

Report of Survey for Repairs of Engines and Boilers.

No. *5346*

(Received at London Office, *14/4/81*)

No. in Reg. Book. *1079* Survey held at *Glasgow* Date, first Survey *4th April* Last Survey *5th April* 188*1*

on the Machinery of the *S.S. "State of Pennsylvania"* (Number of Visits *2*)

Tonnage, Gross *2472* Built at *Glasgow* When built *1873*
 Ditto, Net *1593* Owners *The State Steam Ship Co. (Lim^d)* Port belonging to *Glasgow*
 Diameter of Cylinders *46 & 82* Engines made by *London & Glasgow Co. (Lim^d)* When made *1873*
 Length of Stroke *45* Boilers made by *"* When made *1873*
 Pressure of Steam *70 lbs* If Surveyed Afloat or in Dry Dock *Afloat & in Dry Dock* Classed *100 A.1.*
 Registered Horse Power *400* Years assigned *5.79*
 Last Survey No. *E3697* Port *Leam* *LLOYD'S M.C. 6.78.*

Particulars of Repairs and Examination *S.S. No. 2.*

*Examined Cylinders, Pistons, & Slide Valves & found them in good Condition,
 examined Crank Shaft journals & found them in good Condition,
 examined Crank pins found After pin flawed at fillet in fore end of pin & found
 In^d pin flawed at fillet in after end of pin. examined Tunnel Shafts & inner & outer ends
 of screw Shafts & found them in good Condition. examined Air pumps, Circulating pump
 Feed & bilge pumps & pipe Connections & found them in good Condition
 examined Safety Valves on Main & Donkey Boilers Sea Cocks & Valves & found them in
 good Condition. examined Propeller, Stern bush, & Sea Connections on ships sides & found
 them in good Condition,
 examined Main & Donkey Boilers & found them in good Condition.*

General Observations, Opinion, and Recommendation:— *The Engines & Boilers are now in
 good order & safe working Condition. And are in my opinion eligible to remain in
 the Register Book as classed & Noted, LLOYD'S M.C. 4.81. but on account of the
 flaws in Crank pins would recommend the same to be examined by one of the Society's
 Engineer Surveyors within 6 months from this date,*

Entry or Registering Fee *£ 3* : :
 Survey Fee ... *£ 3* : :
 Certificate (if required) ... *£ 3* : : *13th April 1881*

Travelling Expenses, if any, £

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

Committee's Minute

Tuesday, April 19th 1881.

Assigned

Lloyd's Ref 4, 81

Lloyd's Register
 Foundation

GLS145-0364

5346 *eg*

It is submitted that this vessel is
eligible to have the notification
Lloyd No 4 81 recorded, subject
to the crankshaft being
again examined in 6
months on acc of its
condition and the
bolts in 12 months
on account of their
age, as required
by Rule

M.
18/4/81

