

No. 3404

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

MON. 26 AUG 1895

Date of writing Report *August 22nd 95* When handed in at Local Office *in* Port of *Hamburg*
 No. in Reg. Book. *31* Survey held at *Hamburg* Date, First Survey *August 19th* Last Survey *August 21st 1895*
on the Machinery of the *Wood, Iron or Steel* *St. 3 Met. St. Bakuin* Master *W. H. Field*
 Tonnage { Gross *1069* Vessel built at *W. Hartlepool* By whom *W. Gray & Co.* When *1886. 6.*
 Net *1093* Engines made at *W. H. Pl.* When *1886* Boilers, when made (Main) *1886* (Donkey) *1886*
 Registered Horse Power *213* Owners *Abraham Timp & Sons & (Lini) Port* *London* Voyage *S. Shields*
 No. of Main Boilers *2* If Surveyed Afloat or in Dry Dock *afloat*
 No. of Donkey Boilers *1* (State name of Dock.)
 Steam Pressure in Main Boilers *150 lbs.*
 in Donkey Boilers *90 lbs.*

Last Survey No. *Port* *Part of annual*
 Particulars of Examination and Repairs (if any) *survey of Boilers*

(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 summarized at the end of the report. State also the dates and initials of any letters respecting this case.)

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.	Machinery and Boiler Surveys (including date of N.B., if any).
<i>100 A 13 95</i> <i>Nº 2-94</i> <i>carrying Petroleum in bulk</i>	<i>LMC 894</i>

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *Yes*
 Do. " Donkey " *No.*
 If this was not done, state for what reasons? *The Donkey Boiler was too hot for internal inspection*
 And what parts of the Boilers could not be thus thoroughly examined? *Donkey Boiler inside*
 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.*
 At what pressure were they afterwards adjusted under steam? *150 lbs.*
 Did the Surveyor examine the Safety Valves of Donkey Boiler? *No.*
 To what pressure were they afterwards adjusted? *90 lbs.*
 If the Survey is not complete state what arrangements have been made for its completion? *Will be completed on the Tyne.*

I examined the main Boilers inside and outside and found them satisfactory with exception of 19 screw stays in Stb. Boiler and 38 screw stays in Port Boiler at sides and backs of combustion chambers, which are to be replaced by new ones. The deformation of the furnaces is apparently unchanged since last Survey, under steam I found the Boilers tight and adjusted the safety valves as above.

I examined the Donkey Boiler under steam, found it tight and the safety valves correctly adjusted.

The H. P. cylinder cover was found cracked round the flange and was temporarily secured for the voyage to the Tyne.

The Newcastle Surveyors have been advised that the Boiler Survey is to be completed, and a new cylinder cover is to be fitted at their Port.

For completion of B.S. remains, fitting of 57 screw stays to main Boilers, examination of Donkey Boiler inside and overhauling of safety valves of same.

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, B.S. 4.01, B.M.S. 4.01 or 4.1.M.C. 4.01, 140 lb., F.D., &c.)

With regard to the parts passed I beg to recommend that B.S. be entered in the Register Book, but that the case be deferred until a satisfactory Report has been received from the Newcastle Surveyors.

Office or Registration Fee (per Sec. 27) £ *10. 0*
 Survey Fee (per Section 28) £ *2. 2. 0*
 Special Damage Fee (per Section 28) £ *1. 1*
 Travelling Expenses (if chargeable) £ *1. 1*

Fees applied for
22/8 1895
22.12.0
 Received by me,
24/8 1895

*State if Certificate is required *No*

Committee's Minute *TUES. 27 AUG 1895*

Assigned *Deferred*

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

FRI. 1 NOV 1895

Sh. Riack



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Foundation