

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

THUR APR 30 1896

(Received at London Office)

Date of writing Report 28 April 1896 When handed in at Local Office 18 Port of London

No. in Reg. Book Survey held at London Date, First Survey 17 April Last Survey 25 April 1896

514 on the Machinery of the Wood, Iron or Steel S. S. Horiton Master J. M. Hudson

Tonnage { Gross 2454 Net 1585 Vessel built at W. Hattlespool By whom Furness Withy & Co. (Linn) When 1891-12

Registered Horse Power 145 Engines made at Stockton When 1891 Boilers, when made (Main) 1891 (Donkey) 1891

No. of Main Boilers 2 Owners Commercial S. S. Co. (Linn) Port London Voyage Alexandria

No. of Donkey Boilers one Steam Pressure in Main Boilers 160 lbs in Donkey Boilers 50 lbs

Surveyed Afloat & in Dry Dock W. Dock Suoy & Linn 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 1

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>+100 A. 12.94</u>		<u>+2m C 12.91</u>

(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? ✓

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 164 lbs

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

To what pressure were they afterwards adjusted? Blow 50 lbs

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

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

Vessel placed in dry dock. Examined propeller, propeller shaft (drawn), Stem Bush (rewooded), and all sea connections & fastenings to same & found satisfactory. Examined H.P. M.P. & L.P. cylinders, pistons, covers, valves & faces, Condenser, Crank Tunnel & Thrust shafting, Air Circulating, Feed & Bilge pumps & found satisfactory. Examined Main Boilers externally & internally and found them in good condition.

Examined Donkey Boiler externally & internally & found the shell badly corroded in upper strake, it has been drilled & found equal to a pressure of 50 lbs per sq inch. The stays to Crowns found badly corroded have been renewed. Examined Main & Donkey Boiler safety valves - satisfactory. Examined Main & Donkey Boilers under steam and adjusted safety valves to working pressures.

General Observations, Opinion, and Recommendation: - The Machinery 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. 0,95, B.&M.S. 0,95 or L.M.C. 0,95, 140 lb., F.D., &c.) is now in a safe working condition, & eligible in my opinion to have +2m C 4.96 Recorded in the Register of this Society. The pressure of Donkey Boiler to be noted in Register Book as 50 lbs.

Office or Registration Fee (per Sec. 27).....	£	0	0	Fees applied for <u>30/4/1896</u> <u>6/5/96</u> Received by me, <u>18</u>
Survey Fee (per Section 28).....	£	5	0	
Special Damage Fee (per Section 28).....	£	0	10	
Travelling Expenses (if chargeable).....	£	4	10	

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

\*State if Certificate is required \_\_\_\_\_

Committee's Minute FRI. MAY 1 1896

Assigned + L.M.C. 4.96



Has a Survey also been on Ship? If so, is the Report sent now, or when will it be sent?

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