

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

Date of writing Report 27 Nov 95 When handed in at Local Office is Port of London
 No. in Reg. Book 709 Survey held at London Date, First Survey 5th Nov 1895 Last Survey 21 Nov 1895
 on the Machinery of the Wood, Iron or Steel S.S. "Starrigan" Master [Signature]
 Tonnage { Gross 780 Net 470 Vessel built at Dundee By whom Boulton Bros & Co When 1891 - 4
 Registered Horse Power 121 Engines made at London When 1891 Boilers, when made (Main) 1891 (Donkey) 1891
 No. of Main Boilers one Owners General Steam Nav Co Port London Voyage Baltic
 No. of Donkey Boilers one
 Steam Pressure in Main Boilers 160 lbs Surveyed at in Dry Dock Nelson
 in Donkey Boilers 50 lbs (State name of Dock.)

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER for Special Survey, Date of last Survey and of Periodical Surveys.	Years Assigned now or expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>+100 A. 1. 95</u>		<u>+LMC 4-91</u>

Last Survey No. _____ Port _____
Particulars of Examination and Repairs (if any) Special Survey No 1 + 100 A. 1. 95

(Periodical Surveys, when held, must be reported in detail and seriatim 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? Yes
 Do. " Donkey " " " " Yes
 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? blow 160 lbs
 Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes
 To what pressure were they afterwards adjusted? blow 50 lbs
 Has the propeller shaft been drawn and examined at this time? Yes
 If the Survey is not complete state what arrangements have been made for its completion? ✓

Vessel placed in Dry Dock. Examined Propeller shaft & found satisfactory. Stem Bush rewooded. Sea Connections & fastenings examined & found satisfactory except Main Blow down, the outside plating was badly corroded & has been taken off & plate riveted on opening & lock rejointed.

Examined H.P. M.P. & L.P. Cylinders, pistons, valves & faces; Covers, Condenser, Crank Lunnel & Thrust Shafting & Air, Feed & Bilge pumps found satisfactory. Two upper pin bearing brasses refilled with patent metal, Feed & Bilge pump ramis truing up & glands rebushing and neck rings renewing.

Examined Main Boiler externally & internally and found in good condition. Safety valves satisfactory.

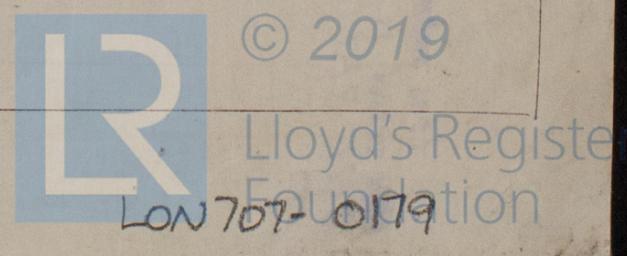
Examined Donkey Boiler externally & internally. Shell at bottom seam badly corroded for about 12", a patch has been fitted also firebox at bottom where corroded has been cut & a riv patch fitted. Stays & Crown renewing. Safety valves trued up.

General Observations, Opinion, and Recommendation: The Engines & Boilers of this vessel (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. 494, B.&M.S. 494 or L.M.C. 494, 149 lb., F.D., &c.) as far as seen are now in a safe working condition and eligible in my opinion to have +LMC 11.95 Recorded in the Register of this vicinity. It is submitted that this vessel's Donkey Boiler pressure 50 lbs be entered in Register Book.

Registration Fee (per Sec. 27) £ : :
 Survey Fee (per Section 28) £ 4:0:0
 less 10% 0:0:0
 Total Damage Fee (per Section 28) £ 3:12:0
 Selling Expenses (if chargeable) £ : :
 Fees applied for 28/11/95
 Received by me [Signature] 6/12/95

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

Committee's Minute FRI. 29 NOV 1895
Signed +LMC 11.95



on account of wear & tear. Moderate repairs
expended to Engines & Donkey Boiler.

It is submitted that
this vessel is eligible for
THE RECORD.

L.M.C. 11-95.

Donkey Boiler pressure & the
recorded 50 lbs

M.D.
28.11.95

5-1139 Jan

The donkey boiler of this vessel is marked as
follows 218
24/11/95
175 lbs
M.R. 18-10-95 it is submitted that this be noted in
Register Book as working pressure
50 lbs
The Main & Donkey Boilers examined under
steam & safety valves adjusted to working
pressures

N.B.—If this Report is copied by Copying Press, special 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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