

Report of Survey for Repairs of Engines and Boilers.

No. 16795 (Recd 6.1.76)
 No. in Reg. Book. 835 Survey held at London Date, first Survey 4 Last Survey 28th Dec^r 1875

on the S. S. Spartan Tons 1268
842 Owners M. Spartali Port belonging to London Years assigned. 5 Character in Register Book. B1
 Classified 5.74 YEAR.

Diameter of Cylinder 36 Engines made at Port Glasgow When made 1868
 Length of Stroke 42 By whom made Blackwood & Gordon
 Pressure of Steam 40
 Indicated Horse Power 150

Particulars of Repairs and Examination
 Pistons, slide valves, feed, bilge, circulating and air pumps overhauled. Covers lifted off all bearings and crank and screw shaft examined. New after length of screw shaft. Stern bush and outer bearings renewed. Condenser doors taken off, several tubes drawn, and Condenser joint screwed down. All working parts of the engine overhauled and adjusted.

New Boilers made by Fraser, Brothers, Port. Spacing attached. These boilers are of a novel description, but this does not interfere with their safety, as they are well stayed, and of sufficient strength for the intended pressure of 40 lbs per square inch. On a trial under steam, between London and Greenwich, the only observable defect was a scarcity of generating power, and, in that respect, they will not in my opinion prove equal to the common multitubular boiler.

Space between Coal bunkers and boilers 5 inches. The Superintendent for the owners has agreed on the return of the vessel from this voyage to make the required alterations as to increase this distance. No lagging on boilers.

It is respectfully recommended that a certificate be granted for three months and that at the expiration of that time the ^{boilers} again be submitted to survey.

[Large blue ink signature]

The Amount of Fee ... 7/1/76 £ 5 : 5 : 0 received by me, John James Bain
 Certificate (if required) ... 4/3/76 £ : : John 1876
 (Travelling Expenses, if any, £)