

Report of Survey for Repairs of Engines and Boilers.

No. 52.

No. in Reg. Book. Survey held at Aberdeen

Date, first Survey 18th Sept Last Survey 23rd Oct 1879

74 on the ISS "James Hall"

Master A. Linklater

Built at Aberdeen

When built April 1870

Tons 22
349
317

Owners Aberdeen & Hull Steam Coy

Port belonging to Aberdeen

Classed - Years assigned - Character in Register Book. 90A.1
10.76

Diameter of Cylinder 23 $\frac{1}{2}$ " x 42"

Length of Stroke 30"

Engines made at Aberdeen

When made 1870

Pressure of Steam 65 lbs

Registered Horse Power 65

By whom made Messrs Hall Russell & Coy

Particulars of Repairs and Examination of Machinery in accordance with the requirements of the Rules for Special Survey No. 2 for iron ships

New boilers have been fitted on board of this vessel at this time. agreeable to the Rules and Tracing submitted for the committees approval the 18th April 1879 details of which are entered into Machinery report and attached to this report

Engines, the engines have received a general overhaul at this time. and have examined. Cylinders Valves. condenser. and pumps. also sea cocks. Valves. and bilge piping. the pistons have been taken out and redone up and also pump buckets. neck brasses renewed. and journal brasses restriped. and cocks for bilge piping arrangement fitted above stoke hold plates at this time. the boiler blow off cocks on skin of vessel are still below the stoke hold plates and as marked on tracing showing their position. and as explained in my letter to the Secretary of date 24th October. this alteration could not conveniently be carried out owing to the bunker arrangement being carried so far aft on each side of engines

2nd Crank and tunnel shafting. there is a small flaw or need about 2 $\frac{1}{2}$ inches long on crown of after crank pin. this has been noticed for the last four years. and has not shown any signs of extending. and as the flaw runs parallel with the pin I am of opinion that the shaft is in safe working condition. otherwise the shafting appears in good order.

Exd outside of vessel on ship. propeller. stern bush. and shaft all good. Had bolts in flange of boiler blow off cock renewed and fitted with

The Amount of Fee ... £ 1 : 1 : 0 received by me, J. H. Hall
Certificate (if required) ... £ : : May 5 1879
(Travelling Expenses, if any, £ 2-14-9) James A. Dundee

Committee's Minute

18

John Sturrock (over)
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.



Lloyd's Register
Foundation

24960, Jan.

proper counterweights. Leads at this time other openings
all in good order

There has been a new donkey boiler fitted on board
at this time

It is respectfully submitted that so far as the
engines and boilers of this vessel are concerned
that they now be eligible to be entered in the
Register Book engines srp. and new boilers 10, 79

J. S. S.

This vessel has been fitted with a new
Boiler her engine has been examined and
repaired and are now reported to be in
good working condition. It is submitted
that she is eligible to have the notepad
Lloyd's M.C. in the Register Book.
and a machinery certificate Jan
23 Oct 1879 also the note

N.B. 10/79

MD

10.11.79



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