

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

(Received at London Office)

SAT. 1 FEB 1896

Date of writing Report *31st July 1896* When handed in at Local Office *31st July 1896* Port of *London*

No. in Reg. Book *286* Survey held at *London* Date, First Survey *1st July* Last Survey *29 July 1896*

on the Machinery of the *Wood, Iron or Steel* *S.S. Petrol* Master *W. Taylor*

Tonnage Gross *739* Net *462* Vessel built at *Aberdeen* By whom *Hell & Partners* When *1876. 12.*

Registered Horse Power *99* Engines made at *"* When *'76* Boilers, when made (Main) *'76* (Donkey)

No. of Main Boilers *1* Owners *General Steam Navigation Co. Port London* Voyage *Manchester*

No. of Donkey Boilers *1* If Surveyed Afloat or in Dry Dock *afforded in Dept for Great Dry Dock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)

Steam Pressure in Main Boilers *65 lb* in Donkey Boilers *50*

Last Survey No. *1001* Port *White in Dry Dock*

Particulars of Examination and Repairs (if any) *See Report p. 1001*

(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.*

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? *65 lbs*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *yes*

To what pressure were they afterwards adjusted? *57 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? *Tail Shaft - to be drawn in first opportunity.*

NOTE: Main Boiler examined. Holes drilled in Furnaces and Combustion chambers and thickness found average 3/8 full all Main Tubes have now been renewed.

Donkey Boiler examined. A new plate was fitted to same holes drilled in Furnaces and Shell Plating show sufficient thickness of Plating. This Boiler now tested by water pressure to 70 lbs per sq. inch found satisfactory.

Propeller Stern-bush and struts fastenings of sea connections examined and found satisfactory.

The Propeller Shaft of this vessel is now due for examination. See Special Limitation. Owner's attention has been called to this but they prefer delaying same until the next opportunity for Survey. This shaft is at present in good condition so far as has been seen.

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, E.S. 9.95, E.&M.S. 9.95 or G.L. M.L. 9.95, 140 lb., F.D., &c.)

The machinery of this vessel is in satisfactory condition and in my opinion classed remain as classed with fresh record of 18.8.1.96 Subject to the Tail Shaft being examined at the first opportunity.

Office or Registration Fee (per Sec. 27).....	£ : :	Fees applied for	
Survey Fee (per Section 28).....	£ 1 : 10 :	3.2. 1896	
Special Damage Fee (per Section 28) <i>less 10%</i>	£ 0 : 3 :		
Travelling Expenses (if chargeable).....	£ 1 : 7 :	Received by me	<i>D. Atkinson & G. Blackie</i>
		<i>1/3/96</i>	Engineer Surveyors to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required

Committee's Minute *TUES. FEB 4 1896*

Assigned *B.D. 1.96*

State if a report is also now sent on the Ship or if not whether, and when, one will be sent.

Insert Character of Ship and Machinery precisely as in the Register Book.

