

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

(Received at London Office)

SAT. 1 JAN 1898

Date of writing Report 15 When handed in at Local Office 15 Part of Glasgow
 No. in Reg. Book 67 Survey held at Glasgow Date, First Survey 21st Decr 1897 Last Survey 30th Decr 1897
67 on the Machinery of the Wood, Iron or Steel S. S. Vascongada Master
 Tonnage Gross 1483 Net 922 Vessel built at Glasgow By whom Messrs A Stephen & Sons When 1887 YEAR. MONTH. 9
 Registered Horse Power 145 Engines made at Glasgow When 1887 Boilers, when made (Main) 1887 (Donkey) 1887
 No. of Main Boilers One Owners Messrs Ferguson & Reid Port Glasgow Voyage Bilbao
 No. of Donkey Boilers One If Surveyed Afloat or in Dry Dock Afloat
 Steam Pressure in Main Boilers 160 (State name of Dock.) River Clyde
 in Donkey Boilers 60

Last Survey No. 14743 Port GLS
 Particulars of Examination and Repairs (if any) Annual B.S.

(Periodical Surveys, when held, must be reported in detail and serialim 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 for survey.	Machinery and Boiler Surveys (including date of N.B., if any).
* 100 A.1.		* LMC. 10.95
10.96		B.S. 10.96.
S.S. GLS N: 2.95		

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes
 Do. " Donkey " " " Yes
 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? yes At what pressure were they afterwards adjusted under steam? Not adjusted
 Did the Surveyor examine the Safety Valves of Donkey Boiler? yes To what pressure were they afterwards adjusted? 60 lbs.
 Has the propeller shaft been drawn and examined at this time? - If spare propeller shaft fitted, state whether new? -
 If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? The Main Boiler Safety valves, have to be adjusted under steam.

Examined Main Boiler internally and externally, found the two wing furnaces out of the true circle; the port furnace showed a maximum difference across diameters of 2 3/8"; the Starboard furnace a difference of 1 1/4". These furnaces have now, been hydraulic jacked - as nearly as possible circular, and the boiler tested by hydraulic pressure to 240 lbs, when the furnaces were gauged and no alteration of form was perceptible. The furnaces in question are Fox's Donkey Boiler examined in all its parts, found uptake slightly out of the true circle, at the waterline, and also a slight lamination in uptake, neither of these, however in my opinion affecting the efficiency of the boiler. The above work was satisfactorily carried out by Messrs J.W. Henderson.

General Observations, Opinion, and Recommendation:— The machinery of this vessel as far as seen is in a good and efficient condition and in our opinion eligible to remain as classed and to have record B.S. 12.97 marked in the register book, when the survey has been completed.

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 31/12/1897
 Received by me, 31/12/1897
A. Heron James Morrison
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

State if Certificate is required
 Committee's Minute TUES. 4 JAN 1898 TUES. 15 MAR 1898
 Assigned Deferred for compl. of B.S. 12.97
 Deferred for compl. of B.S. 12.97
 State if Certificate is required
 THUR, 7 APR 1898
 Lloyd's Register Foundation
 GLS179013DN

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

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

*Certificate to be sent to

2608-27,1797.-5,000.-Transfer Ink.

B.1. due 10, 97 completion not stated.

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 wing funnels of train Boiler fired

It is submitted that this vessel WILL BE eligible for the record.

B.1. 1297 when the train

Boiler safety valves have been adjusted under steam

11/98

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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