

Report of Survey for Repairs of Engines and Boilers.

No. 300 on the Machinery of the S. S. "Cassian" (Number of Visits 9)

No. in Reg. Book. 300 Survey held at London Date, first Survey Apr. 15th Last Survey April 25th 1882

Tonnage, Gross 1869 Built at Newcastle When built 1876

Ditto, Net 1211 Owners Glover Bros. Port belonging to London

Diameter of Cylinder 32" x 62" Engines made by Black, Hawthorn & Co. When made 1876

Length of Stroke 36 Boilers made by Ditto When made 1876

Pressure of Steam 65 lbs. If Surveyed Afloat or in Dry Dock S. S. M.R. S. D.R. Years assigned 100A1

Registered Horse Power 180 (State name of Dock.) Classed 100A1

Last Survey No. 188 Port Lloyds M.C. 6.81.

Particulars of Repairs and Examination For Annual Survey & Completion of Special Survey No 1.

Vessel placed in dry dock sea connections examined & found to be in good condition. Stern Bush found to be worn down to the brass, recommended that the stern bush be relined with lignum vitae which has been done, the tail shaft examined & found to be slack in cone, a new tail shaft has been fitted to the old propeller. Crank shaft examined the flaw in No 3 journal which was in the direction of line of shaft found to have extended about $\frac{3}{8}$ " circumferentially. Two defective plates cut out of backs of combustion chambers, riveted patches with through stays & nuts. Donkey Boiler examined, a piece about 20" sq. has been cut out of side of furnace near fire door, & three new stays to top of Combustion Chamber renewed. Safety Valve examined, spindle found to be of iron & much corroded, a brass spindle has been fitted the boiler tested with hydraulic pressure to 90 lbs per sq. in. the working pressure being 45 lbs. per sq. in.

General Observations, Opinion, and Recommendation:— As far as seen of the machinery this vessel is eligible in my opinion to remain as classed, provided that the crank shaft is again examined within 12 months from this date.

Entry or Registering Fee... £ 4 : 0 : 0
(per Section 27.)

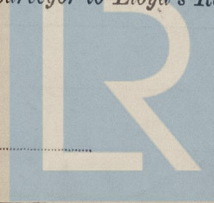
Survey Fee (per Section 28) ... £ 3 : 3 : 0 received by me, }
Certificate (if required) ... £ 0 : 0 : 0 188 }
to be sent as per margin.

(Travelling Expenses, if any, £ 0 : 0 : 0)

Committee's Minute 188

Assigned

Geo. E. Merriamson
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.
Lt. to Owners: 6/6/82



Lloyd's Register
Foundation

LON 563-0119

Report of Special for Repair of Engines and Boilers

It is submitted that this vessel is now eligible to remain as classed
Subject to the crank shaft being renewed in 12 months

209.

4/5/82

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