

~~24458~~ 24619. 38707
Report of Survey for Repairs of Engines and Boilers.

No. *377*
No. in Reg. Book. *598*
Survey held at *London*
Date, first Survey *March 1st* Last Survey *April 10th 1879*
Supply on the *S.S. Thunder (late Peninsula)* Master
Built at *London* When built *1853*
Tons *377* Owners *J. Watkins* Port belonging to *London* Classed *80 A1*
Last Survey Iron No. 22949 Years assigned *3* Character in Register Book. *YEAR.*
Diameter of Cylinder *2 Cyl. 30"* Engines made at *Greenwich* When made *1853*
Length of Stroke *18"*
Pressure of Steam *30 lbs* By whom made *John Penn & Sons*
Registered Horse Power *80*

Particulars of Repairs and Examination

The boilers have been examined, and the upper parts found to be in fair condition. Much corrosion has taken place in the sides of the furnaces and ash pits from the accumulation of moisture in the vicinity of the brick bridges. The plates have been cut out in those parts, and large patches put on. The gusset-stays in the bottoms of after end of boilers have been renewed. The boilers have been retubed throughout. The Safety valves have been taken out and examined, and ground in to their places. Recommended that, owing to the deterioration of the boilers, two weights, amounting 15-6 lbs. should be taken off each safety valve to reduce the pressure from 30 to 25 lbs per inch. The lever on the superheater valve has also been shortened 2 inches. The Crank shaft has been examined and found to be in good condition. The gudgeons in Tunnies and the Connecting rod braces are in good order.

The Repairs to Boiler have been satisfactorily completed and the loads on safety valves reduced as recommended. It is the machinery of this vessel is now in good order and safe working condition and in our opinion renders the vessel eligible to have a new machinery certificate granted. and the record Lloyd's M.C. 479 recorded in the Register Book. But we would recommend that the Boilers be again surveyed at the expiration of 12 months from this date.

Amount of Fee ... £ 2 : 2 : 0 received by me,
Certificate (if required) ... £ : : 14 May 1879

Travelling Expenses, if any, £

Committee's Minute

16th May, 1879

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

Lloyd's Register
Foundation

IRON 487-0514

This vessel returned to port with the Boiler
leaking. It has now been refitted and is
reported to be in good condition. The
machinery has also been examined and
found satisfactory. It is submitted
that the vessel is eligible to
have Lloyd's M.P. and a Machinery
Certificate for 12 months from

10: April 1879

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12-5-77



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