

57117^a

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

(Received at London Office, ...)

No. _____ Date of Writing Report June 1889 Port of London FRIDAY 7 JUNE 1889
 No. in Reg. Book. Survey held at London Date, first Survey May 27 Last Survey June 1889
50 on the Machinery of the S. S. Palmyra Master Sumro No. of Visits 6
 Tonnage { Gross 960 Vessel built at Newcastle By whom Palmer & Co When 1866 YEAR. MONTH.
 { Net 404 Engines made at Newcastle When 1866 Boilers, when made (Main) 1872 (Donkey)
 Registered Horse Power 140 Owners J. Fenwick & Sons Port London Voyage Coast
 No. of Main Boilers 2 If Surveyed Afloat or in Dry Dock Dry dock (State name of Dock.)
 Steam Pressure in Main Boilers 45
 in Donkey Boiler _____

Last Survey No. _____ Port _____ Class of Vessel & Machinery (As in Register Book, including date of last Boiler Survey.) 90 A1. 12.84
SS. Lon. No 1.85 M.S. 3.85 BS. 10.85

Particulars of Examination and Repairs (if any) Special Survey No 2
 (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 should be separated from Repairs due to other causes. State also the dates and initials of any letters respecting this case

Did the Surveyor personally go inside each Boiler separately (including the Donkey Boiler, if any), and make a thorough examination at this time? 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? Examined propeller fastenings

& sea connections, sea cocks &c. propeller found to be down 3/8". On disconnecting the same found shaft much corroded & recommended new one. This has been fitted after examination

& stern tube re-bushed in a satisfactory manner

Examined pistons, cylinders, slides, all pumps & valves, crank & thrust shafts, & found them in a satisfactory condition, sundry minor repairs have been done to engines

Examined main boiler, donkey boiler, also superheater, & stop & safety valves for the same.

Found in main boiler several tubes very thin, port boiler middle furnace leaking at bottom of combustion chamber, also sundry small leakages. Recommended 20 new tubes to be put in, patch to be put on P.I. boiler comb cham back, middle furnace & new stay where required, also caulking, this has been

satisfactorily executed

Main boiler safety valves weighted & calculated to blow at a pressure of 45 lbs per sq inch

Donkey boiler new in 1884 & marked No 231 Flays test 180 lbs P.H. 8.84

General Observations, Opinion, and Recommendation:— The machinery of this vessel being now in a satisfactory condition she is
 (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. 1/89, B. & M.S. 1/89, or L.M.C. 1/89, as the case may be.)
eligible in my opinion to be classed M.S. 6.89 in the Register Book

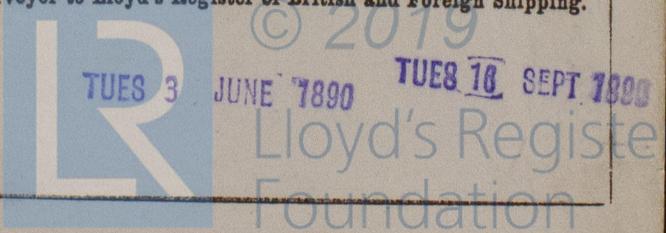
Office or Registration Fee (per Sec. 27) £ : :
 Survey Fee (per Section 28) £ 3 : 3 :
 Special Damage Fee (per Section 28) £ : :
 Certificate (if required) as per margin £ 17/9/90 :
 Travelling Expenses (if chargeable) £ : :
 Fees applied for 14/6/1889
received by me,
17/9/90 19/9 1889

Maurice Peterson
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute TUES 18 JUNE 1889 FRIDAY 27 JUNE 1889 TUES 3 JUNE '890 TUES 10 SEPT 1889
 Assigned B + M S 6/89

T. & S. Form No. 1. The Surveyors are requested not to write on or below the space for Classification Minutes. State if a Report is now sent on the ship or if not whether and when one will be sent.

Insert Character of Ship and Machinery precisely as in the Register Book.



LON690-0452

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 Mrs Bessel
is eligible to have B & M.S.

6. PG recorded.

N.A.
17-6-89

[Faint, illegible handwriting in columns across the page, likely bleed-through from the reverse side.]



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