

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

(Received at London Office

THUR, MAR 4 1897

Date of writing Report *3rd March 1897* When handed in at Local Office *3rd March 1897* Port of *London*
 No. in Survey held at *London* Date, First Survey *2nd May* Last Survey *2nd March 1897*
 on the Machinery of the *Wood, Iron or Steel* *T. J. Elderslie* Master *W. J. Elderslie*
 (Gross *2761* Net *1801* Vessel built at *Newcastle* By whom *Palmer & Co.* When *1884* 4
 Registered Horse Power *305* Engines made at *Glasgow* When *84* Boilers, when made (Main) *84* (Donkey) *84*
 of Main Boilers *2* Owners *Murphy Martin & Co* Port *Glasgow* Voyage *Vapellaid up.*
 of Donkey Boilers *1* If Surveyed Afloat or in Dry Dock *Afloat in W. J. Elderslie* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 Main Pressure *90 lb* (State name of Dock.)
 in Main Boilers *90 lb*
 in Donkey Boilers *90 lb*

Last Survey No. Port

Particulars of Examination and Repairs (if any) *Certified L.M.C. + 100 A.I. 7.94*
Limitation SS L.M. 102.92.

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. Please see last London Survey Report.*And what parts of the Boilers could not be thus thoroughly examined? *no.*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? *no.*Did the Surveyor examine the Safety Valves of the Main Boiler? *no.*At what pressure were they afterwards adjusted under steam? *not adjusted.*Did the Surveyor examine the Safety Valves of Donkey Boiler? *yes.*To what pressure were they afterwards adjusted? *not yet adjusted. Vapellaid up.*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? *Before vessel sails from London no time yet fixed.*

Now done: - Donkey Boiler examined in every part - Test Holes drilled in Shell Furnace and Combustion Chamber Plating shows sufficient thickness except at one part - in after combustion chamber this part has been repaired by cutting out defective part of plating and fitting a riveted patch. After repairs this boiler tested by hydraulic pressure to 135 lbs per square inch.

H.P. Piston Rod and the Thrust Shaft examined in way of flaws previously reported these flaws do not appear to have extended since last seen.

To complete this Survey the Safety Valves of the Donkey Boiler remain to be adjusted under steam.

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, 14 lb., F.D., &c.)

The machinery of this vessel is in my opinion eligible to remain as now classed but the fresh record of *L.M.C.* it is recommended should be deferred until completion of this survey and the H.P. Piston Rod and Thrust Shaft should be again examined in three months.

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
 18
 Received by me,
 18

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

*State if Certificate is required

Committee's Minute

JUL 6 JUL 1897

Assigned

see minute
 on Lon 58958



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LON 713-0010

It is submitted that
this vessel is eligible to
remain as **CLASSED**.

*subject to the H. P. Smith and
Hunt-Sharp being examined before the end of May*

It is submitted that this
vessel **WILL BE** eligible for
the record.

*+ L. H. 6 10,96 when the
donkey Boiler safety valves have
been adjusted*

*F.H.
6/7/97*

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 cause it to show through to the other side.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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