

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

(Received at London Office)

WED. 1 JUN 1898

Date of writing Report *28 May 1898* When handed in at Local Office *31 May 1898* Port of *London*
 No. in Reg. Book. Survey held at *London* Date, First Survey *18 April* Last Survey *15 May 1898*
1139 on the Machinery of the *Wood, Iron or Steel* *S. S. "Athena"* Master *Bevis*
 Tonnage Gross *413* Net *270* Vessel built at *Sunderland* By whom *Wm. D. B. Co. Ltd* When *1886*
 Registered Horse Power *80* Engines made at *"* When *86* Boilers, when made (Main) *86* (Donkey) *86*
 No. of Main Boilers *1* Owners *Sawyer, Sons & Co. Ltd* Port *London* Voyage *Antwerp*
 No. of Donkey Boilers *1* Steam Pressure *90 lb* If Surveyed Afloat or in Dry Dock *Afloat in Brodie Dry Dock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 in Main Boilers *90 lb* in Donkey Boilers *85 lb*

Last Survey No. Port

Particulars of Examination and Repairs (if any) *L.M.E. + 100 A. 2.97. + L.M.E. 9.93*

(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 " *no.*If this was not done, state for what reasons? *Donkey Boiler already examined at London Ref. to 59696.*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? *yes.*Did the Surveyor examine the Safety Valves of the Main Boiler? *yes.*At what pressure were they afterwards adjusted under steam? *90 lb.*Did the Surveyor examine the Safety Valves of Donkey Boiler? *no.*To what pressure were they afterwards adjusted? *"*Has the propeller shaft been drawn and examined at this time? *yes.* If spare propeller shaft fitted, state whether new? *"*State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? *New wood fitted*If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? *Complete*

How done: - Cylinders Pistons Slide Valves all Pumps Condenser and the Crank Shaft and Inboard Shaft examined Tail Shaft drawn in and with the Propeller Stern-bush and Sea Connections examined.

Repairs to Engines how done: -

New Packing Rings fitted to H.P. Piston Seventeen New Rings fitted to Condenser H.P. Slide spindle turned and re-fitted with new back & gland bushes, Engine and Hotchkiss Platforms repaired.

Main Boiler examined and found to be generally in fair order.

Repairs how done to Main Boiler: - Right Caulking done to Shell and Combustion Chamber seams. This Boiler tried under steam and its 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. 9,97, B.&M.S. 9,97 or L.M.C. 9,97, 10 lb., &c.)

The Machinery of this vessel is in good condition and in my opinion eligible to remain as classed with fresh record of + L.M.E. 5-98.

Office or Registration Fee (per Sec. 27) £ : :
 Survey Fee (per Section 28) £ 3 : 10
 Special Damage Fee (per Section 28) £ : :
 Travelling Expenses (if chargeable) £ 3 : 3

Fees applied for

9/6 18 98

Received by me, 29.9 18 98

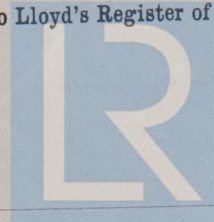
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

State if Certificate is required

Committee's Minute

Assigned

FRI. 10 JUN 1898



Lloyd's Register Foundation

LON 715-6421

Screw shaft examined
It is submitted that
this vessel is eligible for
THE RECORD. + d. h. c. 3. 98

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A.S.
9.6.98

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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