

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

(Received at London Office)

JUL 12 1939

Date of writing Report 19 When handed in at Local Office 10: 7: 39 Port of Glasgow
No. in Survey held at Glasgow Date, First Survey 20.6.39 Last Survey 7. 7. 1939
g. Book, 755 on the Machinery of the Wood, Iron or Steel S.S. BLAIR LOGIE (No. of Visits 4)

Gross 4425 Vessel built at Stocton By whom Craig Taylor & Co. Ld. When 1919-10
Net 2662 Engines made at Stocton By whom Blair & Co. (1926) Ld. When 1929
Nominal 373 Boilers, when made (Main) 1929 (Donkey) 1929
Horse Power of Main Boilers 2 Owners Clydebank Harb. Co. Ld. Owners' Address
of Donkey Boilers 1 Managers F. Hisset & Co Port Glasgow Voyage
Main Pressure 180 If Surveyed Afloat or in Dry Dock Rotherham Dock
Main Boilers 100 (State name of Dock.)

1st Report No. 22042 Port SWS

Particulars of Examination and Repairs (if any) part B.S.

Periodical surveys, when held, must be reported in detail and verbatim in the terms of the Rules. State clearly the nature 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 details 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.

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?

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

Was not done, state for what reasons?

What parts of the Boilers could not be thus thoroughly examined?

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?

Latest date of internal examination of each boiler Main Boilers 20/6/39 Donkey 3/7/39 Present condition of funnel(s) satisfactory

Did the Surveyor examine the Safety Valves of the Main Boiler? yes To what pressure were they afterwards adjusted under steam? 180 lbs.

Did the Surveyor examine the Safety Valves of Donkey Boiler? yes 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 Boilers? yes

Did the Surveyor examine the drain plugs of the Main Boilers? no and of the Donkey Boilers? no

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

Has screw shaft now been drawn and examined? no Is it fitted with continuous liner? 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 it a continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

Has the shaft now fitted been previously used? Has it a continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

Date of examination of Screw Shaft State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft Is electric light and/or power fitted?

Engine parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted?

Did the Surveyor examine the generators, motors, switchgear, cables and fuses?

Has insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms?

Survey is not complete, state what arrangements have been made for its completion and what remains to be done. To complete the survey the Safety Valves of the Donkey Boilers remain to be adjusted under steam.

Done:- The Main Boilers and the Donkey Boiler were examined internally and externally together with their mountings and fastenings. Five manholes were built up by electric welding, and minor repairs carried out. The Main Boilers were examined under steam and the safety valves floated at above pressure.

General Observations, Opinion, and Recommendation:- The machinery of this vessel is in efficient condition and eligible in my opinion to remain as classed and to have fresh record B.S. 7.39 on completion of survey as above.

Fee (per Section 29) £ 14 : - - Fees applied for 19
Damage or Repair Fee (if any) £ : :
Expenses (if chargeable) £ : :
Received by me, 14/10/39 R. B. 12/10

Committee's Minute GLASGOW 11 JUL 1939 James Crawford Engineer Surveyor to Lloyd's Register of Shipping.

Assigned Surveyor for comp. B.S.

W498-0157

Notes part 138.

June
13. 7. 39



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