

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

No. 1817/1.

Date of writing Report 13. 10. 22 When handed in at Local Office 13. 10. 22 Port of Aberdeen  
 No. in Reg. Book. Survey held at Aberdeen Date, First Survey 6. 10. 22 Last Survey 11. 10. 1922.  
 70483. on the Machinery of the ~~Wood, Iron or Steel~~ <sup>COMPOSITE</sup> "PORTLETHEN" (No. of Visits 3)

Tonnage { Gross 146.  
 Net 57.  
 Registered Horse Power 28.  
 No. of Main Boilers 1.  
 No. of Donkey Boilers 1.  
 Steam Pressure in Main Boilers 150 lbs.  
 in Donkey Boilers 1.  
 Vessel built at Dundee By whom Dundee S.B. Co. Ltd. When 1903. 1.  
 Engines made at Aberdeen By whom J. Abernethy & Co. (Donkey) When 1908.  
 Boilers, when made (Main) 1908.  
 Owners Aberdeen Lime Co. Ltd. Port Aberdeen Voyage Coasting.  
 If Surveyed Afloat or in Dry Dock Lewis & Sons Slip, Forryback Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Report No. Port  
 Particulars of Examination and Repairs (if any) Docking T.S. & B.S.

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.

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? ☒ Was a damage report made by anyone else? If so, by whom? ☒

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? ☒ Yes

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? ☒ Yes

To what pressure were they afterwards adjusted under steam? 152 lbs.

Did the Surveyor examine the Safety Valves of Donkey Boiler? ☒

To what pressure were they afterwards adjusted under steam? ☒

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? ☒ Yes

, and of the Donkey Boiler? ☒

Did the Surveyor examine the drain plugs of the Main Boilers? ☒ None

, and of the Donkey Boiler? ☒

Did the Surveyor examine all the mountings of the Main Boilers? ☒ Yes

, and of the Donkey Boiler? ☒

Has screw shaft now been drawn and examined? ☒ Yes Is it fitted with continuous liner? ☒ Yes

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ☒

Has shaft now been changed? ☒ No If so, state reasons ☒

Has the shaft now fitted new? ☒ Has it a continuous liner? ☒

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ☒

State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? 3' bare

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

Vessel placed on Slipway. Tailshaft drawn & with propeller, sternbrass & fastenings of sea cocks examined, and all found in good order.

Boiler opened cleaned & examined internally and externally, with its doors, safety valves, and other mountings, and found throughout in good order. Safety valves adjusted under steam as above.

General Observations, Opinion, and Recommendation:— This machinery as far as now

(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. 9.11, B.&M.S. 9.11, or L.M.C. 9.11, 140 lb., F.D., &c.)

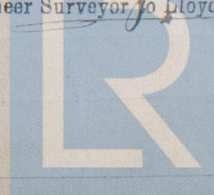
seen, is in good and safe working condition and in my opinion eligible to remain as classed with record of survey BS. 10.22 and entry "Tail shaft seen 10.22."

Survey Fee (per Section 28) £ 2 : 0 : 0 Fees applied for 13. 10. 1922.  
 Special Damage or Repair Fee (if any) £ : : :  
 Travelling Expenses (if chargeable) £ : : :  
 Received by me, 13. 10. 1922.

Committee's Minute FRI. OCT. 20 1922

Assigned BS 10.22.

Ridley Maxwell  
 Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register  
 Foundation

W698-0127

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

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



*B.S. due 10.22 now held &  
Screw shaft. etc examined.*

*It is submitted that  
this vessel is eligible for  
THE RECORD. BS 10.22.*

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 to cause it to show through to the other side.

*S 10.22.*

*10/10/22*

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