

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

(Received at London Office) WED 5 JUN 1895

Date of writing Report 1<sup>st</sup> June 95 When handed in at Local Office London is London Port of London

No. in Reg. Book 436 Survey held at London Date, First Survey 27<sup>th</sup> May 1895 Last Survey 27<sup>th</sup> May 1895

436 on the Machinery of the Wood, Iron & Steel Paddle Steamer "Duncan" Master J. Giles

Tonnage { Gross 493 Net 311 Vessel built at London By whom R. H. Green When 1889 YEAR. MONTH. 2

Registered Horse Power 100 Engines made at Greenwich When 1889 Boilers, when made (Main) 1889 (Donkey) 1889

No. of Main Boilers Two Owners London County Council Port London Voyage North to South Wales

No. of Donkey Boilers None If Surveyed Afloat Iron Dry Dock at North Woolwich Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Steam Pressure in Main Boilers 30 in Donkey Boilers ✓

Last Survey No. \_\_\_\_\_ Port \_\_\_\_\_

Particulars of Examination and Repairs (if any) Conditions B.S.

(Periodical Surveys, when held, must be reported in detail and verbatim 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 date 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? Yes

Do. " Donkey " " " No D.B.

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? Yes

At what pressure were they afterwards adjusted under steam? 30 lbs.

Did the Surveyor examine the Safety Valves of Donkey Boiler? } No D.B.

To what pressure were they afterwards adjusted? Complete

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

Vessel placed on hard at North Woolwich sea-connection + paddle wheel fastenings exam. & found in order. Both Main boilers exam. int. & ext. of their safety valves & all found in order. S. Valves adjusted under steam to 30 lbs. The whole of the plain tubes were taken out of the two main boilers, 1/2" cut off their ends, replaced, & both boilers tested under hydraulic pressure satisfactorily to 60 lbs. pressure.

ral Observations, Obinion, and Recommendation:— The boilers of this vessel are 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. 4.01, B.&H.S. 4.01 or L.M.C. 4.01, 4.02, F.D., &c.)

is in safe working condition and the vessel is eligible, in my opinion, to remain as classed with record of B.S. 5.95 entered in the Register Book.

Registration Fee (per Sec. 27) £ : : Fees applied for 5-6-1895

Fee (per Section 28) £ 1:10:0

Average Fee (per Section 28) less 10% £ 1:3:-

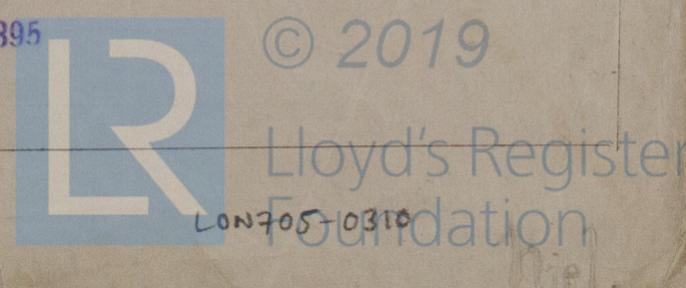
Expenses (if chargeable) £ 1:7:- Received by me, 17/7/1895

Signature is required FRI 7 JUN 1895

Committee's Minute 285, 95

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

FRI. 6 DEC 1895  
FRI. DEC 20 1895  
TUES. JUN 16 1896



Moderate repairs due to wear & tear,  
effected to Main Boilers

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 is eligible for  
THE RECORD. BS 5,95

J R R  
5-6-95

*[Faint, mostly illegible handwritten text in the main body of the page, possibly bleed-through from the reverse side.]*

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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