

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

(Received at London Office MON. 19 JUN 1893)

Date of writing Report June 17 1893 When handed in at Local Office London is London Port of London

No. in Reg. Book 618 Survey held at London Date, First Survey June 10 Last Survey June 17 1893  
on the Machinery of the Wood, Iron or Steel S.S. BRITANNIA Master Dignam

Tonnage { Gross 949 Vessel built at Sunderland By whom Short Bros When 1877 10.  
Net 612 Engines made at Do When 1877 Boilers, when made (Main) 1877 (Donkey) 1879

Registered Horse Power 98 Owners J. G. Beattie & Son Port Sunderland Voyage Coasting  
No. of Main Boilers one If Surveyed Abroad in Dry Dock Canal Dry Dock

Steam Pressure in Main Boilers 70 lbs in Donkey Boiler 60 lbs Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. 93 Port London Condition Good  
Particulars of Examination and Repairs (if any) 9 B.S.

CHARACTER * for Special Survey, Date of last Survey and of Periodical Surveys.	Years Actual and expired.	Machinery and Boiler Surveys (including date of N.B., if any).
* 90 A-1. 5-92.		L.M.C. 2-90
55. H.P. No. 3-82 55. M.V.C. No. 2 90.		B.S. 9-92

Periodical Surveys, when held, must be reported in detail and serially 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.

When 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? Yes.

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes.  
At what pressure were they afterwards adjusted under steam? not yet adjusted.

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes.  
To what pressure were they afterwards adjusted? not yet adjusted.

If the Survey is not complete state what arrangements have been made for its completion? The owners have arranged to give facilities to have Safety valves adjusted on the vessels return to this port in about one weeks time.

Examined Main & Donkey boilers internally & externally & Safety valves. Two steam space stays & fifteen water space stays were found to be badly corroded. These stays were renewed. Two patches on the bottom of the Main boiler shell were found to be corroded & leaking. These patches were renewed. The boilers were otherwise in fair condition.

Examined propeller, stern bush, & sea connection's fastenings. Sail end shaft down about 1/2", shaft drawn in & examined & bush renewed, Tail found to be considerably corroded in way of propeller & in consequence recommended that the same be again examined within six months of present date.

To complete the Boiler Survey, Main & Donkey Boiler Safety valves to be adjusted under steam.

General Observations, Opinion, and Recommendation:— This vessel's machinery is now as far as seen in safe working condition & in my opinion the vessel is eligible to remain as classed, subject to Tail shaft being again examined in 6 months & have notification B.S. 6-93. recorded in the Register book, when the survey has been completed.

Office or Registration Fee (per Sec. 27)..... £ : :	Fees applied for
Survey Fee (per Section 28)..... £ 1.10.0	15/7/1893
Special Damage Fee (per Section 28)..... £ : :	Received by me,
Travelling Expenses (if chargeable)..... £ : :	18/7/93

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

\* State if Certificate is required  
Committee's Minute TUES. 18 JUL 1893  
Assigned Deferred

FRI 15 DEC 1893

