

# Report of Survey for Repairs of Engines and Boilers. \* 24412

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 Dumbarton When built 1875  
 Tons 1950 Owners R McNeill & P Kelly Port belonging to Glasgow Classified Lloyd Mc 8.75  
 Character in Register Book 100A1  
 Years assigned 8.75 YEAR.

Diameter of Cylinder 47 1/2 Engines made at Dumbarton When made 1875  
 Length of Stroke 48  
 Pressure of Steam 65 lbs. By whom made Nenny  
 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 <sup>about 26 tubes taken out for cleaning purposes & renewed</sup> to bottoms, and boilers scaled & cleaned. Superheater examined & found good. Donkey boiler examined & found good. Spring safety valves set under steam to the load 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 remain her class & to have a new machinery certificate granted and Lloyd's Mc. 9.79 recorded in the Register Book.

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

Committee's Minute

(Condition of Engines and Boilers, and subsequent Repairs and Examinations, to be clearly stated.)  
 (For a No. 9-1000, 23/5/79.)  
 (The Surveyors are requested not to write on or below the space for Committee's Minute.)

JAMES Y. MULLOW

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



The Machinery of this vessel has been  
examined at S.S. No. 1 and is reported  
to be in good condition. Submitted  
that it is desirable to have a  
new machinery certificate for  
9.79. also Lloyd's M.C. 9.79  
revised

MD 22-9-79

