

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

(Received at London Office) JUN 1 MAY 1899

Date of writing Report 18 When handed in at Local Office 18 Port of Antwerp
 No. in Reg. Book 103 Survey held at Antwerp Date, First Survey April 15 Last Survey April 19 1898
 on the Machinery of the Wood, Iron and Steel s.s. Rederland Master Apfeld
 Tonnage Gross 2876 Net 2153 Vessel built at Newcastle By whom Palmer & Co When 1873-6
 Registered Horse Power 352 Engines made at Newcastle When 1873 Boilers, when made (Main) 1873 (Donkey)
 No. of Main Boilers 2 Owners Soc. Anon. Belg. Americaine Port Antwerp Voyage Philadelphia
 No. of Donkey Boilers 1 Surveyed Afloat on in Dry Dock Rhin Quai Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. 3965 Port Ant.
 Particulars of Examination and Repairs (if any) Part B.S.

CHARACTER of the Special Survey, Date of last Survey and of Periodical Survey.	Yearly or Special Survey	Machinery and Boiler Survey (including date of S.S., if any).
<u>100A1</u>		<u>MS 2.97</u>
<u>199</u>		<u>BS 2.98</u>

(Periodical Surveys, when held, must be reported in detail and variation in the terms of the Rules. State clearly the nature of Repairs, if any, made, 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 date 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?
 Do. " Donkey " " " " "

Yes
no

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? No To what pressure were they afterwards adjusted under steam? Previously adjusted

Did the Surveyor examine the Safety Valves of Donkey Boiler? No To what pressure were they afterwards adjusted under steam? No

Has the propeller shaft been drawn and examined at this time? No If spare propeller shaft fitted, state whether new? -

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

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Donkey Boiler & its safety valves to be examined & the latter adjusted under steam on the vessel's return.

Main Boilers & their Superheaters examined & caulked here & there where required, & put in good condition.

For previous portion of the Survey see Ant. ref. N° 3965

General Observations, Opinion, and Recommendation: This vessel's main

(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 pressure, &c.; thus, for example, R.S. 9.07, R.&N.S. 9.07 or Q.L.N.C. 9.07, 140 lb. P.D., &c.)
Boilers are now in good safe working condition & eligible, in my opinion, to remain as classed. I do have record of BS 4.99 when the Survey is completed.

Office or Registration Fee (per Sec. 27)	Survey Fee per Section 28	Special Damage Fee (per Section 28)	Travelling Expenses (if chargeable)	Fees applied for
<u>new note</u>	<u>5.5.0</u>			<u>11-4 1899</u>
				Received by me,
				<u>11-4 1899</u>

J. A. Ruck Keene
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

State if Certificate is required No
 Committee's Minute TUES. 2 MAY 1899
 Assigned Deferred TUES. 6 JUN 1899

P.S. due 2.99 to be completed on return.

Main Boilers examined.

It is submitted that this vessel WILL BE eligible for the record, B.S. 4. 99 when the survey books and the report notes have been examined and the latter approved under them.

A.C.H.
1.5.99.

P.S.—If this Report is copied by Copying Press, special 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.

OF THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

