

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

(Received at London Office)

SAT. 2 APR 1898

Date of writing Report *17 April 1898* When handed in at Local Office *17 April 1898* Port of *London*  
 No. in Reg. Book. Survey held at *London* Date, First Survey *22 March 1898* Last Survey *28 March 1898*  
 on the Machinery of the *Wood, Iron or Steel* *S.S. Marine* Master *J. Muggelthwaite*  
 Tonnage Gross *2816* Net *1813* Vessel built at *R. H. Hall* By whom *R. Gray & Co.* When *1887* 7 MONTH.  
 Registered Horse Power *274* Engines made at *"* When *87* Boilers, when made (Main) *87* (Donkey) *78*  
 No. of Main Boilers *2* Owners *Atlantic Transport Co. Ltd* Port *London* Voyage *Bansea*  
 No. of Donkey Boilers *2* If Surveyed Afloat or in Dry Dock *Afloat & in D. I* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 Steam Pressure *160 lbs* (State name of Dock.) *Dry Dock*

Last Survey No. *"* Port *"*  
 Particulars of Examination and Repairs (if any) *Complete*  
 (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? *No.*  
 Do. " Donkey " *Yes.*

If this was not done, state for what reasons? *Main Boilers already examined. See London Report No. 59745*

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? *No* At what pressure were they afterwards adjusted under steam? *160 lbs.*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *Yes.* To what pressure were they afterwards adjusted? *58*

Has the propeller shaft been drawn and examined at this time? *No* 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? *3/16 in.*

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

*Now done: Main Boilers examined under steam and the Safety Valves adjusted as above.*

*Donkey Boilers examined. Test-holes drilled in shell and firebox flaring show satisfactory thickness. These Boilers now tested by hydraulic pressure to 90 lbs per sq inch and found efficient afterwards tried under steam and Safety Valves adjusted 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 S.L.M.C. 9,97, 140 lb. F.D., &c.)

*The Machinery of this vessel so far as has been examined is in good condition and in my opinion capable to remain as now classed and this survey being now completed, to have fresh record of B.S. 2. 98.*

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

State if Certificate is required

Committee's Minute

Assigned

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

Lloyd's Register Foundation  
 LON715-0151

TUES. 5 APR 1898

*292 98*



The Anky Bole having been examined  
all safety valves adjusted

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

B. 1298

2/4/98

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THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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