

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

MUN. 23 JUN 1894

(Received at London Office)

Date of writing Report 18 _____ When handed in at Local Office 18 _____ Port of Glasgow

No. in Reg. Book. Survey held at Glasgow Date, First Survey 12th April Last Survey 14th April 1894

634 on the Machinery of the Wood, Iron or Steel P. P. Minerva Master Slack

Tonnage { Gross 878 Net 399 Vessel built at Newcastle By whom Palmer Bros & Co When 1862-1

Registered Horse Power 90 Engines made at Do When Emp 70 Boilers, when made (Main) 77 (Donkey) ✓

No. of Main Boilers ✓ Owners Palgrave & Murphree & Co Port London Voyage _____

Steam Pressure in Main Boilers 65 lbs If Surveyed Afloat or in Dry Dock Belvoirhaugh slip (State name of Dock.)

in Donkey Boiler ✓

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 Allowed to have expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>H 95-A1 2-93</u>		<u>LMC 4-92</u>
<u>ss nos 6, 88</u>		<u>BS 8-93</u>
<u>ss nos 1-92</u>		

Last Survey No. _____ Port _____

Particulars of Examination and Repairs (if any) Docking

(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? ✓
- Do. " Donkey " " " " " ✓
- 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? ✓
- At what pressure were they afterwards adjusted under steam? ✓
- Did the Surveyor examine the Safety Valves of Donkey Boiler? ✓
- To what pressure were they afterwards adjusted? ✓
- If the Survey is not complete state what arrangements have been made for its completion? ✓

When this vessel was on the above slip all sea cocks & connections were examined externally, the propeller shaft was drawn in & on examination found in good order the stern tube liner was found to be slack in tube, this bush has now been renewed & lined with lignum vitae, & the propeller refitted on shaft.

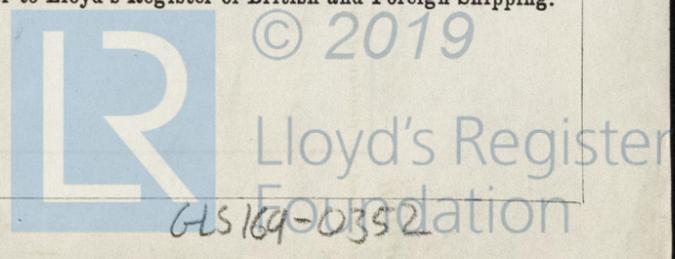
General Observations, Opinion, and Recommendation:— *As far as seen the machinery of this vessel is now in good order in our opinion eligible to remain as done without fresh record of survey*

Office or Registration Fee (per Sec. 27).....	£	:	:	Fees applied for	
Survey Fee (per Section 28).....	£	:	:		18
Special Damage Fee (per Section 28).....	£	:	:		
Travelling Expenses (if chargeable).....	£	:	:		
				Received by me,	
				<u>A. McHard</u>	
				Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.	

*State if Certificate is required _____

Committee's Minute TUES. 24 APR 1894

Assigned Deferred TUES. 23 JUN 1894



States if a Report is also now sent on the Ship (Yes) or if not abofter, and why, one will be sent.

14-LRPH-Form No. 9-Transfer Ink-5,600,12/10/93. *Certificate to be sent to (The Surveyors are requested not to write before the space for Committee's Minute.)

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

It is submitted that 12876 glos
this vessel is eligible to
remain AS CLASSED.

New stern tube liner fitted
and so wear & tear

J.P.P.

23-4-94

B. B. became due
last month. Surveyor
should state what
steps have been taken

J.P.P.

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.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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