BOX OASE

No. 79421.

pt. 9.

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

(Received at London Office WED. AUG. 13. 1919)

Date of writing Report ..... 19 ..... When handed in at Local Office 26 JUL 1919 19 ..... Port of LIVERPOOL

No. in Reg. Book. 783 Survey held at Birkenhead. Date, First Survey June 13 Last Survey July 25 1919 (No. of Visits 9.)

on the Machinery of the ~~Wood~~, ~~Iron or~~ Steel s/s "Dunleith" Master

Tonnage { Gross 292 / Net 111 } Vessel built at Paisley By whom J. Fullerton & Co. When 1896 9

Registered Horse Power 45 Engines made at Glasgow By whom Hall, Brown, Butterly & Co. When 1896

No. of Main Boilers One Boilers, when made (Main) 1896 (Donkey) ✓

No. of Donkey Boilers None Owners ..... Port ..... Voyage .....

Steam Pressure— In Main Boilers 120 lbs In Donkey Boilers ✓ If Surveyed Afloat or in Dry Dock (State name of Dock.) Clover, Clayton & Co's Dry Dk.

YEAR. MONTH.

Last Report No. ..... Port .....

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 A1		✠ LMC
11,16 Beam 11,16		MS 5,18
SS Cff. No. 3 3,10		BS 3,18
SS Ain. No. 1-14		(TS 10,19)

Particulars of Examination and Repairs (if any) B.S. &c.

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

Do. " Donkey " " " ✓

Do. " Donkey " " " ✓

If this was not done, state for what reasons? ✓

And what parts of the Boilers could not be thus thoroughly examined? ✓

By 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? 120 lbs per 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? None, and of the Donkey Boiler? ✓

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

Has screw shaft now been drawn and examined? Yes Is it fitted with continuous liner? Yes or two liners? ✓ or is it without liners? ✓

Has shaft now been changed? No If so, state reasons ✓

Is the shaft now fitted new? ✓ Has it a continuous liner? ✓ or two liners? ✓ or is it without liners? ✓

What is the distance between lignum vitæ of stern bush and top of after bearing of screw shaft? Good fit.

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

The propeller, stern bush and fastenings of sea connections examined. The sternbush renewed. The tail shaft drawn, examined and found in good condition. The cylinders, pistons, ~~piston~~ ~~and~~ slide valves and faces, crank shaft, pumps examined. The cracks at the corners of the ports of the HP slide valve face examined. These do not appear to be extending. In view of the further experience of these cracks it is considered that same may be removed from the limitation list. The boiler examined throughout and found in good condition generally. The starboard furnace is somewhat out of round but not to a serious extent. A few tubes renewed.

Mountings overhauled. Safety valves afterwards adjusted under steam.

See Southampton Report No. 10137.

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

The machinery of this vessel, so far as seen, is in good condition and, in my opinion, eligible to remain as classed with records of BS 7,19 and tail shaft examined 7,19. The vessel's name to be removed from the limitation list.

Survey Fee (per Section 28) ..... £ 1 : 0 : 0

Special Damage or Repair Fee (if any) (per Section 28.) ..... £ : :

Travelling Expenses (if chargeable) ..... £ : :

Fees applied for 19 ..... Received by me, 15.8.19 19

11 AUG 1919

W. G. Buford

Engineer Surveyor to Lloyd's Register of Shipping.

FRI. SEP. 24 1920

Committee's Minute

Signed B. G. 7.19 Remove from Limitation List. Note B.S. 1177

12 AUG 1919 LIVERPOOL

FRI. 20 FEB. 1920

FRI. 13 FEB. 1920

TUE. MAY. 4 1920

006401-006406-0

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

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

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.

T. date 3.19 now held
shaft examined
A. Cylinder valve face examined & limit
removed..

It is submitted that
vessel is eligible for
E RECORD. B.S. 7.19

7.19
Vessels name to be removed
from limit list regarding
A.P. cylinder valve face

19/8/19

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.