

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

Date of writing Report *4 April 1893* When handed in at Local Office *18* Port of *London*
No. in Reg. Book. *631* Survey held at *London* Date, First Survey *20th March 1893* Last Survey *30th March 1893*
on the Machinery of the *Wood, Iron or Steel* *S.S. "British Empire"* Master *R. Willis*
Tonnage { Gross *3020* Vessel built at *Belfast* By whom *Harland & Wolff* When *1889* 4
Net *1971* Engines made at *Belfast* When *1889* Boilers, when made (Main) *1889* (Donkey) *1889*
Registered Horse Power *320* Owners *British Shipowners Co. (Lim.)* Port *Liverpool* Voyage *Boston*
No. of Main Boilers *Two* If Surveyed Afloat or in Dry Dock
Steam Pressure in Main Boilers *180* (State name of Dock.)
in Donkey Boiler

Last Survey No. Port
Particulars of Examination and Repairs (if any) *Part S.S. No. 1*
Periodical Surveys, when held, must be reported in detail and serialim 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 " " " *No.*
this was not done, state for what reasons? *Not done*
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? *Yes.*
Did the Surveyor examine the Safety Valves of the Main Boiler? *180 lbs.*
What pressure were they afterwards adjusted under steam? *No.*
Did the Surveyor examine the Safety Valves of Donkey Boiler? *Not adjusted at this time*
What pressure were they afterwards adjusted? *The Donkey boiler and its safety valves*

the Survey is not complete state what arrangements have been made for its completion? *require to be examined, and the safety valves adjusted - the owners propose doing this on vessels return to this port five weeks hence.*
Vessel placed in dry dock. all seaconnections, bilge suction and roses examined. Propeller shaft drawn in and examined. Propeller and its fastenings examined. The cylinders, pistons, slide valves and pumps opened up and examined. The main and turned bearings, thrust, and crank pins examined. Both main boilers examined internally and externally. Safety valves of Mn. boiler examined and subsequently set to a working pressure of 180 lbs..
To complete S.S. No. 1. - The Donkey boiler and its safety valves require to be examined and the safety valves to be adjusted under steam.

General Observations, Opinion, and Recommendation: - *The machinery of this vessel is in good working order, eligible, in my opinion, to remain as classed, and to have record of L.M.C. 3.93 entered in the Register Book on completion of above.*

or Registration Fee (per Sec. 27) £ : : Fees applied for *8 APR 1893*
y Fee (per Section 28) £ *5-10-0* Received by me, *R. Elliott*
al Damage Fee (per Section 28) £ : :
elling Expenses (if chargeable) £ : :
e if Certificate is required
nmittee's Minute *TUES. 11 APR 1893* *FRI 23 MAY 1893*
igned *Note for Completion*
Lloyd's Register Foundation
LON 698-0353