

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

6 JUL 1896

(Received at London Office)

Date of writing Report 4 July 1896 When handed in at Local Office 6 July 1896 Port of London

No. in Reg. Book 29 Survey held at London Date, First Survey 30 June 1896 Last Survey 2 July 1896

on the Machinery of the Wood, Iron or Steel S. S. Umbilo Master R. Lewis

Tonnage { Gross 1423 Net 1232 Vessel built at N. Hood By whom H. Gray & Co. Ltd When 1890 3

Registered Horse Power 210 Engines made at " When '90 Boilers, when made (Main) '90 (Donkey) '90

No. of Main Boilers 2 Owners Bullard, King & Co Port London Voyage Malak.

No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock afloat (State name of Dock.)

Steam Pressure in Main Boilers 150 lbs. in Donkey Boilers 60

Last Survey No. 57846 Port London

Particulars of Examination and Repairs (if any) A. S.

(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.)

CHARACTER. For Special Survey. Date of last Survey and of Periodical Surveys.	Years elapsed since last survey.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>+100A1 3.96.</u> <u>Sparok</u> <u>S. S. Cff. 10/1.94</u>		<u>+2mc. 3.94.</u>

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? Letter at work.

And what parts of the Boilers could not be thus thoroughly examined? Donkey Boilers.

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? yes.

Did the Surveyor examine the Safety Valves of the Main Boiler? yes.

At what pressure were they afterwards adjusted under steam? 155 lbs.

Did the Surveyor examine the Safety Valves of Donkey Boiler? no

To what pressure were they afterwards adjusted? not now adjusted.

Has the propeller shaft been drawn and examined at this time? no.

If the Survey is not complete state what arrangements have been made for its completion? On vessel's return.

Main Boilers now examined. Same found to be generally in good condition.

To complete this Survey it is arranged with Owners that the Donkey Boilers will be examined with its Safety Valves on the vessel's return. Copy of letter to Owners attached herewith.

## General Observations, Opinion, and Recommendation:—

(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. 0.95, B.&M.S. 0.95 or L.M.C. 0.95, 140 lb., &c.)

The Boilers and Engines of this vessel so far as now examined are in good order and in my opinion eligible to remain as classified in the present record of B.S. it is submitted should be deferred until this survey is completed.

Office or Registration Fee (per Sec. 27).....	£	7. 7. 1896
Survey Fee (per Section 28).....	£ 2. 0. 0	
Special Damage Fee (per Section 28).....	£ 0. 4. 0	
Travelling Expense (if chargeable).....	£ 1. 16. 0	

Received by me, D. Ritchie 8/7/96

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

Committee's Minute FRI. JUL 10 1896

assigned Deferred for compl. of B.S. by V.

Mc. G.

TUES. SEP 29 1896

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