

7576

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

No. 4546

(Received at London Office,

MONDAY 23 AUGUST 1886)

No. in Reg. Book. *438* Survey held at *Glasgow* Date, first Survey *July 17<sup>th</sup>* Last Survey *July 26* 1886  
 on the Machinery of the *S.S. City of Calcutta* (Number of Visits *10*)  
 Tonnage, Gross *3836* Built at *Glasgow (L. Bonnell & Co)* When built *1881* 9  
 Ditto, Net *2505* Owners *G. Smith and Sons* Port belonging to *Glasgow*  
 Diameter of Cylinder *50 2/96* Engines made by *J. & J. Thomson (Glasgow)* When made *1881*  
 Length of Stroke *60* Boilers made by *"* When made *1881*  
 Pressure of Steam *80 lb* If Surveyed Afloat or in Dry Dock *Govan dry dock* (State name of Dock.)  
 Registered Horse Power *600* Classed *100A/ 3-86*  
 Last Survey No. Port *L M 67-85*

## Particulars of Repairs and Examination *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.)

The vessel placed in dry dock. Propeller stem bush and sea cock fastenings examined 2 new propeller blades fitted  
 Engines opened up and the cylinders pistons slide valves and all working parts examined and found in good order A new crank shaft fitted for S. P. engine

Main Boilers thoroughly examined. Two patches fitted on the sides of Centre furnace of Star<sup>d</sup> boiler where the plates were lammated. The sides of this furnace also badly pitted in line of fire bars. The Centre furnaces of the other two Main Boilers pitted in a similar manner but to a less extent. The bottom of inside shell of port boiler corroded to a depth of about 1/4" Safety Valves examined and found in good order

## 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.)

The Engines and Boilers of this Vessel are now in good working order and eligible in our opinion to be noted in the Register Book. *L M 67-86.*

Office or Registration Fee (per Sec. 27) £ : :  
 Survey Fee (per Section 28) £ 2 : 2  
 Special Damage Fee (per Section 28) £ : :  
 \*Certificate (if required) £ : :  
 Travelling Expenses (if chargeable) £ : :

received by me  
20/8/ 1886

*James Morrison & G. L. Hindmarsh*  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*Clyde District*

Committee's Minute

TUESDAY 24 AUGUST 1886

Assigned

*+ M 7, 16*

Lloyd's Register  
Foundation

GLS152-0212

Insert Character of Ship and Machinery precisely as in the Register Book.

Report of Survey for Repairs & C. of Engines & Boilers

*[Faint, mostly illegible text from the reverse side of the page, including words like 'Particulars of Repairs and Examination', 'Last Survey for', and 'No. of Exam...']*

4576 gl

It is submitted that this vessel is  
 eligible to have the certification  
 sub. 7.86 recorded.

189  
 23/4/86



THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.