of Engines and Boilers, and subsequent Repairs and Examinations, to be clearly stated.