

Report of Survey for Repairs of Engines and Boilers.

No. 80

No. in Reg. Book. Survey held at Sunderland

Date, first Survey 6th March Last Survey 29th April 1878

437 on the Steam Ship

"Druid"

Tons 473
652

Owners R. M. Hudson & Co. Port belonging to Sunderland

Classed B 1

Diameter of Cylinder 18" x 36" 2 of each

Length of Stroke 30"

Engines made at Sunderland

When made 1874

Pressure of Steam 60 lbs

Nominal Horse Power 90

By whom made W. Pile & Co.

Particulars of Repairs and Examination. This vessel ^{was} put in the graving dock, all the sea cocks and valves examined and found in good condition, except the one for the ashes and water service, the bolts and joint of which were renewed. Found the lignum vitae in the stem bush worn away 1/2 inch, and the brass liner on the propeller shaft loose; the shaft was taken out and a new liner fitted on it, and new lignum vitae put in the stem bush.

Examined the following enumerated parts and found them in good condition, (viz. The Crank shaft. The high pressure and low pressure cylinders and pistons of the after engine. The Donkey Boiler and its safety valve, which was loaded to 40 lbs working pressure. The safety valves of the Main boiler which are of the lever and weight construction and loaded to 60 lbs working pressure.) The Main boiler was in very good condition except a few leaky rivets on the bottom, which were renewed; there were some extra stays put in the back end where improperly stayed. Non return valves were fitted to the bilge suction of the engine room, fore hold, after well, and the bilge injection, to prevent sea water being run into the vessel by mistake.

In my opinion the Engines and Boilers of this vessel are in a safe working condition, and eligible for the Continuation of the figure 1.

The Amount of Fee ... £ 4: 10: received by me, HW

Certificate (if required) ... £ 28th May 1878

(Travelling Expenses, if any, £)

William Allison.

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

Committee's Minute

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

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

It is submitted that this
asset is eligible to
remain as classed

Am 3/1/76



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