

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

Date of writing Report 25th Sept 1896 When handed in at Local Office 25th Sept 1896 Port of London
No. in Reg. Book 29 Survey held at London Date, First Survey 19th Sept Last Survey 25th Sept 1896
on the Machinery of the Wood, Iron or Steel S. T. Umbilo Master A. Lewis
Tonnage Gross 1223 Net 1232 Vessel built at R. H. Pool By whom R. Gray & Co. Ltd When 1890 YEAR. MONTH. 3
Registered Horse Power 232 Engines made at " When '90 Boilers, when made (Main) '90 (Donkey) '90
No. of Main Boilers 2 Owners Bullard King & Co. Port London Voyage Natal
No. of Donkey Boilers 1
Steam Pressure in Main Boilers 150 lb If Surveyed Afloat or in Dry Dock In Dry Dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
in Donkey Boilers 60 " (State name of Dock.) afloat

Last Survey No. " Port "
Particulars of Examination and Repairs (if any) Examination of Boiler Survey 100 At 3' 96 SS C. ff. W. 1' 94 + L. Mc 3' 94
(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? See last London Report.
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? No.
Did the Surveyor examine the Safety Valves of the Main Boiler? yes.
At what pressure were they afterwards adjusted under steam? 60 lbs.
Did the Surveyor examine the Safety Valves of Donkey Boiler? yes.
To what pressure were they afterwards adjusted? 60 lbs.
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 Limit on Stern Bush see notice attached. To be completed on return from this voyage.

Indone: Donkey Boilers examined, same found to be generally in satisfactory condition except in way of Mud doors in the Shell Plating which was found deteriorated at these parts. Holes have been drilled in the Shell Plating and the thickness found to be satisfactory.
Repairs: Four Riveted Patches now put on shell in way of the Mud doors.
Safety valves adjusted under steam as above.

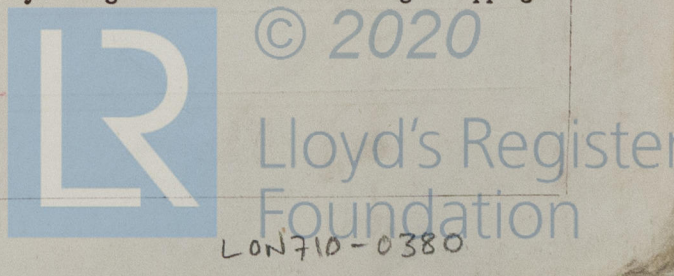
The Propeller outside fastenings of sea connections and the Stern-bush examined the latter now found to be 5/16 worn down. It has been recommended that the Sigum Vitae Living in Stern bush be renewed but as there was no opportunity of doing this now, it has been arranged with owners that this will be done on vessel's return from next voyage. See Notice to Owners attached.
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 L.M.C. 9,95, 140 lb., F.D., &c.)
The Machinery of this vessel is in good order and in my opinion eligible to remain as classed and this Survey being now completed I have fresh record of B.S. 7, 96. It is respectfully recommended that this vessel's class be continued subject to re-examination of the Stern-bush in six months.

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

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

State if Certificate is required "
Committee's Minute BS 7, 96 TUES. SEP 29 1896
Assigned note finish



Light repairs to donkey boiler owing to
wear & tear.

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or cause it to show through to the other side.

It is submitted that
this vessel is eligible to
remain **AS CLASSED**, subject to the
stem bolts being again examined before
the end of March 1897

It is submitted that
this vessel is eligible for
THE RECORD Bty. 96.

A.S.
28.9.96

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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Foundation