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# Report of Survey for Repairs of Engines and Boilers.

No. 38

No. in Reg. Book. Survey held at Hartlepool Date, first Survey Nov 7<sup>th</sup> 1876 Last Survey Jan 4 23<sup>rd</sup> 1877

1409 on the Steam Ship "Austin Friars" 1015 Tons

Owners E. Pembroke & Co. Port belonging to London Years assigned. 75 A1. Character in Register Book.

Diameter of Cylinder 27 to 50 (one of each) Engines made at Hartlepool When made 1877  
Length of Stroke 30 inches  
Pressure of Steam 65 lbs. By whom made Messrs J. Richardson & Sons.  
Nominal Horse Power 99.

Particulars of Repairs and Examination The Old engines and Boilers removed, The Engine & boiler seating partly renewed. New Compound engines, and new main boiler fitted, with mountings complete. New end forged on the propeller shaft, and a new propeller fitted. New lignum-vitae fitted in the stern tube. All the shafting in the tunnel examined. New blow off Cock, and new sea inlet valve for the circulating pump, fitted up on the round of the ship's bottom. Water ballast engine & pump repaired, and a new feed donkey fitted. The Donkey boiler overhauled and removed from the deck to the stokehole, it was in good condition.

I was present, on Jan 4 18<sup>th</sup> when the steam was raised, the safety valves tested, and the Engines worked. Steam 65 lbs, 28 in revolutions 78. All worked very satisfactory.

In my opinion, the engines & boilers of this vessel are in good order, and safe working condition.

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

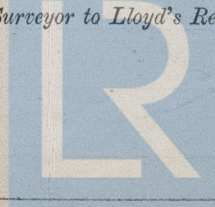
Certificate (if required) ... £ : : 187 }

Travelling Expenses, if any, £

William Allison.

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

Committee's Minute 18



Lloyd's Register  
Foundation