

No. 57089

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

(Received at London Office THUR. 7 NOV 1895)

Date of writing Report 6 Nov 95 When handed in at Local Office 18 Port of London  
 No. in Reg. Book. 402 Survey held at London Date, First Survey 22 Oct 95 Last Survey 5 Nov 1895  
 on the Machinery of the Wood, Iron or Steel S.S. "Flower" Master W. Hughes  
 Tonnage { Gross 908 Net 561 Vessel built at Sunderland By whom Murray & Dater When 1875-4  
 Registered Horse Power 119 Engines made at Dundee When 1875 Boilers, when made (Main) 1888 (Donkey) 1888  
 No. of Main Boilers One Owners General Steam Nav Co Port London Voyage Amsterdam  
 No. of Donkey Boilers One Steam Pressure 135 lbs Surveyed Afloat or in Dry Dock Mountain Pier Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 in Main Boilers 50 lbs in Donkey Boilers 50 lbs

Last Survey No. 56093 Port Lon  
 Particulars of Examination and Repairs (if any) Boiler Survey +100 7.12.94  
 (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.)  
 S.S. Don No 3 - 11.88  
 S.S. For No 1 - 93

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 135 lbs

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

To what pressure were they afterwards adjusted? Not 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 from present voyage

Examined Main Boiler externally & internally and found it in fair condition. 2 plain tubes renewed.

Examined Safety valves & found satisfactory

Examined Main Boiler under steam and adjusted safety valves to working pressure.

Examined Donkey Boiler externally & internally shell at bottom on inside found corroded slightly

also uptake slightly corroded in other ways satisfactory

In consequence of condition of shell & uptake, the pressure has been reduced to 50 lbs & it is submitted that this be noted in Register Book - One of Safety valves to be tried up.

To Complete Survey - Donkey Boiler to be tested by hydraulic pressure to 75 lbs per sq inch & safety valves afterward adjusted under steam to 50 lbs per sq inch. The survey will be completed on vessel's return in about 8 days.

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. 4,94, B.&M.S. 4,94 or L.M.C. 4,94, 140 lb., F.D., &c.)

so far as seen, are now in a safe working condition & eligible in my opinion to have B.S. 11.95 Recorded in the Register of this Society when the survey has been completed as above.

Office or Registration Fee (per Sec. 27) £ 1 10 0  
Survey Fee (per Section 28) £ 0 3 0  
Special Damage Fee (per Section 28) £ 1 7 0  
Travelling Expenses (if chargeable) £ :

Fees applied for 8/11/95  
 Received by me 23/11/95

\*State if Certificate is required  
 Committee's Minute TUES. 12 NOV 1895  
 Assigned Deferred for compl. of B.S.

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

TUES. 26 NOV 1895

Lloyd's Register Foundation  
LON 707-0104