

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

(Received at London Office. WED APL 1895)

Date of writing Report 2<sup>nd</sup> Apr. 1895 When handed in at Local Office 18 Port of Glasgow

No. in Reg. Book 547 Survey held at Glasgow Date, First Survey 22<sup>nd</sup> March Last Survey 30<sup>th</sup> Aug 1895

on the Machinery of the Wood, Iron or Steel S.S. Phillis Angel Master N. Tyson

Tonnage { Gross 2467 Net 1574 Vessel built at Grampian By whom Gray & Co. Yard Co When 1894. 7

Registered Horse Power 262 Engines made at Glasgow When '94 Boilers, when made (Main) '94 (Donkey) '94

No. of Main Boilers 2 Owners M. Angel Port Cardiff Voyage Black Sea

No. of Donkey Boilers 1 Steam Pressure in Main Boilers 160lb Surveyed Afloat or in Dry Dock Harbour

in Donkey Boilers 80lb (State name of Dock.)

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 expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>1-100 A 1</u> <u>10.94</u>		<u>1-100 LMC</u> <u>7.94</u>

Last Survey No. \_\_\_\_\_ Port \_\_\_\_\_

## Particulars of Examination and Repairs (if any)

(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?

At the request of the Owner attended on board this vessel and inspected the donkey boiler. On examination found the bottom of fire box buckled in line of fire, caused by sand and mud having accumulated in the water space. Recommended that the sand be taken out and the boiler properly cleaned and screwed stays fitted at the bulged parts. This has been done and the boiler was afterwards tested by hydraulic pressure and found tight. —

General Observations, Opinion, and Recommendation: — As far as seen from (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. 1,91, B.&M.S. 1,91 or L.M.C. 1,91, 1,92, &c.)

The above examination the vessel's machinery appears to be in good working order and is in my opinion eligible to remain as classed without fresh record of survey. —

	Fees applied for
Office or Registration Fee (per Sec. 27)..... £	18
Survey Fee (per Section 28)..... £	
Special Damage Fee (per Section 28)..... £	
Travelling Expenses (if chargeable)..... £	
	Received by me, 18

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

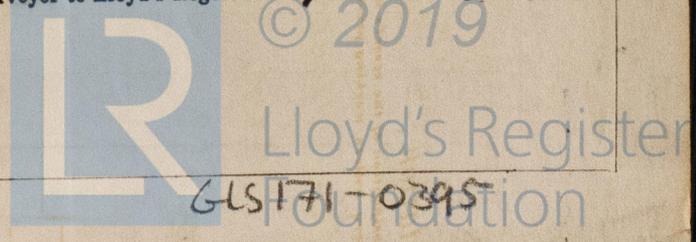
\*State if Certificate is required \_\_\_\_\_  
Committee's Minute FRI 5 APL 1895

Assigned as now

State if a Report is so now sent on the Ship or if not whether, and when, one will be sent.

16-LRPH—Form No. 9—Traverse Ink—4,000, 29/9/94. (The Surveyors are requested not to write on or below the space for Committee's Minute.)

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



on account of damage by  
dirt accumulation  
The Boiler - 1356890  
A moderate repair  
affixed to Donkey  
Boiler

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

A F F  
4-4-95

N.B.—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.



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General Observer  
Lloyd's Register  
LONDON

as it may appear and report may not be made  
under the provisions of the Act of 1876.