

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

(Received at London Office)

TUE - 3 JUL 1917

Date of writing Report 30-6-17 When handed in at Local Office 30-6-17 Port of Sunderland
 No. in Reg. Book 135 Survey held at Seaham Date, First Survey 28-6-17 Last Survey 30-6-1917
 on the Machinery of the Wood, Iron or Steel S/S "LADY HELEN": Master
 Tonnage Gross 811 Net 419 Vessel built at Sunderland By whom S.P. Austin & Son Ltd When 1909 11
 Registered Horse Power 138 Engines made at By whom N.E. Manning & Co Ltd When 1909
 No. of Main Boilers 1 Boilers, when made (Main: 1909 (Donkey) 1909
 No. of Donkey Boilers 1 Owners Marquis of Londonderry (W.N. Guinness) Port Sunderland Voyage
 Steam Pressure in Main Boilers 160 If Surveyed Afloat or in Dry Dock Seaham Harbour
 in Donkey Boilers 90 (State name of Dock.)

Last Report No. 26783 Port Std
 Particulars of Examination and Repairs (if any) BS

CHARACTER, &c. for Special Survey, Date of last Survey and of Periodical Surveys.	Year Assigned new expir.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>†100 A1 8.16</u>		<u>BS 1.16</u>
<u>SS 2d N° 1-14</u>		<u>†LMC 7.14</u>
		<u>TS 8.16</u>

(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 details being detailed in the body of the report, should be briefly summarised at the end of the report. State also the names and initials of any letters respecting this case.)

Damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined? Was a damage report made by anyone else? If so, by whom?

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? yes
 Do. " " Donkey " " " " yes

If any part of the Main Boiler or Donkey Boiler was not examined, state for what reasons?

What parts of the Boilers could not be thus thoroughly examined?

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 To what pressure were they afterwards adjusted under steam? 162
 Did the Surveyor examine the Safety Valves of Donkey Boiler? yes To what pressure were they afterwards adjusted under steam? 92

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? yes, and of the Donkey Boiler? yes
 Did the Surveyor examine the drain plugs of the Main Boilers? none, and of the Donkey Boiler? none

Did the Surveyor examine all the mountings of the Main Boilers? yes, and of the Donkey Boiler? yes

Has the screw shaft now been drawn and examined? no Is it fitted with continuous liner? or two liners? or is it without liners?
 Has the shaft now been changed? If so, state reasons

Has the shaft now fitted new? Has it a continuous liner? or two liners? or is it without liners?

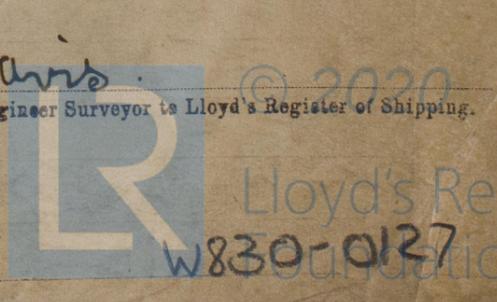
What is the distance between lignum vitae of stern bush and top of after bearing of screw shaft?

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? to complete

Now done! - The main boiler and the donkey boiler examined in their entirety, found in good condition and their safety valves adjusted under steam.

General Observations, Opinion, and Recommendation: - The machinery of this vessel as far as seen as now in safe working condition and eligible in my opinion to remain as classed with fresh record of BS 6.17.

Survey Fee (per Section 28) £ 1. 10. - Fee applied for 2 JUL 1917
 Special Damage or Repair Fee (if any)
 Travelling Expenses (if chargeable)
 Received by me
 FRI - 6 JUL 1917
 Committee's Minute
 Assigned



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

Is a Certificate required? If so, to be sent to

10m.10.16 - Transfer Ink. (The Surveyors are requested not to write on or below the 4)

BP due 1.17. how held

It is submitted that
this ... for
THE RECORD. BP 6.17

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 to cause it to show through to the other side.

J.H.
4.7.17.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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