No. 80140

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

(Received at London Office _____)

20 DEC 1919

of writing Report _____ 19__ When handed in at Local Office _____ 19__ Port of LIVERPOOL

in Book. Survey held at Liverpool. Date, First Survey Nov 10 Last Survey Dec 19 1919 (No. of Visits 6.)

92 on the Machinery of the ~~Wood~~, ~~Iron or~~ Steel s/s "Engineer" Master _____

Gross 5803 Net 3797 — Vessel built at Newcastle By whom Swan, Hunter & Wigham Richardson, Ld When 1908 11

tered Power 491 — Engines made at Newcastle By whom North Eastern Marine Eng. Co. Ld When 1908

Main Boilers Two — Boilers, when made (Main & Aux.) 1908 (Donkey) _____

Donkey Boilers One — Owners Charente S.S. Co. Ld. (J. & J. Harrison, Mgrs.) Port Liverpool Voyage _____

Pressure— Main Boilers 190 lbs — If Surveyed Afloat or in Dry Dock Berculaneum Dry Dock (State name of Dock.)

Donkey Boilers 190 " — 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 or expired.	Machinery and Boiler Surveys (including date of N.B., if any).
✠100 A1 Shelter dk with freeboard 5,19		✠LMC
SS Lio. No. 2.17		MS 7,16
		BS 2,18

(TS6,17)

Report No. _____ Port _____

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

Special Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on nt of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and s being detailed in the body of the report, should be briefly summarised at the end of the report. State also the and initials of any letters respecting this case.

mage 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 lined? ✓ Was a damage report made by anyone else? If so, by whom? ✓

Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? No

" ~~Donkey~~ auxiliary " " " No

as not done, state for what reasons? Boilers already surveyed

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

at special means, in the absence of internal examination, were adopted by the yor to assure himself of the thorough efficiency of those parts of each Boiler? ✓

Surveyor examine the Safety Valves of the Main Boiler? No To what pressure were they afterwards adjusted under steam? 190 lbs per sq. in

Surveyor examine the Safety Valves of ~~Donkey~~ auxiliary Boiler? No To what pressure were they afterwards adjusted under steam? 190 " " "

Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? ✓, and of the Donkey Boiler? ✓

Surveyor examine the drain plugs of the Main Boilers? ✓, and of the Donkey Boiler? ✓

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

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

t now been changed? No If so, state reasons ✓

haft now fitted new? ✓ Has it a continuous liner? ✓ or two liners? ✓ or is it without liners? ✓

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

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

The propeller and fastenings of sea connections examined. The stern bush examined and rewooded. The tail shaft drawn, examined and found in good condition

Boilers examined under steam and safety valves adjusted

See Manchester Report No. 4356

al Observations, Opinion, and Recommendation:—

The machinery of this vessel as

(Specify 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.)

as seen, is in good condition and, in my opinion, eligible to remain as ered with records of BS 7,19 and tail shaft examined 12,19. The entry in the ial Reasons and Limitation Lists re stern bush and safety valves should deleted.

(per Section 28) ..... £ . . | Fees applied for _____ 19__

age or Repair Fee (if any) ..... £ . . | Received by me, _____ 19__

er Section 28.)

Expenses (if chargeable) ..... £ . . | B. G. Oxford

Engineer Surveyor to Lloyd's Register of Shipping.

ttee's Minute LIVERPOOL 30 DEC 1919

d B S 7:19 Note J.S.

Remove from Limitation list

SEE LIMITATION LIST

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

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

B.S. due 2.19 partly held 7.19 completed
Screwshaft examined stern bush unworked

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.

~~It is submitted that~~
this vessel is eligible for
THE RECORD. B.S 7.19

It is submitted that
this vessel is eligible to
remain as CLASSED. without
special restrictions regarding stern
bush
S.12.19

S.
2/1/20

OF THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.