

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

No. 19952.

(Received at London Office 24 OCT 1939)

Date of writing Report 23-10-1939 When handed in at Local Office 23-10-1939 Port of Leith

No. in Reg. Book 29396 Survey held at Leith Date, First Survey 17-10-39 Last Survey 19-10-1939
 on the Machinery of the ~~Wood, Iron or Steel~~ "MARWICK HEAD" (No. of Visits 3)

Tonnage { Gross 496 Vessel built at Southampton By whom Jay, Summers & Co. Ltd. Year. Month. 1920-12
 Net 216 Engines made at Glasgow By whom W. Beardmore & Co. Ltd. When 1920
 Nominal Horse Power 61 Boilers, when made (Main) 1920 (Donkey) -
 No. of Main Boilers 1 S.B. Owners A. F. Henry & MacGregor, Ltd. Owners' Address (if not already recorded in Appendix to Register Book.)
 No. of Donkey Boilers - Managers - Port Leith Voyage -
 Steam Pressure in Main Boilers 180 lbs. # Surveyed Afloat or in Dry Dock Commercial (State name of Dock.)

Last Report No. _____ Port _____

Particulars of Examination and Repairs (if any) Hoisting & Part B.S.

(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.)

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

" " " 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? -

State latest date of internal examination of each boiler 18-10-39

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? Good

Did the Surveyor examine the Safety Valves of Donkey Boiler? - To what pressure were they afterwards adjusted under steam? Not adjusted

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

Did the Surveyor examine the drain plugs of the Main Boilers? - and of the Donkey Boilers? -

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

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? - If so, state reasons -

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? -

State 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 1/8" Bare

Engine parts, when referred to by numbers, should be counted from forward.

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? -

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

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done To complete the survey for B.S. 10-39

The safety valves require to be adjusted under steam. This it was stated will be done at the first convenient opportunity.

Now done: Vessel placed in dry dock, the propeller, outer ends of stern bush and the outside fastenings examined.

The boiler examined internally and externally with mountings, doors etc and found on placed in a safe working condition.

All plain tubes have been renewed and the mountings overhauled.

A new funnel has been fitted.

General Observations, Opinion, and Recommendation: The machinery of this vessel is now so far

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery, boilers, working pressures, &c.; thus, for example, B.S. 9, 11, E.C.M.S. 9, 11, & L.M.C. 9, 11, or 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, E.C.M.S. 9, 11, & L.M.C. 9, 11, or L.M.C. 140 lb., F.D., &c.)

seen in a safe working condition and eligible, in my opinion, to remain as classed with the record of B.S. 10-39 when the survey is completed as above.

Survey Fee (per Section 29) B.S. £ 2 0 0 Fees applied for 23-10-1939

Special Damage or Repair Fee (if any) (per Section 29.) £ -

Travelling expenses (if chargeable) £ - Received by me, J. H. Campbell 19 2020

Committee's Minute _____

Assigned Deferred

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).
<u>* 100A1.</u>	<u>10, 38</u>	<u>* L.M.C. 8-37</u>
<u>SS. L.H. N° 3-</u>	<u>3, 33</u>	<u>B.S. 10-38</u>
<u>SS. L.H. N° 1-</u>	<u>37</u>	<u>T.S.C.L. 10-38</u>

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Present condition of funnel Good
 To what pressure were they afterwards adjusted under steam? Not adjusted
 and of the Donkey Boilers? -
 and of the Donkey Boilers? -
 and of the Donkey Boilers? -
 Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? -
 Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? -
 Is electric light and/or power fitted? -

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

RETAINED

J. H. Campbell 2020
 Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation

W429-0101