

Report of Survey for Repairs of Engines and Boilers.

No. *24413*
 No. in Reg. Book. *56* Survey held at *London* Date, first Survey *July 5th* Last Survey *Aug 26th* 18 *79*
 on the *S.S. Madras* Master
 Built at *Stockton* When built *1874*
 Tons *1070* Owners *See Ship Report* Port belonging to *London* Classified *90A*
 1672

Diameter of Cylinder *30 1/2 x 61* Engines made at *Stockton* When made *1874*
 Length of Stroke *39* Pressure of Steam *85 lb* By whom made *Blair & Co*
 Registered Horse Power *140*

Particulars of Repairs and Examination *for S.S. No. 1* Vessel placed in dry dock, sea connections examined, a brass plate with new bolts fitted over donkey boiler blow off cock a new propeller shaft fitted, and propeller fixed to it. Crank shaft examined & condemned, a new one fitted. High & Low pressure cylinders examined & found in good order slides examined and found good pistons overhauled, HP Cylinder cover released, Air circulating feed and bilge pumps examined and found good, Link gear overhauled, Boilers examined, 17 new screw stays fitted in combustion chambers, and 16 new tubes fitted, in other respects the boilers were found good. Donkey boiler examined 4 new stays fitted from crown of furnace to crown of boiler. Safety valve overhauled & set to 40 lbs per sq inch. Main boiler spring safety valves set to the loaded pressure under steam.

The machinery & boilers of this vessel are now in good order and safe working condition and in our opinion render the vessel eligible to have the notification B & M.S. 79 recorded in the Register Book. The position of her blow off cocks not entitling her to Lloyd's M.C.

The Amount of Fee ... £ *5 : 5 : 0* received by me, *C.M.R.*
 Certificate (if required) ... £ : : *5 Sept 1879*
 Travelling Expenses, if any, £
 Committee's Minute 2nd September, 1879.
D. Purves & J. T. Milford
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.



1870-1879-0228