

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

(Received at London Office) **SAT 12 NOV 1892**

Writing Report *Nov. 10th 1892* When handed in at Local Office *18* Port of *London*

Survey held at *London* Date, First Survey *Nov. 9th* Last Survey *✓ 1892*

on the Machinery of the *Wood, Iron or Steel* S.S. "*BILLOW*" Master *J. Batty*

Gross *1608* Vessel built at *Hartlepool* By whom *E. Withy & Co.* When *1881-8*

Engines made at *Hartlepool* When *1881* Boilers, when made (Main) *1881* (Donkey)

Owners *Swedish Match Co. 2 Corp* Port *London* Voyage *-*

Pressure *75 lbs.* If Surveyed Afloat or in Dry Dock *Afloat, Millwall St* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Survey No. *80* Port *SKM*

Particulars of Examination and Repairs (if any) *Compl. B.S.*

Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and being detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials of any letters respecting this case.

CHARACTER for Special Survey. Date of last Survey and of Periodical Surveys.	Years Allowed now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<i>100 A1</i>		<i>L.M.C.</i>
<i>10.92</i>		<i>11.89</i>
<i>S.S. off Nov. 3. 89</i>		<i>B.S. 1.92</i>

Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time?
 " Donkey " " "
 If not done, state for what reasons?
 What parts of the Boilers could not be thus thoroughly examined?
 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 Surveyor examine the Safety Valves of the Main Boiler?
 If pressure were they afterwards adjusted under steam?
 Did Surveyor examine the Safety Valves of Donkey Boiler?
 If pressure were they afterwards adjusted?
 If survey is not complete state what arrangements have been made for its completion?

not opened out

Boilers surveyed at Gyle and B.S. when recorded when all the safety valves have been adjusted under steam. Stockholm Report No. 80 B.

How done:-
The main Boiler examined under steam and its safety valve adjusted to blow off at 75 lbs. per sq. inch.
The Donkey Boiler also examined under steam - Safety valve loaded with dead-weight blow off at 48 lbs. per sq. inch.

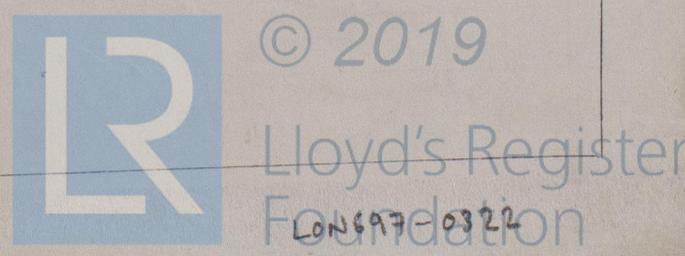
General Observations, Opinion, and Recommendation:— *All the safety valves have been adjusted under steam as required, and, I am of opinion that the Survey being satisfactorily completed, the vessel appears eligible to remain as classed & to have the record of **B.S. 10.92** noted in the Register Book as previously recommended.*

Fees applied for	Received by me,
Registration Fee (per Sec. 27) £ : : 18	
Survey Fee (per Section 28) £ : : 18	
Material Damage Fee (per Section 28) £ : : 18	
Selling Expenses (if chargeable) £ : : 18	

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

Committee's Minute
 Signed *BS 10.92*

FRI 18 NOV 1892



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.

*It is submitted that
this report is eligible for
the RECORD*
B.S. 10. 92
C.P.P.
15. 11. 92



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Foundation