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Report of Survey for Repairs of Engines and Boilers.

(rec'd H. O. 76)

No. _____

No. in Reg. Book. Survey held at London

Date, first Survey July 20th Last Survey July 29 1876

49 on the Screw Steamer "Hawhorn" Master _____

Tons 2332 Owners Watts & Milburn Port belonging to London

Classed	Years assigned.	Character in Register Book.
	<u>100 A 1</u>	<u>8.75</u>

Diameter of Cylinder 52 x 96

Length of Stroke 56

Pressure of Steam 70 lb

Registered Horse Power 450

Engines made at Newcastle

When made 1844 YEAR.

By whom made R & W Hawthorn

Particulars of Repairs and Examination Cylinders opened out and examined found in first rate condition, flaw discovered in low pressure piston, and spare piston used instead. Slide & faces overhauled & adjusted, Luks &c adjusted. Condenser tubes all drawn, cleaned and repacked with new wooden gerrules. Forward feed pump repaired where it had been broken. Two new propeller blades fitted Boilers. Thoroughly scaled and cleaned, a few leaky tubes expanded, one furnace patched where it had been corroded owing to an internal copper feed pipe, this pipe has now been renewed. The whole of these machinery and boilers are now in good order and safe working condition

(Condition of Engines and Boilers, & subsequent Repairs and Examinations, to be clearly stated.)

(The Surveyors are requested not to write on or below the space for Committee's Minute.)

The Amount of Fee ... 10/6 £ 6 : 6 : 0 received by me,

Certificate (if required) ... £ _____ : July 1876

(Travelling Expenses, if any, £ _____)

Committee's Minute _____

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James Milton

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



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