

Report of Survey for Repairs of Engines and Boilers.

(rec 26.8.76)

To. _____
 No. in Reg. Book. _____ Survey held at London Date, first Survey July 10th Last Survey Aug 11th 1876
163 on the S. S. "Empire" Tons 984
1120
 Owners See Heap Port belonging to Hull Classified 85 A 1
 Years assigned. 6.75 Character in Register Book.

Diameter of Cylinder 35 and 66" Engines made at Hull When made 1871
 Length of Stroke 36
 Pressure of Steam 54 lbs per sq. inch By whom made Gilbert & Coopers
 Nominal Horse Power 170

Particulars of Repairs and Examination The Engines of this Vessel have undergone an ordinary overhaul and examination, The Crank Shaft forward half of which having been condemned on account of a serious flaw in second main bearing, was taken out and a new half fitted, after half carefully examined and Bearings adjusted,

The Boilers have undergone a thorough overhaul and Examination, new Tubes fitted, stays in bottom and Back plates of combustion chambers renewed where deteriorated, old patches on back plates and vertical tubes rejoined where leaking Stays where leaked & deteriorated, renewed, Vertical stays in domes tightened and drain holes made to keep lower part of domes clear of Mud & Water,

The machinery of this Vessel is now in good order and safe working condition and in my opinion eligible to have the notification Lloyds M.C. in the Register Book and Machinery Certificate from date of last Survey,

The Amount of Fee ... 25/9/76 £ 4 : 0 : 0 received by me, J. W. Mansel
 Certificate (if required) ... £ - : - : - 19th Dec 1877
 (Travelling Expenses, if any, £ _____)
 Committee's Minute 23rd March 1877
Lloyd's M.C. 8.76
J. W. Mansel
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.