

Report of Survey for Repairs of Engines and Boilers.

No. *22438*

No. in Reg. Book. *Survey held at London*

Date, first Survey *Oct 31st* Last Survey *6th Dec* 1878

1035 on the *S.S. Mesopotamia*

Master

Built at *Renfrew*

When built *1871*

Tons *765*
1217

Owners *Lynch Bros*

Port belonging to *London*

Classed *90A* Years assigned *11* Character in Register Book *1178*

Diameter of Cylinder *30 x 60*

Length of Stroke *36*

Engines made at *Renfrew*

When made *1871*

Pressure of Steam *50*

Registered Horse Power *160*

By whom made *Henderson & Co*

Particulars of Repairs and Examination

Cylinders & pistons overhauled, Air pump fitted with new India rubber valves, Circulating pump & feed pumps overhauled, Thrust collars fitted with new phosphor bronze linings Donkey fitted with new lead suction pipe to aft well, Donkey overhauled, Patch fitted on Donkey boiler shell at the fire hole Main Boiler examined and holes bored in furnace bottoms and sides of combustion chambers, found to be $\frac{3}{8}$ thick. A strengthening ring $3 \times 3 \times \frac{1}{2}$ fitted to the bottom of each furnace, Safety valves overhauled and load increased now boilers are strengthened to 55 lb per square inch. A little caulking done to bottom of boiler & a few tubes renewed. Bottom of boiler covered inside with elastic cement.

The machinery of this vessel is now in good order and safe working condition and, in my opinion, eligible to have a new machinery certificate granted

The Amount of Fee ... £ *55 : 0* received by me, *James Millon*

Certificate (if required) ... £ : : *2 Jan 1879*

(Travelling Expenses, if any, £)

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

Committee's Minute

17th December, 1878.

Lloyd's M.C. 12.70

TRW



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It is submitted that this vessel is
eligible to have a Machinery
Certificate and the notation
Lloyd's No 12,78.

M 13.12.78



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