

Report of Survey for Repairs of Engines and Boilers.

No. 1011 on the Steam Steamer Staperayder Master
 No. in Reg. Book. Survey held at London Date, first Survey July 1st Last Survey July 16th 1879.

Built at Renfrew When built 1866
 Tons 155 Owners H.C. Cheeswright Port belonging to London Character in Register Book. A.1.
 Classified Years assigned.

Diameter of Cylinder 22 Engines made at Renfrew When made 1866
 Length of Stroke 22 Pressure of Steam 34 lbs per square inch By whom made Ben. Benson Colbourn & Co
 Registered Horse Power 40 YEAR. 1878

Particulars of Repairs and Examination. Vessel placed in Dry Dock and the propeller sea connections examined & found in good condition, Main boiler examined and found to be in good condition, Donkey boiler examined and found good. Donkey boiler safety valve is loaded by means of a spring balance Salter's a ferule now soldered to screw to prevent the valve from being overloaded, Main boiler safety valve, (Deadweight valve each 4" diameter) examined and load checked, found to be loaded at 34 lbs per square inch. Cylinders examined and found good, slides & cylinder faces found good, pistons stripped, gunk ring packing ring &c found good. Crank shaft examined and found sound and in first class conditions, the bearings (Cast iron lined with white metal) in good condition, Air pumps, (2) Circulating pumps (2), Bilge pump and feed pump examined and found good, Condenser overhauled, Link motion overhauled, Donkey sea & bilge suction pipes traced and found to be correct. The circulating discharge pipe is of cast iron, fitted with an expansion joint but no discharge valve.

The machinery and boilers of this vessel are now in good order and safe working condition, and in my opinion render the vessel eligible to have the notation B & M.S. recorded in the Register Book, the sea cocks, discharge valve &c not entitling her to Lloyd's M.C.

The Amount of Fee ... £ 3 : 3 : 0 received by me, C. J. H. P.

Certificate (if required) ... £ : : 24 July 1879

(Travelling Expenses, if any, £)

James J. Melton
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute 25th July, 1879.