

No. 57024

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

(Received at London Office FRI 18 OCT 1895)

Date of writing Report *16 October 1895* When handed in at Local Office *18* Port of *London*

No. in Reg. Book. *86* Survey held at *London* Date, First Survey *2nd Feb* Last Survey *15 October 1895*

on the Machinery of the *Wood, Iron or Steel* *S.S. "Walton"* Master *Key*

Tonnage { Gross *1869* Net *684* Vessel built at *Sunderland* By whom *Short & Co* When *1877-1*

Registered Horse Power *99* Engines made at *Sunderland* When *1877* Boilers, when made (Main) *1877* (Donkey) *1877*

No. of Main Boilers *2* Owners *C Barton* Port *London* Voyage *Mediterranean*

No. of Donkey Boilers *one* Steam Pressure in Main Boilers *70 lbs* in Donkey Boilers *70 lbs* If Surveyed Afloat *on in Dry Dock* *Repents Hard* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. Port

Particulars of Examination and Repairs (if any) *For S Special S + 100 A1*

(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?

Do. " Donkey "

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?

At what pressure were they afterwards adjusted under steam?

Did the Surveyor examine the Safety Valves of Donkey Boiler?

To what pressure were they afterwards adjusted?

Has the propeller shaft been drawn and examined at this time?

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

Defective stays renewed; Starboard Boiler, Starboard C Chamber, two stays renewed & a riv patch fitted over back plate where corroded at one of the above stays, Port C Chamber, one stay renewed. Port Boiler, Starboard C Chamber three stays renewed. Condensers examined and found satisfactory. Feed and Rize Pump Valves tried in lathe. Examined Donkey Boiler externally & internally and found it all in good condition except Uptake which was very badly laminated, it has been cut about 12" above Firebox Crown & the upper part has been renewed. Safety Valves - Satisfactory Examined & Boiler under steam and adjusted Safety Valve & working pressure of 70 lbs, stated to be sufficient. Incomplete Survey; Propeller Shaft drawn & Stern Bush & Red Connections and Fastenings to same examined

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, 91, B.M.S. 4, 91 or L.M.C. 4, 91, 140 lb., F.D., &c.)

so far as seen, are now in a safe working condition and eligible in my opinion to have Imp 8.95- Recorded in the Register of this Society when the survey has been completed as above. It is respectfully submitted that this vessel is now eligible to have her name removed from the Limit List.

Office or Registration Fee (per Sec. 28) £ : : Fees applied for

Survey Fee (per Section 28) £ : : 18

Special Damage Fee (per Section 28) £ : : Received by me,

Travelling Expenses (if chargeable) £ : : 18

State if Certificate is required

Committee's Minute

Assigned

TUES. 22 OCT 1895

FRI. MAY 1 1896

FRI. SEP 25 1896

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