

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

(Received at London Office MON. FEB 10 1896)

Date of writing Report *7 Feby 1896* When handed in at Local Office *8 Feby 1896* Port of *LONDON*

No. in Reg. Book *337* Survey held at *LONDON* Date, First Survey *16 Feby 1896* Last Survey *5 Feby 1896*

on the Machinery of the *WOOD, IRON OR STEEL* *S. S. "Norham Castle"* Master *A. Dulem.*

Tonnage { Gross *4392* Net *2557* Vessel built at *Glasgow* By whom *J. Elder & Co* When *1883* YEAR. MONTH.

Registered Horse Power *831* Engines made at *"* When *83* Boilers, when made (Main) *91* (Donkey)

No. of Main Boilers *3* Owners *J. Currie & Co* Port *LONDON* Voyage *to G. Hope.*

No. of Donkey Boilers *1* Steam Pressure— in Main Boilers *160lb* If Surveyed Afloat or in Dry Dock *Afloat* (State name of Dock.)

in Donkey Boilers *80.*

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. \_\_\_\_\_ Port \_\_\_\_\_

Particulars of Examination and Repairs (if any) *(2<sup>nd</sup>) S.S. No 1 + 100 At 895 + LUC. 10'91 + NB 9'91*

(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? *160lb*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *yes.*

To what pressure were they afterwards adjusted? *80lb*

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? *Survey complete.*

*Now done: Cylinders, Pistons and Slide Valves examined, a new Liner fitted to H.P. Cylinder. All Pumps and the Condenser examined and found satisfactory. Crank, Thrust and Main Shafts in good Condition. Pumping Arrangement, Steer, and W.P. Doors in Satisfactory Condition. Propeller, Stern-bush, Sea Connections, and their fastenings, examined and found good. Main Boilers examined throughout and found to be generally in good Condition. Donkey Boiler also examined the same is now in Satisfactory Condition. All Safety Valves adjusted under Steam as above.*

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 now in good condition and in our opinion eligible to remain as Classed with fresh record of LUC. 10'96.*

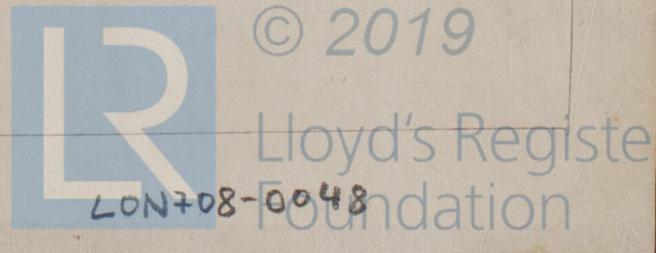
Office or Registration Fee (per Sec. 27).....	£ : :	Fees applied for	<i>13/2/96</i>
Survey Fee (per Section 28).....	£ <i>5 10</i>	Received by me,	<i>24/2/96</i>
Special Damage Fee (per Section 28).....	£ <i>11</i>		
Travelling Expenses (if chargeable).....	£ <i>4 19</i>		

\*State if Certificate is required \_\_\_\_\_

Committee's Minute *FRI. FEB 14 1896*

Assigned *+ LUC 2,96*

*D. Ricketts & R. Elliott*  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.



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

16-17, 95, Transfer Ink.

The Surveyors are requested not to write on or below the space for Committee's Minute.

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