

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

Date of writing Report 10 April 1896 When handed in at Local Office 11 April 1896 Port of LONDON
 No. in Reg. Book 465 Survey held at LONDON Date, First Survey 11 March Last Survey 7 April 1896
 on the Machinery of the Wood, Iron or Steel S.S. Blue Bell Master J. Life
 Tonnage { Gross 562 Net 344 Vessel built at Glasgow By whom D. J. Dunlop & Co When 1892 YEAR. MONTH. 5
 Registered Horse Power 96 Engines made at " When '92 Boilers, when made (Main) '92 (Donkey) '92
 No. of Main Boilers 1 Owners Rever. Mrs. Stakely Port LONDON Voyage Antwerp
 No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Afloat in Comm. Dry Dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 Steam Pressure in Main Boilers 160 lb in Donkey Boilers 80 lb

Last Survey No. " Port "
 Particulars of Examination and Repairs (if any) Damage 100 H.P. 4'95" + L.M.C. 5'92"
 (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.)

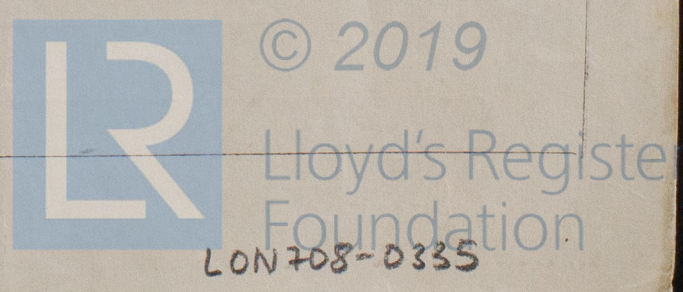
Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? yes.
 Do. " Donkey " " " yes.
 If this was not done, state for what reasons? "
 And what parts of the Boilers could not be thus thoroughly examined? "
 Also what special means, in the absence 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? 160 lb
 Did the Surveyor examine the Safety Valves of Donkey Boiler? yes.
 To what pressure were they afterwards adjusted? 75 lb
 Has the propeller shaft been drawn and examined at this time? yes.
 If the Survey is not complete state what arrangements have been made for its completion? Survey complete!

Now done for S.S. Blue Bell: Cylinders, Pistons and Slide Valves examined. The H.P. and I.P. Cylinders taken to shop, a new Liner 1 1/4 dia. was fitted to former and a new Slide Face fitted to latter. The main Steam Pipe tested to 32 lbs per square inch. Main Boiler examined. A new Mud Furnace Crown fitted. after repairs this Boiler tested to its working pressure by water test. Donkey Boiler examined. Same found to be generally in satisfactory condition. Now done in account of damage (see copy of report attached): All Pumps and the Condensers examined. The Tail Shaft drawn in and with crank Thrusts. Inboard Shafts examined. Propeller, Sea Connections Stern-bush. Pumping Connections & water tight doors & sluices examined. The following repairs now done for damage: - new wood fitted in Stern-bush, new Metal in Thrust Rings, Condenser cleaned and tubes re-packed. Holding down bolts & water service connections overhauled.

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. 4, 94, B.M.S. 4, 94 or L.M.C. 4, 94, 140 H.P., F.D., &c.)
The machinery of this vessel is in good order and, in my opinion, eligible to remain as classed with fresh record of L.M.C. 1896

Office or Registration Fee (per Sec. 27) £ : : Fees applied for 15. 4. 1896
 Survey Fee (per Section 28) £ 3 : 10 :
 Special Damage Fee (per Section 28) £ 2 : 2 :
 Travelling Expenses (if chargeable) £ 5 : 12 : Received by me, J. Attie
 £ 10 10 £ 5 : 1 21/4 1896
 *State if Certificate is required

Committee's Minute FRI. APR 17 1896
 Assigned + L.M.C. 4.96
 MACHINERY CERTIFICATE WRITTEN.



State if a Report is also now sent on the Ship or if not whether, and when, one will be sent.

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