

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

(Received at London Office)

Date of writing Report 4 July 1896 When handed in at Local Office 6th July 1896 Port of London

No. in Reg. Book 725 Survey held at London Date, First Survey 29 June Last Survey 1st July 1896
on the Machinery of the Wood, Iron or Steel S.S. "Minnesota" Master L. J. Lucas

Tonnage { Gross 3216 Net 2080 Vessel built at Belfast By whom Harland & Wolff When 1887 11.
Registered Horse Power 320 Engines made at _____ When 87 Boilers, when made (Main) '87 (Donkey) '87
No. of Main Boilers 2 Owners Atlantic Transport Co. Ltd Port London Voyage Baltimore
No. of Donkey Boilers 1
Steam Pressure—
in Main Boilers 160 lb. If Surveyed Afloat or in Dry Dock Afloat in Water Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
in Donkey Boilers 60. India Dry Dock

Last Survey No. _____ Port _____

Particulars of Examination and Repairs (if any) Repairs +100 A1. 2.96 +Luc. 10.93.

(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	Date of last Survey and of Periodical Surveys.	Years Assigned	Machinery and Boiler Surveys (including date of N.B., if any).
✓ for Special Survey.			

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? Already examined at Sea London Reg. No. 54698

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? no

At what pressure were they afterwards adjusted under steam? not now adjusted

Did the Surveyor examine the Safety Valves of Donkey Boiler? no

To what pressure were they afterwards adjusted? not now adjusted

Has the propeller shaft been drawn and examined at this time? no

If the Survey is not complete state what arrangements have been made for its completion? On vessel's return to London

Now done: Donkey Boiler examined. Holes drilled in Furnace and Combustion chamber and Shell Plating thicknesses found to be satisfactory except in way of back (bottom part) of Combustion chamber. This part of plating has been cut out but repairs will not be completed until the vessel's return.

It is arranged that this Boiler will not be set to work before the repairs recommended are done.

Propeller, Stern-buds and outside fastenings of sea connections examined and found satisfactory.

General Observations, Opinion, and Recommendation:—

(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 X.L. M.C. 9,95, 140 lb., F.D., &c.)

The machinery of this vessel is in good condition and in my opinion eligible to remain as classed without fresh record, subject to the Donkey Boiler not being set to work until repairs are completed.

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

Received by me, D. Ritchie
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required

Committee's Minute Deferred FRI. JUL 10 1896 TUES 24 NOV 1896 FRI 4 SEP 1896

Assigned _____



15. 7 sent on the Ship when, one will be sent. or if no...
 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

Insert Character of Ship and Machinery precisely as in the Register Book.