

Report of Survey for Repairs of Engines and Boilers.

23010

No. 65

No. in Reg. Book. Survey held at

Cardiff

Date, first Survey

3rd March

Last Survey

19th March

1879

on the

Iron screw steamer "Royal Crown"

Master

Rogers

Built at

Newcastle

When built

1874

Tons

1177
1844

Owners

Hall B^{no}

Port belonging to

London

Classed

Years assigned.

Character in Register Book.

90 A1
10.77

Diameter of Cylinder

30" x 60"

Length of Stroke

33"

Engines made at

Newcastle

When made

1874

Pressure of Steam

75 lb per sq. in.

By whom made

Palmer & Co.

Registered Horse Power

140

Particulars of Repairs and Examination

In Special Survey No. I.

Cylinders lifted out of the ship. Low pressure Cylinder face found damaged and had to be planed true. New Low pressure slide valve supplied. New packing for Low pressure piston and packing ring made true. High pressure piston overhauled. The after tube plate (iron) of Condenser was found cracked and the forward one much corroded, both tube plates replaced by new ones (metal). All condenser tubes drawn, cleaned and refitted. Crankshaft turned for examination. a crack discovered in the after bearing. This has been marked at the ends to see if it extends. Screw shaft drawn and examined; also stern bush and liners and found in good condition. All sea cocks and valves overhauled in drydock and ground in. Box spacers fitted to blow off cocks of boiler. Air pump and circulating pump examined. Bilge Injection examined and found non return.

Both Boilers, donkey boiler and Superheater cleaned and examined. both Main boilers retaked. Shell of boilers, caulked at the bottom seams.

Safety valves examined. All working parts of Engines overhauled and adjusted.

In my opinion can remain as classed.

The Amount of Fee ...

£ 4 : 4 : -

received by me,

Certificate (if required) ...

£ : : -

21/5 1879

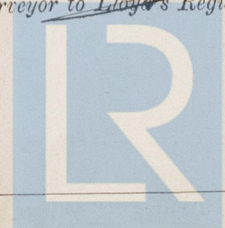
(Travelling Expenses, if any, £)

Committee's Minute

18

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

H. Keydell



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IRON 483-0298

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

[Form No. 9-1000, 22/6/78.]
(The Surveyors are requested not to write on or below the space for Committee's Minute.)

Am 24/3/79

H. Hoag & Co.