

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

(Received at London Office

THUR, 8 DEC 1898

Date of writing Report *6<sup>th</sup> Dec* 18 *98* When handed in at Local Office *7<sup>th</sup> Dec* 18 *98* Port of *London*  
No. in Reg. Book. *204* Survey held at *London* Date, First Survey *29<sup>th</sup> Nov* Last Survey *30<sup>th</sup> Nov* 18 *98*  
*on the Machinery of the Wood, Iron or Steel* *T. J. Elderslie* (No. of Visits *2*) Master *Stewart*  
Tonnage { Gross *2761* Vessel built at *Newcastle* By whom *Palmer's Co* When *1884* MONTH. *4*  
Net *1801* Engines made at *"* When *84* Boilers, when made (Main) *"* (Donkey) *"*  
Registered Horse Power *305* Owners *J. Bowen Pees & Co.* Port *Glasgow* Voyage *Leith, N.B.*  
No. of Main Boilers *2* If Surveyed Afloat or in Dry Dock *afloat* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
No. of Donkey Boilers *1* Steam Pressure—  
in Main Boilers *90 lb* in Donkey Boilers *90*

Last Survey No. *46245* Port *Leith*

Particulars of Examination and Repairs (if any) *Part-B.S. +100 A. 7-98* *+L.M.C. 10-96*

(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. Exam. Part only.*  
Do. " Donkey " *No.*  
If this was not done, state for what reasons? *Main Boilers not prepared. Donkey Boilers at work.*  
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* To what pressure were they afterwards adjusted under steam? *Not adj.*  
Did the Surveyor examine the Safety Valves of Donkey Boiler? *No* To what pressure were they afterwards adjusted under steam? *Not adj.*  
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?

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? *Main Boilers to be examined and repaired at Leith on vessel's arrival there.*  
*Now done:- Examined all Mid Furnaces. Found them weakened by Corrosion and slightly out of form. also found lower part of all Mid Comb. chambers to be patched & these patches in a leaky condition. also found the bottom seams of Shells to be leaking & defective in way of Rivets. Recommended that all Mid Furnaces & bottoms of Mid Comb. chambers be renewed and Shell seams made good. It is arranged that this will be done as above and the Boilers examined throughout.*  
*Owners and Leith Surveyors written to.*

## 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, 140 lb., F.D., &c.)  
*The Machinery of this vessel so far as now seen, is, in my opinion, eligible to remain as classified with fresh record of B.S. when this survey is completed.*

Fee or Registration Fee (per Sec. 27).....	£	:	:	Fees applied for
Survey Fee (per Section 28).....	£	:	:	18
Local Damage Fee (per Section 28).....	£	:	:	
Rolling Expenses (if chargeable).....	£	:	:	Received by me,
				18

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

If Certificate is required  
Committee's Minute  
*Deferred for compl.*  
*White Lib. Rpt. to L.L.M. 11/14/98*

FRI, 9 DEC 1898

TUES, 10 JAN 1899

TUES, 17 JAN 1899



B.S. due 10. 98. to be completed at Leith

Middle furnaces examined

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.

It is submitted that this vessel WILL BE eligible for the record. B.S. 11. 98. <sup>with date</sup> when all the requirements of B.S. have been carried out: <sup>except examination of mid furnaces</sup> and when the middle furnaces and bottoms have been renewed and shell seams made good in Main Boilers.

A.C.H.

8.12.98

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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