

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

(Received at London Office FRI. APL 24 1896)

Date of writing Report 23 April 1896 When handed in at Local Office 18 Port of London

No. in Reg. Book. 389 Survey held at London Date, First Survey 13 April Last Survey 22 April 1896

on the Machinery of the Wood, Iron or Steel Iron S.S. "Binnie" Master S. J. Allen

Tonnage { Gross 1081 Net 895 Vessel built at Barrow By whom Naval Iron & Ammunition Co When 1892-3

Registered Horse Power 150 Engines made at Barrow When 1892 Boilers, when made (Main) 1892 (Donkey)

No. of Main Boilers 2 Owners London County Council Port London Voyage

No. of Donkey Boilers None Steam Pressure in Main Boilers 150 lbs of Surveyed Afloat or in Dry Dock Union (State name of Dock.)

in Donkey Boilers

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned now or previously.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>+ 100 A -</u> <u>5.95</u>		<u>+ LmC</u> <u>9.94</u>

Last Survey No. \_\_\_\_\_ Port \_\_\_\_\_  
Particulars of Examination and Repairs (if any) S.S. No 1

(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 " " " " None

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 150 lbs

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? Yes Complete

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

Vessel placed in dry dock. Examined propellers and all sea connections & fastenings to same & found satisfactory. The after liners on both propeller shafts were found much worn, these have been cut off, shafts examined & after liners renewed. Both stern bushes (cast iron) have been bored out to suit new liners on propeller shafts.

Examined, on both engines, H.P., M.P., & L.P. cylinders, pistons, valves & faces & covers, condensers, trunk thrust & tunnel shafting, air, feed & bilge pumps & found them satisfactory. Circulating pump shafts recoated with metal.

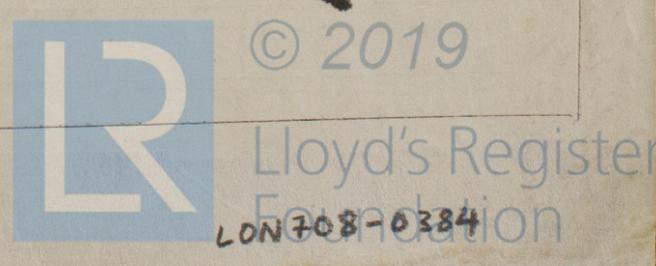
Examined Main Boilers externally & internally & found them in good condition. Several seams touched up. Safety Valves drawn & examined Main Boilers under steam & adjusted Safety Valves to working pressure.

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. 4.94, B.&M.S. 4.94 or L.M.C. 4.94, 140 lb., F.D., &c.)  
is now in a safe working condition & eligible in my opinion to have +LmC 4.96 Recorded in the Register of this Society.

	£	s	d	Fees applied for
Office or Registration Fee (per Sec. 27)				<u>24/4/96</u>
Survey Fee (per Section 28)	4	10	0	
Special Damage Fee (per Section 28)		9	0	Received by me, <u>8/5/1896</u>
Travelling Expenses (if chargeable)	4	1	0	

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

State if Certificate is required \_\_\_\_\_  
Committee's Minute TUES. APL 23 1896  
Assigned + Lm.C. 4.96.



10—L.R.M.—Report No. 9—Transit Ink—4,000, 3,4,95.  
 If a Report is also now sent on "Ship" or if not whether, etc. etc. see note on inside of cover.

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

Slight repairs to engines owing to  
wear & tear.

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or cause it to show through to the other side.

It is submitted that  
this vessel is eligible for  
THE RECORD + d. m. C. 4. 96.

A.S.  
25. 4. 96

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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