

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

Date of writing Report *19<sup>th</sup> March 1894* Then handed in at Local Office *18* *Port of London*  
 No. in Reg. Book. *186* Survey held at *London* Date, First Survey *10<sup>th</sup> March* Last Survey *15<sup>th</sup> March 1894*  
 on the Machinery of the ~~Wood, Iron or Steel~~ *S.S. "Newburn"* (No. of Visits) *3*  
 Master *W. Payne* YEAR. MONTH. *1861 3*  
 Tonnage { Gross *680* Net *422* Vessel built at *Sunderland* By whom *J. Laing*  
 Registered Horse Power { *99* Engines made at *Newcastle* When *1883* Boilers, when made (Main) *1883* (Donkey) *None*  
 No. of Main Boilers *One* Owners *J. Fenwick & Son.* Port *London* Voyage *Coasting*  
 Steam Pressure—*100* If Surveyed Afloat ~~or in Dry Dock~~ *Victoria Dock* Particulars of Classification (which must be inserted  
 in Donkey Boiler *No* (State name of Dock.) precisely as in Register Book & Supplements.

Last Survey No. *Subport NW*  
Particulars of Examination and Repairs (if any) *Part S.S. No. 3.*

*(Periodical Surveys, when held, must be reported in detail and serialim 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	"	"	"
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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?

At what pressure were they afterwards adjusted under steam?

Did the Surveyor examine the Safety Valves of Donkey Boiler?

To what pressure were they afterwards adjusted ?

If the Survey is not complete state what arrangements have been made for its completion?

Now done - H. P. cylinder, piston & slide examined - piston & slide rods turned up and new neck bushes fitted. Crank & thrust shafting examined. The after length of crank shaft now renewed on account of a flaw in the crank pin. A longitudinal flaw exists in N.º 2 bearing of the forward crank shaft, and, as this has now extended into the fillet it was recommended that shaft be renewed within six months. -

To complete S.S. N<sup>o</sup> 3. - The vessel requires to be dry docked; the propeller, propeller shaft, the sea and bilge connections <sup>to be</sup> examined, the tunnel shafting, L.P. cylinder, piston & slide, all pumps & condenser to be exd. The Main boiler and its safety valves to be examined and the latter to be adjusted under steam.

LLOYDS

mark on new after length of crank shaft

LLOYDS  
77B  
J.C.

General Observations, Opinion, and Recommendation:— This vessel's machinery, so far  
(State clearly what alteration, if any, is suggested to be made in the existing classification and notification of the vessel's machinery in the Register Book, consequent upon this survey:  
thus, for example, B.S. 9,92, B.&M.S. 9,92 or ~~L.M.C.~~ 9,92, as the case may be.)  
as seen, is in safe working condition, eligible, in my opinion, to remain  
as classed, with record of L.M.C. deferred until completion of above,  
subject to the forward crank shaft being renewed within six months.

Office or Registration Fee (per Sec. 27).....	£	:	:	Fees applied for _____ 18 _____ _____ Received by me, _____ 18 _____
Survey Fee (per Section 28).....	£	:	:	
Special Damage Fee (per Section 29).....	£	:	:	
Traveling Expenses (if chargeable).....	£	:	:	

\*State if Certificate is required

Committee's Minute

Assign

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

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Foundation

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