

# Report of Survey for Repairs of Engines and Boilers.

(Resd 24.9.78)

No. 21604  
 No. in Reg. Book. 283 Survey held at London Date, first Survey 6<sup>th</sup> Sept Last Survey 14 Sept 1878  
 on the S.S. Agnes Louise Master Build, Hartlepool 1871  
 Built at 436 Tons 593 Owners S. Clark & Co Port belonging to London When built 1871  
 Classified 90A1 Years assigned 90A1 Character in Register Book. Lloyds M.C. 8.76

Diameter of Cylinder 25 1/4 Length of Stroke 30 Engines made at Newcastle When made 1871  
 Pressure of Steam 65 lb By whom made Black Hawthorn & Co  
 Registered Horse Power 90

Particulars of Repairs and Examination All sea cocks &c ground in, propeller taken off shaft drawn, after lines found loose. Spare shaft fitted and new lignum vitae fitted to aft bush, propeller replaced. Condenser tubes drawn and cleaned, tubes refitted with new wood fernules, a few new tubes fitted where required. Circulating pump overhauled.

Main Boiler examined Bottom & bottom portion of back of combustion chamber found in very bad condition, the cut out & renewed with 1/2 plating, a patch fitted at back saddle plate. Several screw stays renewed at top part of combustion chamber. The machinery is now in good order and safe working condition and renders the vessel in my opinion eligible to have the notification Lloyd's M.C. 9.78 recorded and a new certificate granted.

The Amount of Fee ... £ 3 : 3 : 0 received by me, James J. Mullen  
 Certificate (if required) ... £ — : — : — 1878  
 (Travelling Expenses, if any, £ —)

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

Committee's Minute

8th October, 1878.

Lloyd's M.C. 9-78

T.B.W.



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