

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

(Received at London Office)

TUES. MAY 19 1896

Date of writing Report 14 May 96 When handed in at Local Office 18 Port of London

No. in Reg. Book. 183 Survey held at London Date, First Survey 13 April Last Survey 12 May 1896
on the Machinery of the Wood, Iron or Steel S. S. John Grafton Master R Ling

Tonnage { Gross 563 Net 334 Vessel built at Newcastle By whom Palmers & Co (Ld) When 1883 Boilers, when made (Main) 1883 (Donkey) 1895

Registered Horse Power 40 Engines made at Newcastle Owners S. Clarke & Co Port London Voyage Trading

No. of Main Boilers one No. of Donkey Boilers one Steam Pressure in Main Boilers 75 lbs in Donkey Boilers 80 lbs

Surveyed at in Dry Dock Regent Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. Port Particulars of Examination and Repairs (if any) S. S. No 3 comp + 100 A. 9.95

(Periodical Surveys, when held, must be reported in detail and verbatim 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?

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 75 lbs

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

To what pressure were they afterwards adjusted? blow 70 lbs

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? Complete

Vessel placed in dry dock. Examined propeller, Bush and all sea connection fastenings & found satisfactory. The shaft was drawn & sea con examined at Newcastle see report No 32966.

Examined HP and LP cylinders, pistons, covers, valves & faces condenser, crank and thrust shafting, air, circulating feed & bilge pumps & found satisfactory.

Examined Main and Donkey Boilers externally and internally and found them in good condition.

Main Boiler safety valves satisfactory, Donkey Boiler safety valve seat renewed & valve tried up.

Examined Main & Donkey Boilers under steam and adjusted safety valves to working pressures.

Machinery placed Aft.

General Observations, Opinion, and Recommendation:—The Machinery in this

(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. 9,95, B.&M.S. 9,95 or S.L.M.C. 9,95, 140 lb., F.D., &c.)

Vessel is now in a safe working condition and eligible in my opinion to have + 2m C 5.96 Recorded in the Register of this Society.

Office or Registration Fee (per Sec. 27) £ 3 : 10 : 0 Fees applied for 19/5/96

Survey Fee (per Section 28) £ 3 : 10 : 0 Received by me, 20/5/96

Special Damage Fee (per Section 28) less 10% £ 0 : 7 : 0

Travelling Expenses (if chargeable) £ 3 : 3 : 0

*State if Certificate is required

Committee's Minute FRI. MAY 22 1896

Assigned + L.M.C. 5.96

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

