No. 69849

. 9.

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

(Received at London Office THU. 10 MAY 1917)

Date of writing Report 8th May 1917 When handed in at Local Office 8th May 1917 Port of Newcastle on Tyne

No. in Reg. Book. 241 Survey held at Hebburn & S Shields Date, First Survey 27th Mar Last Survey 8th May 1917 (No. of Visits 11)

on the Machinery of the ~~Wood, Iron~~ or Steel S S Tapton Master H S Luke

Tonnage: Gross 3569, Net 2300 — Vessel built at S Shields By whom J Redhead & Sons When 1904 (Year 1, Month)

Registered Horse Power 305 — Engines made at do By whom J Redhead & Sons When 1904

No. of Main Boilers 2 — Boilers, when made (Main) 1904 (Donkey) 1917

No. of Donkey Boilers 1 — Owners Merton S S Co Ltd Port London Voyage

Steam Pressure—in Main Boilers 180 — If Surveyed Afloat or in Dry Dock Hebburn Docks D.D. & Shipbs (State name of Dock)

in Donkey Boilers 100

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.	Year Assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
✠ 100 A1 9.15		✠ LMC 2.13
S S Rot Dr 2.13		BS 9.15.
		F 5.10.15

Particulars of Examination and Repairs (if any) ✠ 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.

Do. " Donkey " " " Yes. (now put on shore)

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? 185 lbs per □"

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes (new) To what pressure were they afterwards adjusted under steam? 100 lbs per □"

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes, and of the Donkey Boiler? Yes (new)

Did the Surveyor examine the drain plugs of the Main Boilers? Yes, and of the Donkey Boiler? None

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

Has screw shaft now been drawn and examined? No Is it fitted with continuous liner? ..... 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? ✓

State the distance between lignum vitæ of stern bush and top of after bearing of screw shaft? 3/16" full

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

Cd the propeller, aft end of stern bush & lee cock fastenings, the cylinders, pistons, slide valves, crank, thrust & tunnel shafts, air, circulating, bilge & feed pumps, condenser, steam steering gear & windlass. Repairs carried out, New air & circulating pump rods fitted, feed & bilge pump plungers, skimmed up. Glands bushes & rack rings fitted, new pump link brasses and new turning gear bracket fitted, Main steam pipes annealed & tested & repaired. Cd the main boilers their safety valves & mountings. Repairs carried out Six new Brightons furnaces fitted, all plain tubes & 16 stay tubes renewed & a few CC side rivets & CC back stays renewed. After repairs both boilers tested to 1½ times the W.P and found tight & sound. A new donkey boiler as per attached report Gb Dr 36717 has now been securely fitted on board and all connections made.

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.10,11, S.&M.S. 9,11, or ✠ L.M.C. 9.11, 140 lb., N.D., &c.)

is now in good condition and is in my opinion eligible to remain as classed in the register book with flash record ✠ LMC 5.17. NDB 17 100 lbs per □"

This vessel is now fitted with wireless telegraphy.

Survey Fee (per Section 28) £ 5 : 10 : 0 — Fees applied for 9 - MAY 1917 19

Special Damage or Repair Fee (if any) (per Section 28.) £ : : — Received by me, 6/6/17 19

Travelling Expenses (if chargeable) £ : : — 6/6/17

George Murdoch
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 18 MAY 1917 — TUE. 21 AUG. 1917

Assigned ✠ LMC 5.17 NDB 17 — FRI. 18 JAN. 1918

Note dep. — MACHINERY CERTIFICATE WRITTEN 14.6.17 — TUE. APR. 9 1918

W635-0209

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

If Stockless, state Mechanical Tests.

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

S S No 3 due 1.16 Lowered
in entirety & NDB filled
NB furnaces renewed &c.

+LMC 5.17

NDB 17.

DB pressure 100 lb

E.W.
14.5.17

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.

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

Sir,

Donkey
(Annan
that t

The Sec
Lloy

signed