

Report of Survey for Repairs of Engines and Boilers.

No.

(Received at London Office *Tuesday, 2nd May,* 82.

No. in Reg. Book. Survey held at *London*

Date, first Survey *Apr. 18th* Last Survey *April 20th 1882*

186 on the Machinery of the *"S.S. Hawthorne"*

(Number of Visits *2*)

Tonnage, Gross *752*

Built at *Newcastle*

When built *1861*

Ditto, Net *473*

Owners *J. Fenwick & Son*

Port belonging to *London*

Diameter of Cylinder *25" x 48"*

Engines made by *Compd. T. D. Eng. Co.*

When made *1873*

Length of Stroke *30"*

Boilers made by *Ditto*

When made *1873*

Pressure of Steam *75 lbs.*

If Surveyed Afloat or in Dry Dock *Pontoon*

Classed

Years assigned

Character in Register Book.

Registered Horse Power *95*

A1

Last Survey No.

Port

Particulars of Repairs and Examination

(State cause of Repairs.)

According to the requirements for

Special Survey No 1

Vessel placed on Pontoon, sea connections examined & found to be in good condition. Propeller & its connections found to be sound. Tail shaft down 4" in Stern Bush cylinders. Slides & Valve faces examined, in good condition. Crank Shaft & Thrust Bearing " " " " " "

Air, circulating. Fed & Bilge pumps & valves " " " " " "
with the exception of circulating pump rod, the brass sheathing found to be slack in one part, the old sheathing has been removed & another one cast on.

Boilers examined, some cracks observed in vertical seams of back plate of combustion chambers, other rivets have been substituted & rivets fitted in cracks. Furnaces in good condition. Shells of boilers in good condition. Twelve new screwed stays fitted in Port Boiler & 5 in Starboard. Superheater in good condition. 8 stays renewed. Safety valves examined found to be in good condition, loaded to 75 lbs per Sq. In.

General Observations, Opinion, and Recommendation:—

The machinery being now in good & safe working condition, renders the vessel eligible in my opinion to be marked in the Register Book with B & M.S. 4. 82, provided the Boilers are again examined within 12 mths. as per rule.

Entry or Registering Fee... £ *15.00*

Survey Fee (per Section 28) ... £ *3.00*

Certificate (if required) ... £ *1.00*

(Travelling Expenses, if any, £ *0.00*)

received by me,

9/5/1882

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

Committee's Minute

Tuesday, 9th May, 1882

Assigned

B & M.S. 4. 82

Geo. C. Wilson
Lloyd's Register Foundation

LQW665-0136

It is submitted that this vessel is
eligible to have the notification
of B.M.S. 4.82 Subject to the
boilers being resurveyed
in 12 months on account
of their age

W. J.

1/5/82



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Foundation