

* 22499

Report of Survey for Repairs of Engines and Boilers.

No. 4110 *Report on Engines No 1444*

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

Date, first Survey *23rd Nov* Last Survey *31st Dec* 1878

117 on the *S. S. "Hannley Hall"*

Master

Built at *Hartlepool*

When built *1870*

Tons *611*
954
453

Owners *P. H. H. Co*

Port belonging to *Hartlepool*

Classed *90 A1*
Lloyd's MC 10-78
YEAR.

Diameter of Cylinder *24 x 50*

Length of Stroke *33*

Engines made at *Hartlepool*

When made *1871*

Pressure of Steam *44*

Registered Horse Power *98*

By whom made *J. Richardson & Sons*

Particulars of Repairs and Examination

The following repairs have been necessitated through vessel having been in collision and suddenly sinking when under steam. Cylinders, slide valves, pumps and all the working parts of engines opened out examined and put together again. Screw shaft adjusted and crank shaft lined up to suit. New packing ring fitted in high pressure piston rod. New and welded on high pressure piston rod. Gland for same rebushed and neck brass renewed. All sea cocks overhauled. Lagging removed of main boiler and boiler tested by water to twice the working pressure. Some caulking done to seams of shell, furnace, and combustion chamber flating, and the nuts on ends of longitudinal stays in steam space repaired. Steam raised on main boiler and spring safety valves adjusted to blow off at 44 lbs pressure per sq. inch. Two new pressure gauges and one new vacuum gauge supplied.

The machinery and boilers of this vessel are in good order and safe working condition and on every opinion eligible to remain as certified in the Register Book.

Damage Survey Fee *3.3.0*

The Amount of Fee ... £ *2.2.0* received by me,

Certificate (if required) ... £ *0/0/0* 8/Jan 1879

(Travelling Expenses, if any, £)

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

Committee's Minute



This needs mending was damaged
through Collision in Thames, it has
been repaired under the inspection
of the Local Engineer. Submitted
that she is eligible to
remain as cleared

MM

10-1-79



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