

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

SAI. 25 MAR 1893

(Received at London Office)

Date of writing Report Mar 24 1893 When handed in at Local Office Mar 24 1893 Port of Aberdeen

No. in Reg. Book. 606 Survey held at Aberdeen Date, First Survey Mar 15 Last Survey Mar 24 1893  
 on the Machinery of the Wood, Iron or Steel S.S. "Orion" Master W. H. D. D. D.  
 (No. of Visits 5)

Tonnage { Gross 1107 Vessel built at Campbeltown By whom Campbeltown S. B. Co. When 1891 5  
 Net 700

Registered Horse Power 98 Engines made at Greenock When 1891 Boilers, when made (Main) 1891 (Donkey) 1891

No. of Main Boilers 1 Owners R. B. Fenwick & J. Reay Port Newcastle Voyage Dublin

Steam Pressure in Main Boilers 160 If Surveyed Afloat or in Dry Dock Afloat  
 in Donkey Boiler 80 (State name of Dock.) Afloat

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 Allowed to elapse.	Machinery and Boiler surveys (including date of N.B., if any).
<u>100 A. 6.92</u>		<u>L M C 5.91</u>

Last Survey No. \_\_\_\_\_ Port \_\_\_\_\_  
 Particulars of Examination and Repairs (if any)

(Periodical Surveys, when held, must be reported in detail and scriptum 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? No

Do. " Donkey " " " " No

If this was not done, state for what reasons? Not done

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? No

At what pressure were they afterwards adjusted under steam? -

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

To what pressure were they afterwards adjusted? -

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

## Damage Repairs

This vessel having broken her tunnel shaft, on the 13<sup>th</sup> inst was towed into Aberdeen for repairs.

One length of tunnel chapping found broken, and also one cast iron carriage for tunnel bearing.

The vessel has been placed in the above dry dock, the tail shaft drawn in, and afterwards placed in the lathe with one length of tunnel chapping, but both found to be true; neither of them having suffered from the accident.

The tip of one propeller blade broken, a new propeller has been fitted; also one new length of chapping. The holes in the couplings have been phymed out, and the bolts refitted. A new cast iron carriage fitted; together with new holding down bolts for the same.

## 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. 0,02, B.&M.S. 0,02 or L.M.C. 0,02, as the case may be.)

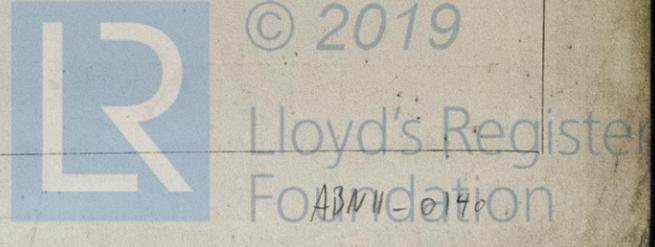
The engines and boilers of this vessel so far as seen are in good and efficient condition and eligible in my opinion to remain as classed but with no fresh record of survey.

Office or Registration Fee (per Sec. 27).....	£	:	:
Survey Fee (per Section 28).....	£	3	3
Special Damage Fee (per Section 28).....	£	:	:
Travelling Expenses (if chargeable).....	£	:	:

Fees applied for  
Mar 24 1893  
464  
 Received by me,  
31 MAY 93

J. L. Hindmarsh  
 1893  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

\*State if Certificate is required \_\_\_\_\_  
 Committee's Minute TUES. 28 MAR 1893  
 Assigned As now



State if a Report is also sent on the Ship or if not whether, and when, one will be sent.

\*Certificates to be sent to \_\_\_\_\_

Lloyd's Register of British and Foreign Shipping

It is submitted that  
this vessel is eligible to  
remain AS CLASSED.

4528 ABN

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 damage through  
the breaking of a length  
of tunnel shafting, the  
shafting has been  
overhauled in a new  
length of tunnel shafting  
one to hammer block  
& a new propeller  
fitted -  
25/3/93 -



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Foundation

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.