No. 12840

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

(Received at London Office FRI 13 APL 1894)

Date of writing Report ..... 18 ..... When handed in at Local Office ..... 18 ..... Port of Glasgow

No. in Reg. Book. 1072 Survey held at Troon Date, First Survey 12th March Last Survey 29th March 1894 (No. of Visits 4)

on the Machinery of the Wood, Iron or Steel S.S. Susannah Kelly Master R. Bryant

Tonnage { Gross 283 / Net 91 } Registered Horse Power 48

Vessel built at Belfast By whom M'Ilwaine & McCall When 1890 (Year 1890, Month 10)

Engines made at Belfast When 1890 Boilers, when made (Main) 1890 (Donkey) none

No. of Main Boilers one Owners J. Kelly Port Belfast Voyage Belfast

Steam Pressure—Main Boilers 160 If Surveyed Afloat or in Dry Dock Chelsea Dry Dk (State name of Dock.)

Donkey Boiler none

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. ✠ for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+ 100 A 1. 1.94		+ L. M. C 11.90

Last Survey No. ..... Port ..... Damage &

Particulars of Examination and Repairs (if any) S.S. No 1.

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.

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? yes & found it satisfactory

Do. " Donkey " " " none

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 & found them satisfactory

At what pressure were they afterwards adjusted under steam? 160 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? none

To what pressure were they afterwards adjusted? —

If the Survey is not complete state what arrangements have been made for its completion? —

On account of damage all parts of the engines were opened out. The tailshaft drawn & tried in the lathe and the boiler tested to 245 lbs.

Examined the bearings & connections & found them good. New lignum vitae has been fitted in the stern tube, the tailshaft has been straightened and new liners fitted & the stuffing replaced in line. Four new propeller blades have been fitted.

Examined the crankshaft, cylinders slide valves & pumps & found them good.

Several stays in the boiler leaked during the hydraulic test. Two of these have been renewed and the rest caulked and fitted with new nuts. Most of the tubes have been expanded.

General Observations, Opinion, and Recommendation:— The machinery of this vessel is now in a safe working condition and eligible in our opinion for the record + L. M. C. 4.94.

(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.&M.S. 9,92 or ✠L.M.C. 9,92, as the case may be.)

Office or Registration Fee (per Sec. 27)	£ : :	Fees applied for 6/4/1894
Survey Fee (per Section 28)	£ 2 : 10 : "	
Special Damage Fee (per Section 28)	£ 2 : 2 : "	Received by me, 9/4/1894
Travelling Expenses (if chargeable)	£ 1 : 8 : 6	

*State if Certificate is required

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

John Sanderson

Committee's Minute FRI 13 APL 1894

Assigned + L M C 4.94

GLS169-0298

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

(The Surveyor is requested to state whether or not the space is required.)

16—LRPB—For

19840 gf

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.

On age of damage the screw shaft has been straightened & 4 new propeller blades fitted

It is submitted that this vessel is eligible for THE RECORD ~~& LMC~~ 4,94

I TM
12/4/94