

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

(Received at London Office

27 NOV 1924

Date of writing Report 19 When handed in at Local Office 19 Port of Lyttleton

No. in Reg. Book. Survey held at Lyttleton Date, First Survey 10th. Sept Last Survey 23rd. Oct. 1924 (No. of Visits 8)

65140 on the Machinery of the Wood, Iron or Steel S.S. Breeze Master

Tonnage { Gross 553  
Net 286

Registered Horse Power 84

No. of Main Boilers 1

No. of Donkey Boilers 1

Steam Pressure in Main Boilers 180

in Donkey Boilers 100

Vessel built at Hardinxveld By whom Van Vliet & Co. When 1909 9

Engines made at South Shields By whom G.T. Gray (Donkey) 09 When 09 9

Boilers, when made (Main) 09 (Donkey) 09

Owners Canterbury S.S. Co. Ltd. Port Lyttleton Voyage N.Z. Coastal

If Surveyed Afloat or in Dry Dock Both Lyttleton (State name of Dock.)

Last Report No. Port

Particulars of Examination and Repairs (if any) Annual Overhaul

(Periodical Surveys, when held, must be reported in detail and serialim 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.

CHARACTER. for Special Survey. Date of last Survey and of Periodical Surveys.	Years Allowed and expired.	Machinery and Boiler Surveys (including date of N.B., if any).
†100 NA 11:23		B.S. 11:23
64 Adv. No. 3 - 11.22		†L.M.C. 11:23
		Tail shaft seen 6:23

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

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? Yes To what pressure were they afterwards adjusted under steam? 180

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? 100

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

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

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? No 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 ligament vite of stern bush and top of after bearing of screw shaft? 1/8"

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

Cylinders and Valve-chests opened out, Pistons and Valves examined and found in good order.

Crank-shaft mainbearings stripped. Crank-shaft found in good order.

Tunnel-shaft in good order.

Thrust-shaft and Thrust-block in good order.

Top and Bottom-End Bearings and Pins found in good order.

Eccentric-sheaves and Straps examined and adjusted satisfactorily.

Air and Circulating Pumps opened out, Chambers, Valves, and Rods in good order.

Feed and Bilge Pump Rams and Glands in good order.

Main Boiler externally and internally examined.

Furnaces, Combustion Chambers, Tubes, Tube Plates, Main and Combustion Chamber Stays and Stay Tubes.

Uptake, Funnel, and Shell Plating in good order.

Main Boiler Mountings Main Stop Valve, Auxiliary Valve, Safety Valve, Feed Check and Donkey

P.T.O.

## 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, E.&N.S. 9,11, or †L.M.C. 9,11, 140 lb., F.D., &c.)

To remain as classed with fresh record of Survey

L.M.C. 10:24

Survey Fee (per Section 28) £ 4 : 16 : 0 Fees applied for

Special Damage or Repair Fee (if any) £ : : 19

(per Section 28.)

Travelling Expenses (if chargeable) £ 9 : 0 Received by me, J. Fenwick Taylor

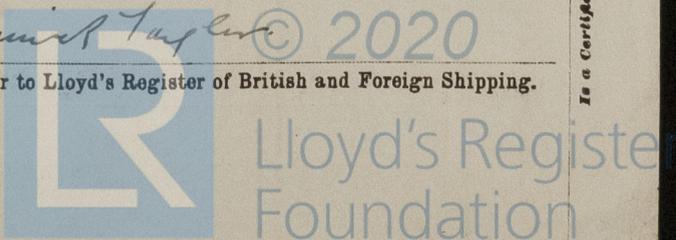
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute 5 DEC 1924

Assigned + done 10, 24

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

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



*B.T. due 11.24. held machinery  
also examined.*

*It is submitted that  
this vessel is eligible for  
THE RECORD. 4 L.M.C. 10.24*

*R.L.  
20/10/24.*

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.

Check and Blow-down Valves and Water-Gauge Cocks all opened out and examined, re-packed ground-in, and replaced in good order.  
Donkey Boiler Internally and Externally examined and found in good order.  
Donkey Boiler Mountings Safety Valve, Stop Valve, Feed Check Valve, Blow-down and Water-Gauge Cocks have all been stripped for examination and found in good order.  
Condenser The doors were taken off and tube-end packings examined.  
Reversing-Gear This has been overhauled and is in good working condition. ♂  
Sea Connections All sea-valves and cocks and Bilge Injection have been opened out valves and cocks ground in and repacked and replaced in good order.  
Engines tested under steam on completion of survey and found satisfactory.

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



© 2020  
Lloyd's Register  
Foundation