

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

(Received at London Office SAT, SEP 26 1896)

Date of writing Report 24<sup>th</sup> 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 Saxon Master Mr. Hulley

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

Registered Horse Power 120 Engines made at Stockton Owners MacLure & McIndry Port Whitby Voyage Spain

No. of Main Boilers two If Surveyed Afloat or in Dry Dock Harbour (State name of Dock.)

No. of Donkey Boilers one Steam Pressure in Main Boilers 80 lb. in Donkey Boilers 90

Last Survey No. 32689 Port Glasgow Particulars of Examination and Repairs (if any) Annual Boiler

CHARACTER.		Years Assigned	Machinery and Boiler Surveys
X for Special Survey.		Assigned	(including date of N.B., if any).
Date of last Survey and of Periodical Surveys.			
+100A1			+L.M.C. 1-94
11-95			B.S. 895
83-04-23, 1-94			

(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?

Has the propeller shaft been drawn and examined at this time?

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 80 lb. per sq. inch. Two holes bored in the bottom comb<sup>d</sup> chamber plate of the centre furnace of star boiler showed a thickness of  $\frac{1}{2}$ " 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

(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. 9,95, B.&M.S. 9,95 or L.M.C. 9,95, 140 lb., F.D., &c.)

as seen, in my opinion, is in safe working condition, and eligible to have record B.S. 9-96 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. Baveridge  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

State if Certificate is required  
Committee's Minute TUES. SEP 29 1896

TUES. 20 OCT 1896

Assigned Deferred for  
completion of B.S.

Lloyd's Register Foundation

665175-0360