

# Report of Survey for Repairs, &c., of Engines & Boilers.

45816

No. (Received at London Office, FRIDAY 29 JAN 1886)

No. in Reg. Book. Survey held at London Date, first Survey Jan 11 Last Survey Jan 18 1886

167 on the Machinery of the S. S. "Samuel Lang" (Number of Visits 3)

Tonnage, Gross 625 Built at Newcastle When built 1854

Ditto, Net 394 Owners J. Fenwick & Son Port belonging to London

Diameter of Cylinder 21 1/2 Engines made by J. Stewart When made 1875

Length of Stroke 30 Boilers made by  When made 1875

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

Registered Horse Power 70 Classed 80 A 1

Last Survey No. 13687 Port Gld S.S. No 3-85 5.85

B. & M. S. 4.85

## Particulars of Repairs and Examination In Annual Survey

(State clearly the cause of Repairs if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage should be separated from Repairs due to other causes. State also the dates and initials of any letters respecting this case.)

Examined two main boilers, furnaces found to be in good condition, one riveted patch in saddle plate renewed, backs of combustion chambers much buckled some extra stays have been fitted between, at some previous time, a number of rivets in top part of front circumferential seam under superheater found to be much wasted, these have been renewed, & a baffle plate fitted in uptake & at base of Superheater.

Superheater lifted out for repairs, when the lower expansion ring lower plate of inner tube were found to be much corroded, a new plate has been fitted & one half of the plate above has been doubled. Superheater tested with hydraulic pressure to 125 lbs & found to be tight. Safety Valves in good condition & loaded with a lever weight to 75 lbs &

## General Observations, Opinion, and Recommendation:—

(State clearly what alteration, if any, is suggested to be made in the existing notification of the vessel's machinery in the Register Book, consequent upon this survey.)

good & safe working renders the vessel eligible in my opinion to remain as classed & have the notification B.S. 1. 85 recorded provided that the boiler is again examined within 12 mths. as per rule.

Office or Registration Fee (per Sec. 27) £ : :  
 Survey Fee (per Section 28) £ : :  
 Special Damage Fee (per Section 28) £ : :  
 Certificate (if required) £ : :  
 Travelling Expenses (if chargeable) £ : :

*It is submitted that this vessel is eligible to have B.S. 1. 85 recorded, the boilers being subject to the survey as per Rule M 28/1/86*

received by me  
 3-1-1886

Geo. E. Milner  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

TUESDAY 2 FEB 1886

Assigned

B. S. 1. 86

Lloyd's Register  
 Foundation

LON 676-0438