

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

(Received at London Office SAT 23 AUG 1893)

Date of writing Report August 21st 1893 When handed in at Local Office 18 Port of Glasgow

No. in Reg. Book. Survey held at Glasgow Date, First Survey 27th July Last Survey August 14th 1893 (No. of Visits 1)

620 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 W. & A. Mitchell & Co When 1882

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

No. of Main Boilers 2 Owners S. Smith & Sons Port Glasgow Voyage Calcutta

Steam Pressure in Main Boilers 10 lbs Surveyed Afloat & in Dry Dock Govan

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 as required.	Machinery and Boiler Surveys (including date of N.B., if any).
+ 100A1 8.92 SS Glasgow 8.90		+ L.M.C. 8.92

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 pitted at bottom. The plate at this part was found & 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.

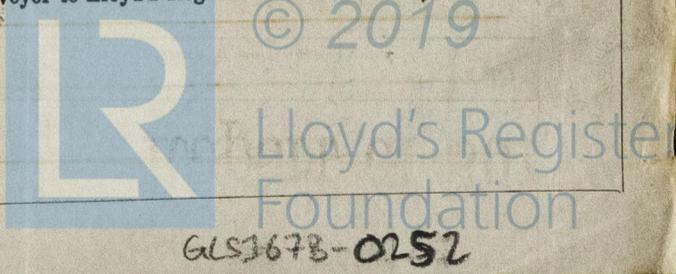
General Observations, Opinion, and Recommendation:— The machinery of this vessel is in safe working condition and in my opinion ought to have notification + L.M.C. 8.93 in Register Book

Office or Registration Fee (per Sec. 27) £ : :
 Survey Fee (per Section 28) £ 2 : 10 :
 Special Damage Fee (per Section 28) £ : :
 Travelling Expenses (if chargeable) £ : :

Fees applied for 24/8 1893
 Received by me, 25/8 1893

R. W. Heard
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

* State if Certificate is required
 Committee's Minute TUES. 29 AUG 1893
 Assigned + L.M.C. 8.93



THE SURVEYOR IS REQUESTED TO WRITE OR PRINT IN THE SPACE FOR COMMITTEE'S MINUTE.
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Insert Character of Ship and Machinery precisely as in the Register Book.

