

Report of Survey for Repairs of Engines and Boilers.

#24449

No. _____
 No. in Reg. Book. 79 Survey held at London Date, first Survey Sept 6th Last Survey Sept 13th 1879
 on the S.S. James Joyce Master _____
 Built at Newcastle When built 1863
 Tons 441 Owners J. Fenwickson Port belonging to London Years assigned. _____ Character in Register Book. A 1
702

Diameter of Cylinder 38 Engines made at Newcastle When made 1863
 Length of Stroke 30 By whom made R & W Hawthorn NB 1843
 Pressure of Steam 30lb.
 Registered Horse Power 90

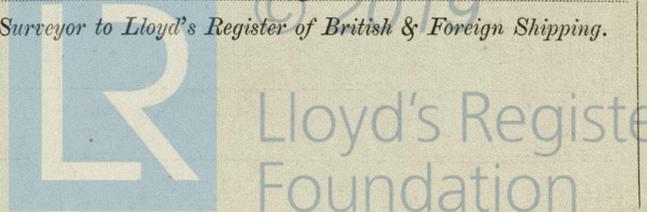
Particulars of Repairs and Examination Survey held in accordance with the Rules for S.S. No 3. Vessel placed on Pontoon and Propeller & sea connections examined, sea cocks &c ground in. Cylinders examined, pistons overhauled and springs reset. Slides and cylinder faces examined and found good. Crank shaft examined, found a flaw about 6 1/2 inches long round the fillet of after crank pin, this has been marked at the ends to see if it extends, and a wrought iron bolt 3 1/2 inches diameter has been fitted through the pin. Crank shaft bearings set lineable and shaft replaced. Air and circulating pumps overhauled. Feed & bilge pumps overhauled and new valves fitted to these pumps. Feed check valves (main) on boilers renewed. Stop & Safety valves ground in. Main boilers examined a few rivets renewed at the bottom of one, test holes drilled in combustion chambers, and the thickness found to be sufficient for the working pressure, a patch fitted in one chamber where the landing had been corroded by leakage. Superheater examined and test holes drilled to ascertain its thickness, three stays found corroded and the plate thin at back of superheater, two additional stays have been fitted at this part.
The machinery & boilers of this vessel are now in good order and safe working condition and in my opinion entitle the vessel to the notification B.M.S. 979 in the Register Book. But the crank shaft and superheater should in my opinion be reexamined in six months and the main boilers in twelve months from this date.

To entitle the vessel to the notification Lloyd's M.C. in the Register Book the blow off cocks will have to be removed from vessels bottom to turn of bilge

The Amount of Fee ... 1879 £ 3 : 3 : 0 received by me, J. J. Milton
 Certificate (if required) ... £ - : - : - 20th Sep 1879
 (Travelling Expenses, if any, £ _____) Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute _____ 18

[Form No. 9-1000, 25/5/79.] (The Surveyors are requested not to write on or below the space for Committee's Minute.) (Condition of Engines and Boilers, and subsequent Repairs and Examinations, to be clearly stated.)



IRON 487-0281