

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

SAT. 6 MAY 1899

(Received at London Office)

Date of writing Report *May 5th 99* When handed in at Local Office is *Port of London*

No. in Reg. Book *133* Survey held at *London* Date, First Survey *Apr 28* Last Survey *May 5th 1899*

133 on the Machinery of the ~~Wood, Iron or Steel~~ *S.S. Harrington* Master *Hardy*

Tonnage { Gross *1032* Net *637* Vessel built at *India* By whom *Austin & Sons* When *1895* Boilers, when made (Main) *1895* (Donkey) *1895*

Registered Horse Power *138* Engines made at *India* Owners *(G. F. Johnson)* Port *London* Voyage *India*

No. of Main Boilers *1* No. of Donkey Boilers *1* Steam Pressure— in Main Boilers *160 lb* in Donkey Boilers *80 lb* If Surveyed Afloat or in Dry Dock *R.A.S.* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. *100* Port *London*

Particulars of Examination and Repairs (if any) *Comp of S.S. Harrington. 100 R. 1. 11. 97. H.L.M.C. 595.*

(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.)

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? *None.*

And what parts of the Boilers could not be thus thoroughly examined? *None.*

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? *None.*

Did the Surveyor examine the Safety Valves of the Main Boiler? *Yes* To what pressure were they afterwards adjusted under steam? *160 lb.*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *Yes* To what pressure were they afterwards adjusted under steam? *80 lb.*

Has the propeller shaft been drawn and examined at this time? *No* If spare propeller shaft fitted, state whether new? *exam. 12. 98.*

State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? *Completed.*

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? *Completed.*

Examined Main & Donkey Boilers internally & externally and safety valves also. Cylinders, pistons, valves, pumps & condenser, bridge connection, crank & thrust, & main shaft.

Repairs due to wear & tear. Feed pump plungers renewed

General Observations, Opinion, and Recommendation:— *This vessel's Machinery is now in good condition & in my opinion the vessel is eligible for the record H.L.M.C. 5-99.*

Office or Registration Fee (per Sec. 27)	£	:	:	Fees applied for
Survey Fee per Section 28	£	4	0	8/5 18 99
Special Damage Fee (per Section 28)	£	8	0	
Travelling Expenses (if chargeable)	£	3	12	19.5 18 99

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

State if Certificate is required *SAT. 19*

Committee's Minute *TUES. 9 MAY 1899*

Assigned *+ L.M.C. 5. 99*

3451.—16 6,985,000.—Transact. Inc.

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

*Certificate to be sent to



