

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

Date of writing Report 19 When handed in at Local Office -3 APR 1925 Port of LIVERPOOL

No. in Reg. Book. 4105 Survey held at Birkenhead Date, First Survey 19th Mar Last Survey 20th March 1925

on the Machinery of the Wood, Iron or Steel S.S. "SUTTON" (No. of Voids)

Gross 485 Net 210 Vessel built at Selby By whom Cochrane & Sons Ltd When 1920-10

Nominal Horse Power 85 Engines made at Hull By whom C.D. Holmes & Co Ltd When 1920

No. of Main Boilers One Boilers, when made (Main) 1920 (Donkey) ✓

No. of Donkey Boilers ✓ Owners Overton SS Co Ltd Owners' Address

Steam Pressure in Main Boilers 180 Managers RR Clark (If not already recorded in Appendix to Register Book).

in Donkey Boilers ✓ # Surveyed Afloat or in Dry Dock Cammell Lairds Port Liverpool Voyage

(State name of Dock.)

Last Report No. Port

Particulars of Examination and Repairs (if any) + LMC

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.

As a damage case 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

Do. " Donkey " " " ✓

Was this not done, state for what reasons?

CHARACTER.	Years Assigned now expired.	Machinery and Boiler Surveys (including date of N.E., if any).
+100 A1 2-24		+LMC 10-20 TS CL 2-24

Did 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? ✓

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 180 lb./sq. in.

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? Yes , and of the Donkey Boiler? ✓

Did the Surveyor examine all the mountings of the Main Boilers? Yes , and of the Donkey Boiler? ✓

Has a 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? No

Has a 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? 5/32"

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

All cylinders, pistons, valves & chests, crank & thrust shafts, condenser, pumps with valves & connections, & auxiliaries examined & found in good condition. Main steam pipes examined in place.

Vessel placed in dry-dock: propeller, stern-bush, & sea-connections with their fastenings examined & found in order. Screw-shaft drawn, examined & found in good condition.

Main Boiler examined internally & externally, with mountings, doors &c. & found in good condition. Front seam built up by electric welding where found wasted. Afterwards examined under steam & safety valves adjusted as above.

General Observations, Opinion, and Recommendation:— The Machinery of this Vessel (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, E.&M.S. 9,11, or S.E.M.C. 9,11, 140 lb., F.D., &c.)

is in good condition & in our opinion eligible to remain as classed with fresh records of + LMC 3-25 & Screw shaft seen 3-25.

Survey Fee (per Section 28) LMC £ 7 : 0 : 0 Fees applied for -3 APR 1925

Total Damage or Repair Fee (if any) £ : : Received by me, 15/5/25

Travelling Expenses (if chargeable) £ : : C.W. Reed & Co. Ltd 2020

Committee's Minute LIVERPOOL

Signed + LMC 3-25 TUES. 5 JAN 1926

9.5. 3-25 C.L.

Lloyd's Register Foundation

W654-0025



11.11.1910 10.24 now held.

+LME 3.25.

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.

53.25.

*J.M.*

9/4/25.



THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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