

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

(Received at London Office

22 NOV 93

Date of writing Report *Nov 20 1893* When handed in at Local Office *Nov 20 1893* Port of *Aberdeen*

No. in Reg. Book. *50* Survey held at *Aberdeen* Date, First Survey *Nov. 6* Last Survey *Nov 20 1893*

on the Machinery of the *Wood, Iron or Steel* *S.S. Saint Blair* Master *R. H. H. H.*

Tonnage { Gross *567* Net *300* Vessel built at *Glasgow* By whom *Randolph Elder & Co* When *1868* MONTH *2*

Registered Horse Power *180* Engines made at *Glasgow* When *1868* Boilers, when made (Main) *1885* (Donkey) *-*

No. of Main Boilers *1* Owners *N. of Scotland. W. & A. S. S. Co. Port Aberdeen* Voyage *Coasting*

Steam Pressure in Main Boilers *60* If Surveyed Afloat or in Dry Dock *Abn dry dock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. _____ Port _____

Particulars of Examination and Repairs (if any)

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).
*A 1. 11. 92		L In 2 2 89
S.S. Lth 403, 2, 85		H N 13 2 85
S.S. Abn 401. 89		B.S. 11. 92

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? *60 lbs*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *Yes*

To what pressure were they afterwards adjusted? *45 lbs*

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

Special Survey No 2

The vessel placed in the above dry dock the propellers, sea cocks, and fastenings examined; the tail shaft drawn in, and found slightly corroded at ends of liners.

The whole of the engines and boilers opened up and the cylinders, pistons, slide valves, condenser, journals, crank shaft, and intermediate shafting examined. The condenser tubes drawn, the condenser cleaned, and twenty five fitted tubes renewed. The main exhaust pipe worn thin a new one has therefore been fitted. Three patches riveted on the bottom of donkey boiler firebox

General Observations, Opinion, and Recommendation:—

(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 X.L.M.C. 9, 92, as the case may be.)

The engines and boilers of this vessel are now in good working order and eligible in my opinion to receive the notification of L In 2 11. 93.

in the Register Book

Office or Registration Fee (per Sec. 27).....	£ : :	Fees applied for
Survey Fee (per Section 28).....	£ 4 : 10 :	<i>Nov 18 1893</i>
Special Damage Fee (per Section 28).....	£ : :	<i>S. L. H.</i>
Travelling Expenses (if chargeable).....	£ : :	Received by me, <i>G. W. S. Hindmarsh</i>

23/11/93 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

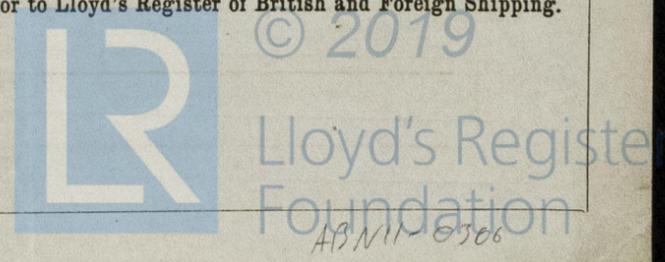
*State if Certificate is required _____

Committee's Minute *FRI 24 NOV 1893*

Assigned *L Mc 11, 93*

16-LRPH-Form No. 9—Transit Ink—10,000, 20/1/93. (The Surveyors are requested not to write on or below the space for Committee's Minute.) *Certificate to be sent to

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



It is submitted that
this vessel is eligible for
THE RECORD L.M.C. 11.93

4679 AB

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 account of wear & tear
a new main exhaust pipe
has been fitted to the
engines & other minor
repairs done to the
machinery & dandy
hoist —

Bob

22/10/93 —



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