

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

(Received at London Office 173 MAR 1945 - JAN 1945)

Date of writing Report **Dec. 6,** 19 **44** When handed in at Local Office..... 19 **Port of Boston, Massachusetts**
 No. in Survey held at **Boston, Mass.** Date, First Survey **Nov. 18,** Last Survey **November 28, 19 44**
 Reg. Book **76986** on the Machinery of the ~~Vessel~~ **Steel S.S. "Hopestar"** (No. of Visits **4**)

Tonnage { Gross **5267** Vessel built at **Newcastle** By whom **Richardson, Ld.** Year. Month.
 Net **3192** Engines made at **Wallsend** By whom **Swan, Hunter & Wigham** When **1936 2**
 Nominal Horse Power **400** Boilers, when made (Main) **1936** By whom **Parsons Marine Steam Turbine Co. Ld.** When **1936 2**
 No. of Main Boilers **2 SB** Owners **Wallsend Shipping Co. Ld.** (Donkey)
 No. of Donkey Boilers **(Spt)** Owners' Address.....
 Steam Pressure in Main Boilers **285 lbs.** Managers **Stott, Mann & Fleming Ld., Mgrs.** Port **Newcastle** Voyage **U.K.**
 in Donkey Boilers **(Spt 120 lbs.)** If Surveyed Afloat on ~~Vessel~~ **Yes** Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
 (State name of Dock.) **B&M Coal Pier & Wiggins Terminal, Charlestown, Mass.**

Last Report No. **Port** **Terminal, Charlestown, Mass.**
Particulars of Examination and Repairs (if any)
 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. **Copy attached.**

CHARACTER * for Special Survey Date of last Survey and of Periodical Surveys.	Year issued now expired.	Machinery and Boiler Surveys (including date of N.B., if any)
100A1 with freeboard 9.44 SS Nwc.No.1-41		IMC 8.41 BS 9.44 + CL 7.41

Was a damage report made by anyone else? If so, by whom? **Yes**
 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. Present condition of funnel **Good**
 Did the Surveyor examine the Safety Valves of the Main Boiler? To what pressure were they afterwards adjusted under steam?
 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? 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? and of the Donkey Boilers?
 Has screw shaft now been drawn and examined? 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.
 Engine parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted? **Yes**
 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. **SURVEY HELD ON ACCOUNT OF shortage of water in Port Main Boiler, on November 18, 1944 at Boston, Mass.**
PORT BOILER: Several tubes, staybolts, seams and rivets in three combustion chambers leaking.
NOW DONE: Approximately 300 tubes rolled, 43 staybolts/nuts removed, bolts caulked and nuts replaced or renewed. Wrapper sheet seams caulked. Boiler tested with water to a pressure of 180 lbs. per square inch, and proven tight. The boiler was examined internally on completion of repairs and there was no apparent damage. For further particulars see Boston Damage Report 816 attached.

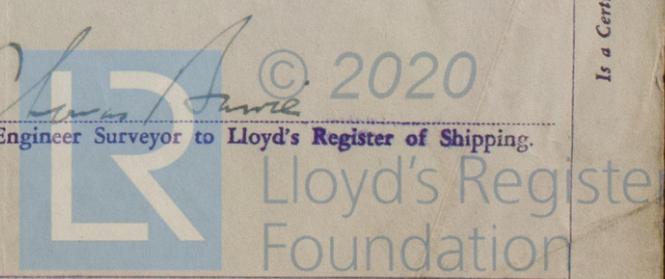
SRL 56 Ms ptly hd.
General Observations, Opinion, and Recommendation:— The Port Main Boiler of this vessel is in good and safe working condition and in the opinion of the undersigned eligible to be retained as now Classed in the Register Book, without fresh record.
 (State clearly what alteration, if 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, *L.M.C. 9.11, or *L.M.C. 140 lb., F.D., &c.)
 *L.M.C. CS 3,34

Survey Fee (per Section 29) £ : : Fees applied for
 Special Damage or Repair Fee (if any) £ **100.00** **6-12 19 44**
 (per Section 29.)
 Travelling expenses (if chargeable) £ : **4.00** Received by me,
 19

Phyllis A. Smith
 Engineer Surveyor to Lloyd's Register of Shipping.

NEW YORK DEC 13 1944

Committee's Minute
 Assigned **As now**



THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

Insert Character of Ship and Machinery precisely as in the Register Book

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

noted
Kell
8/1/45

100.00 C-13

non classed in the register book, without their consent.

Good and safe making condition and in the opinion of the undersigned eligible to be retained as

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and there are no other rollers. For further particulars see Boston Herald Boston Herald
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