

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

THURS. 23 JUL 1894

Date of writing Report July 21<sup>st</sup> 1894 When handed in at Local Office 18 Port of Glasgow  
 No. in Reg. Book 378 Survey held at Glasgow Date First Survey 9<sup>th</sup> July Last Survey 13<sup>th</sup> July 1894  
 on the Machinery of the Wood, Iron or Steel S.S. Titanic Master R. Collins  
 Tonnage Gross 1600 Net 1016 Vessel built at Belfast By whom Th. Swaine Lewis & Co When 1888 Year 5  
 Registered Horse Power 260 Engines made at Belfast When 1888 Boilers, when made (Main) 1888 (Donkey) 1888  
 No. of Main Boilers Two Owners William J. R. & Co. Port Belfast Voyage West India  
 No. of Donkey Boilers One  
 Steam Pressure in Main Boilers 160 lbs Surveyed Afloat & in Dry Dock Govan Dry Dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. \_\_\_\_\_ Port \_\_\_\_\_  
 Particulars of Examination and Repairs (if any) Annual  
 Periodical Surveys, when held, must be reported in detail and seriatim 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.

CHARACTER for Special Survey, Date of last Survey and of Periodical Surveys.	Years Assigned, renewed, or expired.	Machinery and Boiler Surveys (including date of N.D., if any).
<u>100A 112 93</u>		<u>LMC 6, 92</u>
<u>S.S. Bro 69-92</u>		

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 & found them in good condition  
 At what pressure were they afterwards adjusted under steam? not adjusted  
 Did the Surveyor examine the Safety Valves of Donkey Boiler? yes & found them in good condition  
 To what pressure were they afterwards adjusted? not adjusted  
 If the Survey is not complete state what arrangements have been made for its completion?

The Main & Donkey Boilers examined throughout & found in good condition, a slight buckling was noticed in the lower portion of the back combustion chamber plates between the stays, in the Main Boilers. When the vessel was in dry dock the sea cocks & connections were examined externally the propeller & fastenings were examined & all found in good order. To complete the survey it is necessary to adjust the safety valves to the working pressure. It has been arranged to do this on the vessel's return.

General Observations, Opinion, and Recommendation:— This vessel's machinery is as far as seen in good & efficient condition & in my opinion eligible to remain as classed the notification B.S. 794 being withheld until completion of survey as noted above.

Office or Registration Fee (per Sec. 27) £ : :  
 Survey Fee (per Section 28) £ 2 : :  
 Special Damage Fee (per Section 28) £ : :  
 Travelling Expenses (if chargeable) £ : :  
 Fees applied for 24/7 1894  
 Received by me, 25/7 1894  
Frank A. Sturgeon  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

\*State if Certificate is required \_\_\_\_\_  
 Committee's Minute FRIDAY 27 JUL 1894  
 Assigned Deferred  
 TUES. 4 DEC 1894  
 FRIDAY 7 DEC 1894  
 TUES. 3 SEP 1895  
 Lloyd's Register Foundation  
 GLS170-0189