

\*24153 "Pauline David"  
Report of Survey for Repairs of Engines and Boilers.

No. 422

No. in Reg. Book. Survey held at Sunderland

Date, first Survey July 25<sup>th</sup> Last Survey Augt. 11<sup>th</sup> 1879

188 on the Screw Steamer "Pauline David" 1073 Tons

Owners David, Verbiest & Co Port belonging to Antwerp

Classed Years assigned. Character in Register Book. **AB I.** LLOYD'S M.C.

Diameter of Cylinder 5 1/2 2 ff

Length of Stroke 36

Engines made at Newcastle

When made 1863

Pressure of Steam 25 lbs

Nominal Horse Power 200

By whom made Marshall Bros

Particulars of Repairs and Examination This vessel was put into Messrs Austin & Hunter's graving dock here. New propeller, and new propeller shaft fitted, all the sea cocks, and valves examined and found in good condition. New Crank shaft fitted, New Donkey Boiler fitted, safety valve of it adjusted to 4 lbs per sq inch working pressure. Both Cylinders, valves, and pistons examined, and the joint between the Cylinders covered with brass strips, all the pumps overhauled. The main boiler examined and repaired by fitting about 300 new tubes, covering the bottoms with 1/4" plating, where decayed, and fitting several extra stays in the Combustion Chambers, and bottoms. Several extra stays fitted in the Superheater, safety valves of the main boilers examined and adjusted to 25 lbs working pressure.

I was present on Augt. 11<sup>th</sup> when steam was raised, the safety valves tried, they both commenced to blow off at 25 lbs pressure. The Engines were worked slowly in the docks here, and found all satisfactory.

In my opinion the engines and Boilers of this vessel are in good order and safe working condition, and eligible for the continuation of the present character in the register book, for the next 18 Months only, on account of the main boilers having commenced to corrode on the bottoms.

The Amount of Fee £ 4 : 4 : received by me, Certificate (if required) £ : : 13<sup>th</sup> Augt 1879

Travelling Expenses, if any, £ Committee's Minute

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



This vessel's machinery has been repaired  
and examined by the Society's Surgeon at  
Sunderland - who reports it to be in  
good order and safe working condition  
but owing to the Boiler having  
commenced to corrode on the  
bottoms recommends them to  
be examined again in  
18 months time.

Submitted that she  
is eligible to remain  
as classed - subject  
to the Boiler  
being again  
inspected in

18 months

11 Sept

1877

9M

15.7.78

Mr Scott to



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