

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

Date of writing Report Jan 5 1895 When handed in at Local Office London is 18 Port of London.  
 No. in Reg. Book. Survey held at London. Date, First Survey Dec 29 Last Survey Jan 2 1894  
92 on the Machinery of the Wood, Iron or Steel S.S. MAINE. Master Subt  
 Tonnage { Gross 2780 Net 1690 Vessel built at W. Harlepool. By whom W. Gray & Co When 1857 YEAR. MONTH.  
 Registered Horse Power 280 Engines made at B. When 1857 Boilers, when made (Main) 1857 (Donkey) 1857  
 No. of Main Boilers 2 Owners Atlantic Transport Co. Ltd Port London Voyage Philadelpia  
 No. of Donkey Boilers 2 If Surveyed Afloat or in Dry Dock West India Dock. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 Steam Pressure in Main Boilers 160 lbs in Donkey Boilers 60 lbs

Last Survey No.                      Port                       
 Particulars of Examination and Repairs (if any) Part Special Survey  
 (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.	Year Assigned how expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A.1. 2 94.</u>	<u>                    </u>	<u>L.M.C. 3. 91</u>
<u>Shardeck.</u>	<u>                    </u>	<u>B.S. 9. 93.</u>
<u>50. 1. 91. H.P.</u>	<u>                    </u>	<u>                    </u>

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes.  
 Do. " Donkey " " No.  
 If this was not done, state for what reasons? Donkey Boilers in use.  
 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.  
 What pressure were they afterwards adjusted under steam? 160 lbs per sq  
 Did the Surveyor examine the Safety Valves of Donkey Boiler? No.  
 What pressure were they afterwards adjusted?                     

If the Survey is not complete state what arrangements have been made for its completion? Survey to be continued on vessel's return to the U.K. in about six weeks time.  
Examined Main Boilers internally & externally & Safety valves. Found plain Tubes leaking at back end; otherwise all in good condition.  
The Plain Tubes were drawn up & re-expanded.

To complete the survey the whole of the Machinery with the exception of the Main Boilers & their safety valves. to be examined.

General Observations, Opinion, and Recommendation: This vessel's Machinery is now as far as seen in good condition & in my opinion the vessel will be eligible for record  
\* L.M.C. 1. 94<sup>5</sup> when the survey has been completed.

Fee or Registration Fee (per Sec. 27)                      £                       
 Survey Fee (per Section 28)                      £ 5.0.0  
 Special Damage Fee (per Section 28)                      £ 10.0  
 Selling Expenses (if chargeable)                      £ 4.10.0

Fees applied for 14/11 1895  
 Received by me, 26/11 1895  
P. M. Selman  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute                      TUES. 15 JAN 1895  
 signed                      THUR 11 APL 1895 FRI 31 MAY 1895 FRI 30 JUL 1895  
 Lloyd's Register Foundation  
 LON 704-0177