Rpt. 9. No. 16841

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

(Received at London Office 22 JUN 1940)

Date of writing Report 21-5-1940 When handed in at Local Office 21-5-1940 Port of MIDDLESBROUGH.

No. in Reg. Book 29527 Survey held at Middlesbrough. Date, First Survey 16-5-40 Last Survey 17-5-1940 (No. of Visits 2)

on the Machinery of the ~~Wood, Iron or~~ Steel S.S. "EMPIRE SUCCESS" Ex "IXIA"

Tonnage: Gross 5988, Net 3685

Nominal Horse Power 831

No. of Main Boilers 4 S.E.

No. of Donkey Boilers ✓

Steam Pressure— in Main Boilers ✓

in Donkey Boilers ✓

Vessel built at Hamburg. By whom Vulcan Werke When 1921 - (Year. Month.)

Engines made at do By whom do When 1921

Boilers, when made (Main) 1921 (Donkey) ✓

Owners Ministry of Shipping Owners' Address ✓ (if not already recorded in Appendix to Register Book.)

Managers Union Castle Mail S.S. Co. Ltd. Port Voyage ✓

If Surveyed Afloat ~~or in Dry Dock~~ L.N.E.R. Dk. (State name of Dock.)

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

CHARACTER. ✠ for Special Survey Date of last Survey and of Periodical Surveys.	Years assigned and how extried.	Machinery and Boiler Surveys (including date of N.B., if any).
Classification contemplated.		

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

Last Report No. Port

Particulars of Examination and Repairs (if any) pt. LMC.

(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? Boilers surveyed in Hull.

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(s) Efficient.

Did the Surveyor examine the Safety Valves of the Main Boiler? ✓ To what pressure were they afterwards adjusted under steam? [illegible]

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 vitæ 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

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.

Bottom Manholes of boilers to weld + doors refit, also Main & Aux Steam Pipes & test Supt Eng stated this would be done on vessels return to U.K.

Now done: Port Boilers Safety Valves opened up + washer fitted & spring of centre valve + valves readjusted under steam.

2-New springs have been ordered + will be fitted at first opportunity.

Main Boilers being under steam, nothing has been done to Bottom manholes.

General Observations, Opinion, and Recommendation:— The Machinery of this vessel as far as now seen is eligible in my opinion & remain as classed with fresh record of LMC + date as recommended in Hull Rpt. when survey has been completed

(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 ✠LMC 140 lb., F.D., &c.) CS 8,24,

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

Survey Fee (per Section 29) £ : :

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

Travelling expenses (if chargeable) £ : :

Fees applied for ____ 19____

Received by me, ____ 10____

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned No action

FRI. 21 JUN 1940 Dee Hull 50675 78

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