

Report of Survey for Repairs of Engines and Boilers.

No. 34 on the Machinery of the S.S. "Vanessa" (Number of Visits 4)

No. in Reg. Book. 13.5.81 Date, first Survey Apr. 11th Last Survey April 29th 1881

Survey held at London

Tonnage, Gross 1182 Built at Newcastle When built 1872

Ditto, Net 876 Owners J. Funnell & Sons Port belonging to London

Diameter of Cylinder 30" + 55" Engines made by Palmers Co. When made 1872

Length of Stroke 33" Boilers made by Ditto When made 1872

Pressure of Steam 75 lbs. If Surveyed Afloat or in Dry Dock Afloat + In Dock (State name of Dock.)

Registered Horse Power 190 Years assigned 100A1 Character in Register Book.

Last Survey No. Port

Particulars of Repairs and Examination According to the requirements for Special Survey No. 2

High and Low Pressure cylinders, Slide valves and faces examined and found in good condition.

Crank shaft examined & found in good condition.

Air and circulating pumps in good condition.

Thrust bearing found to be in good condition.

Boilers examined. Lower parts of backs of combustion in both furnaces to renew have been renewed and new stays fitted, and all screwed stays below 1" diam. renewed.

Some cracks found in expansion joints of furnaces recommended that the defective parts be cut out & patches fitted which has been done.

Port Boiler, the lower part of back of combustion chamber in wing Furnace has been renewed & new stays fitted, and all stays below 1" dia. renewed.

A patch found in front plate of shell, recommended this patch to be removed, on examination the plate was found to be much corroded, a larger & more substantial plate has been fitted. Several rivets in circumferential seams found defective, these have been renewed & the seams caulked.

The defective parts of expansion joints in furnaces

General Observations, Opinion, and Recommendation:— The Engines & Boilers being now in good & safe working condition renders the vessel eligible in my opinion to be marked in the Register Book with B & M. S. 4, 81 provided that the Boilers are again examined within 12 months on account of their age & condition.

Entry or Registering Fee... £ 1 : 10 :

Survey Fee (per Section 28)... £ 3 : 3 : received by me, J. Funnell

Certificate (if required) ... £ : : 17 May 1881

(Travelling Expenses, if any, £ :)

Committee's Minute Tuesday, May, 17th 1881.

Assigned B & M. S. 4, 81

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



40392. Pm

have been cut out & patches fitted. Some defective rivets in bottoms of shell renewed & seams caulked. Superheater examined, found to be in moderately good condition. Two stays which were in proximity to an internal copper steam pipe found much corroded, these stays have been renewed & the pipes removed. Safety valves examined, found to be in good condition & properly loaded to the working pressure of 75 lbs per sq. in.

As per note that this vessel is eligible to have the registration B.M.S. 4-81 recorded subject to the Boiler Reg. managed in 12 months on account of their condition
Jm
17/9/81



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