

Report of Survey for Repairs, &c., of Engines & Boilers.

No. 6600

(Received at London Office,

LONDON 23 JULY 1884

No. in Reg. Book. 945 Survey held at Glasgow Date, first Survey 11th March Last Survey 15th July 1884
 on the Machinery of the S.S. State of Pennsylvania (Number of Visits 4)
 Tonnage, Gross 2472 Built at Glasgow When built 1873-2
 Ditto, Net 1593 Owners The State Steam Ship Co. Ltd. Port belonging to Glasgow
 Diameter of Cylinder 46 + 82 Engines made by The London & Glasgow C. & L. When made 1873
 Length of Stroke 45" Boilers made by Do When made 1873
 Pressure of Steam 65 lbs. If Surveyed Afloat or in Dry Dock Both. Dry Dock Classed 100 A12-84.
 Registered Horse Power 400 (State name of Dock.) L.M.C. 4-83.
 Last Survey No. Port

Particulars of Repairs and Examination Annual Survey.

(State clearly the cause of Repairs if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage should be separated from Repairs due to other causes. State also the dates and initials of any letters respecting this case.)

Sea cocks, valves, propeller &c examined when vessel was in Dry dock.
 Engines & boilers opened out for survey
 & there were examined the cylinders, pistons, slide valves pumps, crank shaft &c. The Aft crank shaft was lifted & a new main bearing brass fitted in Aft journal.
 Main & donkey boilers examined over all parts. Two of the furnaces of main boilers were slightly damaged during last voyage - each a little bulged - in one furnace the defective piece was cut away & a patch plate fitted - in the other a girder stay has been fitted to support the plate - a few bolts fitted in circumferential seam at bottom of Port boiler owing to wasting of rivets through leakage - The dome plates of each boiler are somewhat wasted by corrosion, but are yet of sufficient thickness for the pressure - The old patches in furnaces were in good condition -
 In March last the condenser was repaired - new tube plate fitted - All the pumps were fitted with new brass bushes & the pump plungers turned in lathe.

General Observations, Opinion, and Recommendation :—

(State clearly what alteration, if any, is suggested to be made in the existing notification of the vessel's machinery in the Register Book, consequent upon this survey.)

These engines & boilers are now in good & safe working condition & in my opinion eligible to be classed L.M.C. 7-84 in the Register Book.

The safety valves of the main boilers are now loaded to only 65 lbs per sq in

Survey Fee (per Section 28) £ 2: 2: -
 Special Damage Fee (per Section 28) £ - : - : -
 *Certificate (if required) £ - : - : -
 Travelling Expenses (if chargeable) £ - : - : -

received by me
 24/7/1884

Walter E. Robson
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Assigned

TUESDAY 29 JULY 1884

Del 7, 84

Lloyd's Register
 Foundation

GLS149-0263

6600 gcs.

It is submitted that this vessel
is eligible to have the notification
Am B. 7-84 reworded the Boilers
being subject to recovery as
partable

DP

25/7/84



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