

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

(Received at London Office)

SAT 23 AUG 1893

Date of writing Report *August 21<sup>st</sup> 1893* When handed in at Local Office *18* Port of *Glasgow*

No. in Reg. Book *620* Survey held at *Glasgow* Date, First Survey *27<sup>th</sup> July* Last Survey *August 14<sup>th</sup> 1893*

*on the Machinery of the Wood, Iron or Steel* *SS City of Cambridge* Master *J. Black*

Tonnage { Gross *3788* Net *2473* Vessel built at *Belfast* By whom *Wentman & Co* When *1882* YEAR. MONTH. *8*

Registered Horse Power *650* Engines made at *Glasgow* When *1882* Boilers, when made (Main) *1882* (Donkey) *1882*

No. of Main Boilers *Three* Owners *S. Smith & Sons* Port *Glasgow* Voyage *Calcutta*

Steam Pressure in Main Boilers *10 lbs* Surveyed Afloat *8* in Dry Dock *Govan* (State name of Dock.)

in Donkey Boiler *50 lbs*

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<i>+ 100A1 8.92</i> <i>SS City No 2.90</i>		<i>+ LMC. 8.92</i>

Last Survey No. *Port*

Particulars of Examination and Repairs (if any) *Annual*

Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules. 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 (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *Yes*

Do. " Donkey " " " *Yes*

If this was not done, state for what reasons? *✓*

And what parts of the Boilers could not be thus thoroughly examined? *✓*

Also what special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? *✓*

Did the Surveyor examine the Safety Valves of the Main Boiler? *Yes*

At what pressure were they afterwards adjusted under steam? *80 lbs*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *Yes*

To what pressure were they afterwards adjusted? *50 lbs*

If the Survey is not complete state what arrangements have been made for its completion? *Complete.*

*When this vessel was in the above dock the engines & boilers were opened up for survey. Examined cylinders, pistons, slide valves, pumps & shafting. All sea cocks were overhauled & propeller & fittings examined & found in good order. Main boilers examined over all parts & found in good order. Donkey boiler examined found furnace putrid at bottom. The plate at this part was bored & found to be of ample thickness. Two of the steam space stays have been taken out and replaced by new ones. Steam was raised on the main and donkey boilers and the safety valves floated at the above working pressures.*

General Observations, Opinion, and Recommendation:— *The machinery of this vessel is in safe working condition and in my opinion ought to have notification + L.M.C 8.93 in Register Book*

Office or Registration Fee (per Sec. 27) £ : : Fees applied for *24/8 1893*

Survey Fee (per Section 28) £ *2 10* "

Special Damage Fee (per Section 28) £ : : Received by me, *25/8 1893*

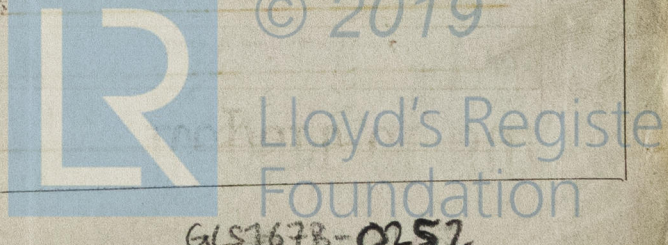
Travelling Expenses (if chargeable) £ : :

*R. McKeand*  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

\* State if Certificate is required

Committee's Minute *TUES. 29 AUG 1893*

Assigned *+ LMC 8.93*





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Lloyd's Register  
Foundation