

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

(Received at London Office.)

16 JUL 1941

Date of writing Report May 20 1941 When handed in at Local Office May 20 1941 Port of New YorkNo. in Survey held at Hoboken, N. J. Date, First Survey May 6 Last Survey May 15 19411222 on the Machinery of the Wood, Iron or Steel S. S. British Captain (No. of Visits 7)Gross 6968 Vessel built at Newcastle By whom Palmers & Co. Ltd. When 1923 20Net 4073 Engines made at Newcastle By whom Palmers & Co. Ltd. When 1921 22Nominal 654 Boilers, when made (Main) 1927 3 (Donkey) 1927 3of Main Boilers 3 Owners British Tanker Co. Ltd. Owners' Address Londonof Donkey Boilers 1 Managers Both Port London Voyage Steam Pressure 200 If Surveyed Afloat or in Dry Dock Both (State name of Dock.) Hutchinson and LangDonkey Boilers 120 Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).Last Report No. Port Particulars of Examination and Repairs (if any) Repairs

Periodical Surveys, when held, must be reported in detail and seriation 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 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

as 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 " " " yesthis was not done, state for what reasons? and what parts of the Boilers could not be thus thoroughly examined? so 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 May 15, 1941Did the Surveyor examine the Safety Valves of the Main Boiler? yes To what pressure were they afterwards adjusted under steam? 200Did the Surveyor examine the Safety Valves of Donkey Boiler? yes To what pressure were they afterwards adjusted under steam? 120Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? yes , and of the Donkey Boilers? yesDid the Surveyor examine the drain plugs of the Main Boilers? yes , and of the Donkey Boilers? yesDid the Surveyor examine all the mountings of the Main Boilers? yes , and of the Donkey Boilers? yesIs 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? yesIs shaft now been changed? yes If so, state reasons Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? yesIs the shaft now fitted been previously used? yes Has it a continuous liner? yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? yesState date of examination of Screw Shaft May 10, 1941 State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft 1/8"

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

so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? yesIs the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? yes

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

Now Done: Vessel placed on D.D. propeller, stern bush, examined and found in good order. The T.S. drawn for examination, found in good order.

Sea cocks, valves and their fastenings examined and placed in good order. Minor repairs effected.

B.S. The Main and Donkey boilers examined internally and externally with their valves and mountings and now placed in good order.

The boilers examined under steam & their safety valves adjusted as noted above.

The F.O. system, piping, pumps, valves, controls examined under working conditions and found in good order. Steam pipes examined where exposed and found in order. Minor repairs effected.

General Observations, Opinion, and Recommendation:—

(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.S. 9, 11, & L.M.C. 9, 11, or L.M.C. 140 lb., F.D., &c.)

The Boilers and Machinery, so far as now seen are in good condition and eligible in my opinion to remain as now classed with record of B.S. 5-41. T.S. 5-41 now and M.S. 11-39 when Machinery Survey has been completed.

Survey Fee (per Section 29) £ 30 Fees applied forSpecial Damage or Repair Fee (if any) £ 10Travelling expenses (if chargeable) £ 20 Received by me, J. a. MooreCommittee's Minute As nowAssigned B.S. 5, 41. T.S. 5, 41.

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In S. W. T. repairs. H. P. Turbine opened up for examination and found in good order. Evaporator overhauled, tested and placed in good order. Condenser (Main) overhauled and placed in good order. Feed water heater, Air Pump, Feed Pumps, Lubricating Pumps, opened for examination and placed in good order. Minor repairs effected. Fuel pumps and heaters overhauled.

B. S. W. T. Renewed 15 tubes F. boiler, 9-5 boiler and 8 F. Boiler. All safety valves removed to shop for overhauling. In removing valve from 5 boiler the spigot was broken and a new Consolidated Safety Valve, tested to 400 pounds hydro. pressure was installed with rivetted pad, the necessary spare parts were furnished. Renewed ends on ten (10) Superheater elements, tested and proved tight. Minor repairs effected.

To complete machinery survey the Auxiliary Condenser, ballast & general service pump, sport generator and electrical equipment to be examined.

Steam pipes?