Apt. 9. No. 3656 E

REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

(Received at London Office 13 JUL 1954)

Date of writing Report 8.7. 19 54 When handed in at Local Office ..... 19 .... Port of Helsingfors

No in Reg. Book ~~28655~~ 79183 Survey held at Åbo Date. First Survey 13.3. Last Survey 15.6. 19 54. (No. of Visits 8)

on the Machinery of the ~~Wooden~~ Steel s/s "SUSANNE"

Tonnage: Gross ~~5000~~ 4012 Net ~~2112~~ 2293

Nominal Horse Power 345

No. of Main Boilers 2

Donkey Boilers -

Pressure — Main Boilers 180 lb.

Donkey Boilers -

Vessel built at Sunderland By whom J.L.Thompson & Sons, Ld. When Year 1924 Month 12

Engines made at " By whom Richardsons, Westgarth&Co. Ltd When " "

Boilers, when made (Main) (Donkey)

Owners W. Rostedt Owners' Address Åbo (if not already recorded in Appendix to Register Book.)

Managers - Port Voyage

If Surveyed Afloat or in Dry Dock in floating dock (State name of Dock.) Crichton-Vulcan

Report No. Port

Particulars of Examination and Repairs (if any) BS, TS and oil fuel installation.

Special Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the extent 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 details of any letters respecting this case

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 now expired.	Machinery and Boiler Surveys (including date of N.B., if any)
+100 A 1		+LMC 7,51
~~6.51~~ 3.52.		+NDB 2,48
		BS 6,52
ssCff.-2,47(Dr)		
ssShl.-7,51		
		TS 5,51
		CL

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

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 through examination at this time? Yes

" " Donkey " " " D.B. now removed Donkey boiler not to be used.

If not, state for what reasons 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?

The latest date of internal examination of each boiler ss-Boiler 5.6.54, ps-Boiler 8.6.54 Present condition of funnel(s) satisfactory

Did the Surveyor examine the Safety Valves of the Main Boilers? yes To what pressure were they afterwards adjusted under steam? 180 lb.

Did the Surveyor examine the Safety Valves of the Donkey Boilers? 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 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?

Was the shaft examined? yes Has it a continuous liner? yes Is an approved oil retaining appliance fitted at the after end? no

If not, if so, state reasons Has the shaft now fitted been previously used? Has it a continuous liner?

Is a stern tube fitted at the after end? State date of examination of Screw Shaft 9.6.54 State the wear down in the

Is electric light and/or power fitted? If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses?

Have the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? no

Insulation resistance of the [illegible] should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.

Spare parts, when referred to by numbers,

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

DONE: Donkey Boiler no. [illegible] w removed. Both Main Boilers inspected inside, outside and all their mountings opened. In the [illegible] ss-Boiler one staybolt renewed and the main steam valve provided with new seat. In the ps-Boi[illegible]ler 4 staybolts renewed and 8 rivets cap-welded in the ss-combustion chamber, in the center com[illegible]bustion chamber one anchor stay nut repacked, main steam valve provided with new seat. In other res[illegible]pects the Boilers were found satisfactory. Safety valves adjusted under steam and steamsmothering an[illegible]d oil fuel shut off tried. (The matters according Special Reason List No.133 have thus been dealt with). - Tailshaft drawn and inspected. Lignum vitae in bottom half of sterntube renewed. - The oil burning installation including pipelines inspected. After finished work trial run was effected with all the machinery to full satisfaction.

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, BS 0,11, B&MS 9,11, ✠LMC 9,11 or ✠LMC 140 lb., FD, &c.)

The Machinery and Boilers are eligible in my opinion to remain as classed with fresh record of CS 3,51 BS 6.54 and of TS 6.54.

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

Survey Fee (per Section 29) Fmk. 50.000:-

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

Travelling expenses (if chargeable) £ : :

Fee applied for 7.7. 19 54

Received by me, 19

Engineer Surveyor to Lloyd's Register of Shipping.

TUESDAY 10 AUG 1954

Committee's Minute As now, ~~without Spl. Condition~~ subject

Assigned S 6,54 BS 6,54

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