

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

(Received at London Office TUES. MAY 19 1896)

Date of writing Report 18th May 96 When handed in at Local Office 18 Port of London  
No. in Reg. Book 1199 Survey held at Northfleet Date, First Survey 11 May Last Survey 16th May 1896  
on the Machinery of the Wood, Iron or Steel J. S. Crown of Arragon Master J. G. Harwood  
Tonnage { Gross 2286 Net 1486 Vessel built at Greenock By whom Scott & Co When 1883 Boilers, when made (Main) 1883 (Donkey) 1883  
Registered Horse Power 148 Engines made at Do Owners Caw, Rentie & Clapperton Port Glasgow Voyage Siberia  
No. of Main Boilers two If Surveyed Afloat or in Dry Dock River Thames  
No. of Donkey Boilers one (State name of Dock.)  
Steam Pressure in Main Boilers 90  
in Donkey Boilers 60

Last Survey No. 48449 Port Liv  
Particulars of Examination and Repairs (if any) Compl. B. S.  
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.

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A.1.</u> <u>2.96</u> <u>S. S. Liv. 7-3-5.92.</u>		<u>B. S. 5.95</u> <u>LT. M. C. 4.94</u>

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? No  
Do. " Donkey " " " Yes.  
If this was not done, state for what reasons? Mn. Bro. excd. in Lpl.  
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? No  
Did the Surveyor examine the Safety Valves of the Main Boiler? Adjusted to 89 lb.  
At what pressure were they afterwards adjusted under steam? No  
Did the Surveyor examine the Safety Valves of Donkey Boiler? Adjusted to 60 lb.  
To what pressure were they afterwards adjusted? No.  
Has the propeller shaft been drawn and examined at this time? Complete.  
If the Survey is not complete state what arrangements have been made for its completion? Complete.

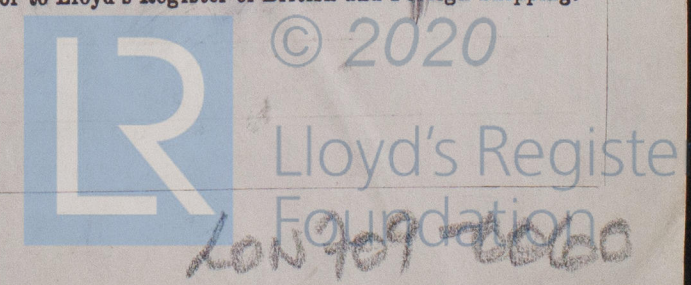
Now done - The Donkey boiler examined internally & externally and the safety valves of the Main & Donkey boilers adjusted under steam.  
The plain tubes of the Donkey boiler were found to be thin and were renewed at this time.

General Observations, Opinion, and Recommendation:—This vessels' boilers are now  
(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9.95, B.&M.S. 9.95 or R.L.M.C. 9.95, 140 lb., F.D., &c.)  
in safe working condition and eligible, in my opinion, to remain as classed with record of B. S. 5.96. entered in the Register Book.

Office or Registration Fee (per Sec. 27).....	£	:	:	Fees applied for
Survey Fee (per Section 28).....	£	:	:	18
Special Damage Fee (per Section 28).....	£	:	:	Received by me,
Travelling Expenses (if chargeable).....	£	:	:	18

\*State if Certificate is required  
Committee's Minute FRI. MAY 22 1896  
Assigned B. S. 5.96

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



Has a Survey been held on Ship? If so, is the Report sent now, or when will it be sent?