

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

(Received at London Office SAT, SEP 26 1896)

Date of writing Report *24th Sept 1896* When handed in at Local Office 18. Port of *Glasgow*

No. in Reg. Book *357* Survey held at *Glasgow* Date, First Survey *4* Last Survey *23 Sept 1896*
on the *Machinery of the Wood, Iron or Steel* *S.S. Saxon* Master *W. Hulley*

Tonnage { Gross *1549* Net *997* Vessel built at *Whitby* By whom *Lumbell & Son* When *1881* Boilers, when made (Main) *1881* (Donkey) *1895*

Registered Horse Power *120* Engines made at *Stockton* Owners *MacLay & Mc Intyre* Port *Whitby* Voyage *Spain*

No. of Main Boilers *two* No. of Donkey Boilers *one* If Surveyed Afloat or in Dry Dock *Harbour* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Steam Pressure in Main Boilers *80lb.* in Donkey Boilers *90* Last Survey No. *32689* Port *Dwe* *Annual*

Particulars of Examination and Repairs (if any) *Boilers*

(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.)

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<i>+100A1</i>	<i>11-95</i>	<i>+L.M.C. 1-94</i>
<i>83-04 2-3, 1-94</i>		<i>B.S. 895</i>

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *Yes*

Do. " Donkey " " " *No*

If this was not done, state for what reasons? *No survey due*

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? *Yes*

At what pressure were they afterwards adjusted under steam? *Not adjusted*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *No*

To what pressure were they afterwards adjusted? *Not adjusted*

Has the propeller shaft been drawn and examined at this time? *No*

If the Survey is not complete state what arrangements have been made for its completion? *Main boiler safety valves to adjust, on vessels arrival in about one month's time.*

Main boilers examined and found in fair condition generally. The under sides of all the combustion chambers, are affected locally by pitting, but it is considered there is still a sufficient margin of strength at these parts, for a pressure of 80lb per sq inch. Two holes bored in the bottom comb^d chamber plate of the centre furnace of star boiler showed a thickness of $\frac{1}{4}$ " at the thinnest part. Patch on lower back end plate of shell of the port boiler caulked, and two bolts fitted.

General Observations, Opinion, and Recommendation:— *This vessels machinery, as far as seen, in my opinion, is in safe working condition, and eligible to have record B.S. 996 in the Register Book, on completion of survey.*

Office or Registration Fee (per Sec. 27)..... £ : :
 Survey Fee (per Section 28)..... £ *1, 10* : :
 Special Damage Fee (per Section 28)..... £ : :
 Travelling Expenses (if chargeable)..... £ : :
 Fees applied for *24/9 18 96*
 Received by me, *25/9 18 96*

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

Committee's Minute *TUES. SEP 29 1896*
Assigned *Deferred for compl. of B.S.*

TUES. 20 OCT 1896



No. 208.—24/9/96.—Transfer Ink. (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.