

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

FRI. 11 JUN 1897

(Received at London Office)

Date of writing Report 10 June 97 When handed in at Local Office London is Port of London

No. in Reg. Book 321 Survey held at London Date, First Survey 22 May Last Survey 9 June 1897

321 on the Machinery of the Wood, Iron or Steel S.S. "Cassel" Master A. Dallas

Tonnage { Gross 448 Net 257 Vessel built at Southampton By whom Southampton Naval Co. (Ld.) When 1891 - 4

Registered Horse Power 95 Engines made at Southampton When 1891 Boilers, when made (Main) 1891 (Donkey) 1891

No. of Main Boilers one Owners Mead Son & Kisseey Port London Voyage Hankirk

No. of Donkey Boilers one Steam Pressure 160 lbs in Main Boilers 160 lbs in Donkey Boilers 65 lbs

Surveyed Afloat & in Dry Dock Battlebridge Pier & Limehouse Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. Port

Particulars of Examination and Repairs (if any) Condition + B.S.

CHARACTER for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>+100A1 - 2.97</u>		<u>+ L.R.</u>
<u>S.S. Lon No 1 - 95</u>		<u>5.95</u>

(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.)

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? Low 160 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted? low 65 lbs

Has the propeller shaft been drawn and examined at this time? No If spare propeller shaft fitted, state whether new?

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

Vessel placed in dry dock. Examined propeller, Bush (down $\frac{3}{16}$) & all sea connection fastenings - the nut on prop shaft taken back, cleaned & tightened, the outside guard ring on Donkey slow down taken off & a larger ring fitted.

Examined Main Boiler externally & internally & found it in fair condition, with exception of starboard furnace at back end, which was badly corroded & cracked between rivet-holes, the saddle plate to same was also badly cracked between rivet-holes, the furnace has been cut about 10" back, the saddle plate has also been cut, & a new saddle plate extending to where furnace had been cut, has been fitted. Safety valves satisfactory.

Examined Donkey Boiler externally & internally & found it in fair condition, with exception of uptake pipes which were drilled at water level & found to them, the pressure in consequence reduced to 65 lbs. Safety Valve satisfactory. Examined M & I Boilers under steam & adjusted safety valves to working pressures.

General Observations, Opinion, and Recommendation: - The Machinery of this vessel, so far as seen, is now in a safe working condition & eligible, in my opinion, to have B.S. 6.97 Recorded in the Register of this Society. The pressure of donkey boiler to be noted as 65 lbs in Register Book.

Office or Registration Fee (per Sec. 27)	Survey Fee (per Section 28)	Special Damage Fee (per Section 28)	Travelling Expenses (if chargeable)	Fees applied for
£ <u> </u>	£ <u>1 10 0</u>	£ <u>3 0</u>	£ <u>1 7 0</u>	<u>11/6</u> 18 <u>97</u>

Received by me,

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

Committee's Minute TUES 15 JUN 1897

Assigned BBB, 947



If so, is the Report sent now, or when will it be sent?

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

Corrections to be sent to...

