No. 54071

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

(Received at London Office N.O.R. 6 FEB 1893)

Date of writing Report 4th Feby 18 93 When handed in at Local Office 18 Port of London

No. in Reg. Book. 125 Survey held at London Date, First Survey 26th Jany Last Survey 3rd Feby 1893 (No. of Visits 5)

on the Machinery of the ~~Wood~~, Iron ~~or Steel~~ S.S. "Pathan" Master W. H. Wright

Tonnage { Gross 2709 Net 1762 | Vessel built at Glasgow By whom Aitken & Mansel When 1883 (Year) 3 (Month)

Registered Horse Power 250 | Engines made at do When 1883 Boilers, when made (Main) 1883 (Donkey) 1883

No. of Main Boilers 2 | Owners Mogul S.S. Co. (Limd) Port Rochester Voyage Middlesboro;

Steam Pressure— in Main Boilers 80 lbs | If Surveyed Afloat or in Dry Dock Both (State name of Dock.) Vic. Pontoons & R. A. Dk

in Donkey Boiler 45 lbs | Gellatly Hankey Sewell & Co

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 expired.	Machinery and Boiler Surveys (including date of N.B., if any).
✠ 100 A1 5.92		✠ LMC 10.91
S.S. Shd No. 2.91		

Last Survey No. Port Condition

Particulars of Examination and Repairs (if any) Boiler Survey

(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? All examined

And what parts of the Boilers could not be thus thoroughly examined? all 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? 80 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes

To what pressure were they afterwards adjusted? 45 lbs

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

The vessel was placed on the pontoon – found the tail end shaft, at the stern bush, down 3/8".
The propeller was taken off, the tail end shaft was drawn inboard, cleaned, examined, and found in good condition.
The stern bush lignum vitae was satisfactorily renewed.
Propeller, stern bush, & sea connections with their respective fastenings, were found in good condition
Examined the main and donkey boilers internally & externally together with their safety valves, found all in good condition.
The main and donkey boilers were afterwards seen under steam, and their respective safety valves were adjusted to blow off at 80 lbs & 45 lbs pressure per □"

General Observations, Opinion, and Recommendation:—The machinery as far as seen and the boilers are now in good and efficient working order, and in my opinion the vessel is eligible to remain as classed, with the record B.S. 2.93.

(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.)

Office or Registration Fee (per Sec. 27)	£ : :	Fees applied for 6/2/1893
Survey Fee (per Section 28)	£ 2 : – : –	
Special Damage Fee (per Section 28)	£ : :	Received by me, 22/2/93
Travelling Expenses (if chargeable)	£ : :	

*State if Certificate is required

Robt Balfour
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute TUES. 7 FEB 1893

Assigned B.S. 2.93

State if a Report is also now sent on the Ship or if not whether, and when, one will be sent.

*Certificate to be sent to

(The Surveyors are requested not to write on or below the space for Committee's Minute.)

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

16—LRPH—Form No. 9—Transfer Ink—5,000, 7/9/92.

It is submitted that
this vessel is eligible for
THE RECORD B.S. 2 93

C.W.S.
6 2 93

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.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.