

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

No. 557418

Date of writing Report *May 4* 18 *94* When handed in at Local Office *Port of London*  
 No. in Reg. Book *1103* Survey held at *London* Date, First Survey *April 14* Last Survey *May 4 18 94*  
 on the Machinery of the *Wood, Iron or Steel* *S.S. SWAN* Master *Green*  
 Tonnage Gross *1231* Net *778* Vessel built at *Port Glasgow* By whom *Blackwood & Gordon* When *1880* YEAR. MONTH.  
 Registered Horse Power *110* Engines made at *Do.* When *1880* Boilers, when made (Main) *1880* (Donkey) *1880*  
 No. of Main Boilers *1* Owners *General Steam Nav. Co.* Port *London* Voyage *Hamburg*  
 Steam Pressure in Main Boilers *60 lbs.* If Surveyed Afloat or in Dry Dock *In river.*  
 in Donkey Boiler *50.* (State name of Dock.)

Last Survey No. *54810* Port *London*

## Particulars of Examination and Repairs (if any)

(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 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?

*Examined Main Boiler internally & externally.*

*Three patches in the Port furnace aft have been renewed & one patch in the Port furnace forward & one patch in the Starboard furnace forward have been securely rivetted on where cracked portions of the plates have been cut away & stays have been screwed into the patches & rivetted over to support the furnace plates where bulged.*

*The defective covering patches on the tube plates & an additional patch on a fresh crack in the Starboard Combustion Chamber has been fitted. Several defective screwed Combustion Chamber stays have been replaced by new ones of larger diameter.*

*The pressure has been reduced to 60 lbs. per sq. in., the original pressure was 70 lbs. per sq. in.*

General Observations, Opinion, and Recommendation:— *This vessels boiler is now in*

(State clearly what alteration, if any, is suggested to be made in the existing classification and notification of the vessel's machinery in the Register Book, consequent upon this survey: thus, for example, B.S. 9, 92, B.E.M.S. 9, 92 or L.M.C. 9, 92, as the case may be.)

*safe condition & in my opinion the vessel is eligible to remain as classed for an additional three months, at the end of which period a new boiler is to be fitted.*

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

Fees applied for

*7/51 1894*

Received by me,

*19/51 18 94*

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

\*State if Certificate is required

Committee's Minute

*TUES. 8 MAY 1894*

Assigned

*as now*

*subject*  
*to limit*  
*to pressure.*



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LON702-0077



It is submitted that  
this vessel is eligible to  
remain AS CLASSED- subject to a  
new Main Boiler being  
filled within 3 months

The pressure of the Main  
Boiler to be now recorded  
as 60 lbs

Several moderate  
repairs effected  
to Main Boiler

A. J. R.  
9-5-94

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.



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