

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

WED. 15 JUL 1908

(Received at London Office)

Date of writing Report \_\_\_\_\_ When handed in at Local Office \_\_\_\_\_ Port of Dundee

No. in Reg. Book 57 Survey held at Dundee Date, First Survey 15<sup>th</sup> June Last Survey 11<sup>th</sup> July 1908  
 (No. of Visits) 12

on the Machinery of the Wood, Iron or Steel S.S. ABERCRAIG Master Stephen

Tonnage Gross 433 Vessel built at Dundee By whom Dundee M.B. Coy When 1902-4  
 Net 162 Engines made at Leith By whom J. Cran & Co When 1902

Registered Horse Power 68 Boilers, when made (Main) 1902 (Donkey) 1908

No. of Main Boilers 1 Owners Balgay Shipping Co Ltd Port Dundee Voyage Roya

No. of Donkey Boilers 1 Steam Pressure in Main Boilers 180 lb if Surveyed Afloat or in Dry Dock Leith Dry Dock  
 in Donkey Boilers 100 (State name of Dock.)

Last Survey No. 6034 Port Leith Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

| (CHARACTER, &c. for Special Survey, Date of last Survey and of Periodical Surveys.) | Years since last Survey | Machinery and Boiler Surveys (including date of N.B., if any). |
|---|-------------------------|--|
| <u>100A1</u>  | <u>12.07</u>            | <u>L.M.C.</u>  |
| <u>S.S. 900 2-1-06</u>  |                         | <u>MS-2.07</u>   |
|   |                         | <u>BS-10.06</u>  |

Particulars of Examination and Repairs (if any) B.S. and New Donkey Bl

(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 summarized at the end of the report. State also the dates and initials of any letters respecting this case.)

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined? not required also whether any damage report was made, and, if so, by whom? yes, Underwriters Surveyor

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 To what pressure were they afterwards adjusted under steam? 185 lb

Did the Surveyor examine the Safety Valves of Donkey Boiler? yes To what pressure were they afterwards adjusted under steam? 102 lb

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? yes, and of the Donkey Boiler? yes

Did the Surveyor examine the drain plugs of the Main Boilers? yes, and of the Donkey Boiler? none

Did the Surveyor examine all the mountings of the Main Boilers? yes, and of the Donkey Boiler? yes

Has screw shaft now been drawn and examined? no Is it fitted with continuous liner? ✓ or two liners? ✓ or is it without liners? ✓

Has shaft now been changed? no If so, state reasons ✓

Is the shaft now fitted new? ✓ Has it a continuous liner? ✓ or two liners? ✓ or is it without liners? ✓

State the distance between lignum vitæ of stern bush and top of after bearing of screw shaft? not seen (Tail shaft seen 9.07)

If the Survey is not complete state what arrangements have been made for its completion and what remains to be done? Survey complete

Examined main boiler inside and outside also mountings of same and found all satisfactory. Safety valve of main boiler adjusted as above.

Examined donkey boiler and found the fire-box plating badly buckled and distorted. This was stated to have been discovered while the vessel lay in Dublin Harbour on the 23<sup>rd</sup> May 1908, and was due to excess of salt in the boiler.

Recommended a new donkey boiler to be fitted. A new donkey boiler (No 7496) made by Messrs Cochran & Co, Arnan Ltd, the particulars of which are given on Glasgow report No 26764, has now been satisfactorily fitted, mounted, safety valve adjusted and boiler examined under steam.

Boiler casing top plate removed to ship new boiler satisfactorily replaced.

General Observations, Opinion, and Recommendation:— The boilers of this vessel are now in a good and safe working condition and eligible in my opinion to remain as classed and to have the records of BS-7.08 & NDB-08 in the Register Book

(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. 9.07, B.&F.S. 9.07, or L.B.C. 9.07, 140 lb., &c.)

Survey Fee (per Section 28) £ 1.10.0 Fees applied for 14/7/08

Special Damage or Repair Fee (if any) £ 3.0

Travelling Expenses (if chargeable) £ 1.7.0 Received by me Wm Morrison

Committee's Minute AUG 21 1111 1908

Assigned BS 7.08  
RD 13.08



Has a Survey also been held on this 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.

Is a Certificate required? If so, to be sent to

B.S. due 10.07 now held, a new  
donkey boiler has been fitted.

P.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 to cause it to show through to the other side.

It is submitted that  
this vessel is eligible for  
**THE RECORD BS 7.08.**  
**NDB. 08.**

Note! Donkey boiler pressure  
100 lb.

JWR  
16/7/08

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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No. in  
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