

Report of Survey for Repairs of Engines and Boilers.

No. 32

No. in Reg. Book. Survey held at Sunderland & Tyne Dock. Date, first Survey Augst 22nd Last Survey Oct^r 24th 1876.

155 on the Steam ship "Hartlepool." 415 Tons.

Owners E. J. Gourley Port belonging to Sunderland Classed Years assigned. Character in Register Book. A1

Diameter of Cylinder 34 1/2 off Length of Stroke 28 Engines made at Sunderland When made 1871.
Pressure of Steam 35 lbs By whom made G. Clark
Nominal Horse Power 70

Particulars of Repairs and Examination New Main Boiler and mountings fitted. New propeller and propeller shaft fitted. (The old propeller shaft being very badly flawed) Examined the stern tube, and all the sea cocks when the ship was on the slipway. Examined the Crank shaft, and fitted new eccentric pulleys on it (the old ones being very loose on the shaft). All the pumps overhauled, and their connecting rods adjusted. The pistons and slide valves were overhauled. The surface condenser examined. Examined the donkey boiler and its safety valves, and adjusted the weight on the safety valve to 40 lbs per sq. inch. On examination of the sea, and bilge connections, found that sea water might be unintentionally run into the ship, at the bilge injection, and the bilge suction of the donkey pump; non return valves were fitted in these bilge pipes.

I was present when the steam was raised, the spring safety valves adjusted, and the engines worked, Steam 30 lbs, vacuum 27ⁱⁿ revolve 66. All worked satisfactory. Sept^r 23rd 76.

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