

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

No. 70326

Surveying Report *14th Oct 1917* When handed in at Local Office *14th Oct 1917* Port of *Newcastle on Tyne*  
 Survey held at *James & A Shields* Date, First Survey *13th Oct* Last Survey *3rd Oct 1917*  
 on the Machinery of the *Wood, Iron or Steel* *S S Lodanor* Master *J Rair*  
 (Gross *2291*) Vessel built at *Newcastle* By whom *John Hunter & Co* When *1905*  
 Net *2106* Engines made at *do* By whom *R C & A of Coks* When *1905*  
 ed *308* Boilers, when made (Main) *1905* (Donkey) *1905*  
 in Boilers *2* Owners *Lodanor & Co* Port *London* Voyage  
 key Boilers *1* If Surveyed Afloat or in Dry Dock *Both*  
 ssure-Boilers *180* (State name of Dock) *Newcastle D.D.*  
 ay Boilers *90*

Report No. \_\_\_\_\_ Port *Newcastle*  
 Particulars of Examination and Repairs (if any) *Minor repairs to ship*  
 Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the repairs, if any, and, in detail, the nature and extent of examinations and subsequent repairs. Repairs on damage (the cause of which must be stated) should be separated from repairs due to other causes; and being detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials of any letters respecting this case.

Was a damage report made by anyone else? If so, by whom? *Yes*

Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *Yes*

not done, state for what reasons? *Donkey*

Parts of the Boilers could not be thus thoroughly examined? *Donkey*

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*

Surveyor examine the Safety Valves of the Main Boiler? *Yes* To what pressure were they afterwards adjusted under steam? *185 lbs per sq in*

Surveyor examine the Safety Valves of Donkey Boiler? *Yes* To what pressure were they afterwards adjusted under steam? *90 lbs per sq in*

Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? *Yes* and of the Donkey Boiler? *Yes*

Surveyor examine the drain plugs of the Main Boilers? *Yes* and of the Donkey Boiler? *Yes*

Surveyor examine all the mountings of the Main Boilers? *Yes* and of the Donkey Boiler? *Yes*

Shaft now been drawn and examined? *No* Is it fitted with continuous liner? *Yes* or two liners? *Yes* or is it without liners? *Yes*

Now been changed? *No* If so, state reasons *Yes*

Now fitted new? *Yes* Has it a continuous liner? *Yes* or two liners? *Yes* or is it without liners? *Yes*

Distance between lignum vitae of stern bush and top of after bearing of screw shaft? *1/8"*

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

Examined the cylinders, pistons, slide valves, crank thrust and

el shafts, air, circulating, bilge-feed pumps, condenser, steam

ing gear & windlass. Propeller, aft end of stern bush, sea cocks

their fastenings. Repairs carried out. New piston ring fitted

pump levers fitted with new gudgeons & end cross stay & pins, feed

valves & seats refaced, all condenser tubes removed, tested and

tested & condenser tested, feed valve chest repaired 2 feed pump plungers

and up glands lapped & neck rings fitted, new Key fitted on steering

shaft. On the main boiler their safety valves & mountings, a

piece of the stern CE back of port boiler cut out, and a flanged patch

& electric welded fitted. 40 CE back & side stays and a number of

studs renewed, one end manhole built up by electric welding and

new doors fitted. 2 new windlass cylinders fitted.

Observations, Opinion, and Recommendation. The machinery of this vessel

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

alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9, 11, B.&M.S. 9, 11, or L.M.C. 9, 11,

as as seen is now in good condition and is in my opinion

able to remain as classed in the register book with fresh record

3.17 as recommended in imp report No 18922 and M.S. 10.17.

Section 25) £ 5.10.0. Fees applied for 8 - OCT 1917

or Repair Fee (Many) £ Received by me, 20-6-1918 22-6-18

Section 25.) £ George Murdoch Engineer Surveyor to Lloyd's Register of Shipping.

ee's Minute FR OCT 12 1917. FRI JUL 19 1918 Lloyd's Register Foundation W832 - 0092



S P 103 due 5.17. heard  
H due 10.16 completed

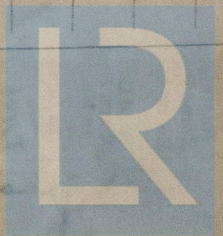
N.B. - If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

It is submitted that  
this record is suitable for  
THE RECORD.

+ LMC MS 10.14  
MBS 10.14  
DBS 3.14

11.10.7

OF THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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