

# Report of Survey for Repairs of Engines and Boilers. \* 24712

Survey held at London Date, first Survey Sept 4<sup>th</sup> Last Survey 19<sup>th</sup> Sept 1879  
 on the S.S. "Merkara" Master  
 Built at Glasgow When built 1875  
 Tons 2971 Owners M Macmillan & P Henry Port belonging to Glasgow Classed Lloyd Mc 8.75  
 Years assigned 100 A 1 Character in Register Book.

Diameter of Cylinder 47 1/2 Engines made at Glasgow When made 1875  
 Length of Stroke 48 By whom made Henry  
 Pressure of Steam 65 lbs.  
 Registered Horse Power 400

Particulars of Repairs and Examination in accordance with the Rules to complete S.S. No. 1. Cylinders examined & found good pistons opened out and common springs fitted to replace Cameron's patent springs which gave trouble. slides examined & found good. Crank shaft examined & found sound and in splendid condition. Main bearing & Crank pin brasses examined & found good. Air & Circulating pumps examined & found good. Main Boilers examined, a little caulking done about 26 tubes taken out for cleaning purposes & renewed to bottoms, and boilers scaled & cleaned. Superheater examined & found good. Donkey Boiler examined & found good. Spring safety valves set under steam to the loaded pressure.

The machinery & boilers of this vessel are now in good order and safe working condition and in my opinion render the vessel eligible to retain her class & to have a new machinery certificate granted and Lloyd's Mc. 9.79 recorded in the Register Book.

*[Large blue ink signature]*

The Amount of Fee ... £ 5 : 5 : 0 received by me,  
 Certificate (if required) ... £ : 5 : 0 10 Oct 1879  
 (Travelling Expenses, if any, £ )

*James Y Mutton*  
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute

The Machinery of this vessel has been  
examined at S.F. No. 1 and is reported  
to be in good condition. Subsequently  
that it is eligible to have a  
new Machinery Certificate from  
9.79. also Lloyd's M.C. 9.79  
revised

MD 22-9-79



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Foundation