Rpt. 9.

No. 24679

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

(Received at London Office SAT.-8.APR.1916)

Date of writing Report 6 APR 1916 When handed in at Local Office 6 APR 1916 Port of LIVERPOOL.

No. in Reg. Book. 213. Survey held at Birkenhead. Date, First Survey 4 Last Survey Mar 31 1916 (No. of Visits 1)

on the Machinery of the ~~Wood, Iron~~ or Steel S.S. "Zent". Master Martin

Tonnage { Gross 3890 Net 2485

Registered Horse Power 577

No. of Main Boilers 4

No. of Donkey Boilers —

Steam Pressure— in Main Boilers 190 in Donkey Boilers —

Vessel built at Belfast. By whom Workman Clark & Co. When 1905. 6. (YEAR. MONTH.)

Engines made at " By whom " When 1905.

Boilers, when made (Main) 1905. (Donkey) —

Owners Elders & Fyffes. Port Belfast. Voyage Santa Marta

If Surveyed Afloat or in Dry Dock Bkw. D.Dk. (State name of Dock.)

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 8.15.		✠ Chk 6.6.13. B.S. 7.15.
✠ Rot. No 2 13.		✠ 12.14.

Particulars of Examination and Repairs (if any) Dkg.

(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? ✓

Do. " Donkey " " " ✓

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

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? ✓

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

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 Boiler? ✓

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

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

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? ✓ 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? 1¼"

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

Propeller & fastenings of sea connections examined in drydock.
One bent bronze propeller blade now renewed.

General Observations, Opinion, and Recommendation:— This vessel's machinery, as far as seen, is in good working order & eligible to remain as classed.

(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.)

Survey Fee (per Section 28) £ : :

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

Travelling Expenses (if chargeable) £ : :

Fees applied for 19

Received by me, 19

A. J. Barrett.
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute LIVERPOOL. 7 APR 1916 TUE. 11 APR. 1916

Assigned as now

It is submitted that this vessel is eligible to remain as CLASSED.

10.4.16

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.