

Report of Survey for Repairs of Engines and Boilers.

(Received at London Office, 9.6.81)

No. 61 Survey held at London Date, first Survey May 18th Last Survey June 1st 1881

Reg. Book. 61 on the Machinery of the S.S. "Palmyra" (Number of Visits 5)

Tonnage, Gross <u>960</u>	Built at <u>Newcastle</u>	When built <u>1866</u>
Ditto, Net <u>707</u>	Owners <u>London Ship. Co.</u>	Port belonging to <u>London</u>
Diameter of Cylinder <u>25" x 48"</u>	Engines made by <u>R & W. Hawthorn</u>	When made <u>1872</u>
Length of Stroke <u>30"</u>	Boilers made by <u></u>	When made <u>1872</u>
Pressure of Steam <u>75 lbs.</u>	If Surveyed Afloat or in Dry Dock <u>Afloat & London</u>	Classed <u>90A1</u>
Registered Horse Power <u>140</u>	(State name of Dock.)	Years assigned. <u>30</u>
Last Survey No. <u></u>	Port <u></u>	<u>B & M. S. 3. 80.</u>

Particulars of Repairs and Examination Of Boilers & Superheater on account
(State cause of Repairs.) of Short Certificate.

Furnaces examined and found in good condition. The two furnaces in Port Boiler found to have plates fitted $\frac{1}{4}$ th. of diameter, bringing a row of rivets in the crown, these appear free from cracks or leakage. Combustion chambers examined, a riveted patch found in back plate of each in Starboard Boiler which appeared tight. Stoles drilled in various parts, found to be from $\frac{3}{8}$ " to $\frac{7}{16}$ " thick. Twelve short stays renewed and one stay in Steam Space of Starbd. Boiler. Shells of Boilers looking well.

Superheater examined found in fairly good condition, stays in good condition. Stoles drilled & found to be $\frac{3}{8}$ " thick.

Safety Valves examined found to be in good condition and properly weighted to the working pressure of 75 lbs per sq. in.

Vessel placed on Pontoon sea connections examined and found to be in good condition. A new tail shaft and brass bush without lignum vitae ships has been fitted and former propeller refitted. Boilers run under steam to the working pressure, and safety valves tested to working pressure of 75 lbs per sq. in.

General Observations, Opinion, and Recommendation:— The Boilers being now in good & safe working condition renders the vessel eligible in my opinion to remain as classed and have the certification B.S. 6. 81 recorded, provided that the Boilers are again examined in 12 months from this date as per rule.

Entry or Registering Fee... £ : : :

Survey Fee (per Section 28) ... £ 2 : 2 : received by me, C.H.R.

Certificate (if required) ... £ : : 13/6/1881

(Travelling Expenses, if any, £)

Committee's Minute

Assigned B.S. 6. 81

Friday, June, 11th 1881.

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



Lloyd's Register
Foundation
LON 665-0666

Hull of the Ship, and subsequent Repairs and Examinations, to be clearly stated.

The Surveyors are requested not to write on or below the space for Committee's Minute.

(Insert Character precisely as in the Register Book.)

This submitted that this vessel is
eligible to have the notification
BS 6.81 recorded, subject
to the Boiler & Superheater
being renewed in 12
months as per Rule.

M
9/6/81



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