

# Report of Survey for Repairs of Engines and Boilers.

No. 2

No. in Reg. Book. Survey held at Newcastle Date, first Survey Nov 20<sup>th</sup> Last Survey Dec 16<sup>th</sup> 1876

363 on the S.S. "Lloyds" Master

Tons 564 Owners Dixon & Harris Port belonging to London Years assigned. 1 Character in Register Book. A

Diameter of Cylinders 25" x 50" Engines made at Newcastle on Tyne When made 1869  
Length of Stroke 33" By whom made Palmer's Corp. New Boilers 1876  
Pressure of Steam 6 1/2 lb Registered Horse Power 160

Particulars of Repairs and Examination This Vessel has been fitted with a new Cylindrical tubular Boiler, her engines have undergone a thorough overhaul, all working parts where worn made good, new low pressure piston fitted, Slide Valves, rods & starting gear refitted, Crank & Thrust Shaft lifted up and examined, new double action "Boiler Donkey" fitted, Coal Bunkers removed where discharge Valves are fitted, all discharge pipes raised above deep load line and Valves fitted to Ships side plates, with the exception of Air pump discharge. The Boiler Blow off cocks, Fireman's Water Cock & Donkey Suction cock altered in accordance with the Society's requirements.

This Vessel was in Dry Dock, Screw Propeller disconnected, Screw Shaft drawn in and examined and water bearings renewed, all connections to Engines & Boilers examined & renewed where necessary.

The Machinery of this Vessel is now in good order and safe Working condition and in my opinion eligible to have the notification Lloyd's M. C. in the Register Book and Machinery certificate from date of last Survey.

The Amount of Fee ... £ 8 : : : received by me,

Certificate (required) ... £ : : : 3 Jan 1877

(Travelling Expenses, if any, £ none)

Committee's Minute 5<sup>th</sup> January 1877

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