

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

(Received at London Office

23 AUG 1926

Date of writing Report 15/7/1926 When handed in at Local Office 15/7/1926 Port of Sydney, N.S.W.  
No. in Reg. Book. Survey held at Sydney, N.S.W. Date, First Survey and Last Survey 13/7/1926  
22 on the Machinery of the Wood, Iron or Steel S.S. "Melusia"  
Tonnage Gross 1989 Net 1183 Vessel built at Dundee By whom Caledon S.B. and C. Co. Ltd. When 1902-4.  
Nominal Horse Power 249 Engines made at Dundee By whom Caledon S.B. and C. Co. Ltd. When 1902.  
No. of Main Boilers 2 Boilers, when made (Main) 1902 (Donkey) 1902.  
No. of Donkey Boilers 1 Owners Burns, Philp and Co. Ltd. Port Sydney, N.S.W. Voyage South Sea Islands.  
Steam Pressure in Main Boilers 180 lbs Managers  
in Donkey Boilers 90 lbs If Surveyed Afloat or in Dry Dock Morts' Dry Dock, Balmain.  
(State name of Dock.)

Last Report No. Port  
Particulars of Examination and Repairs (if any) Propeller, outer end of Stem Bush and Fastenings.

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.

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? Is it fitted with continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

Has shaft now been changed? If so, state reasons

Is the shaft now fitted new? Has it a continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft?

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

This vessel placed in Dry dock, Propeller, outer end of Stem Bush and Fastenings examined and found in good condition.

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

This vessel's Machinery is now in good condition, eligible, in my opinion, to remain as classed.

Survey Fee (per Section 28) £ : : Fees applied for  
Special Damage or Repair Fee (if any) £ : :  
Travelling Expenses (if chargeable) £ : :  
Received by me, £ : :  
19

Committee's Minute

FRI. 27 AUG 1926

Assigned

As now

FRI. 4 NOV 1927

FRI. 10 JUN 1927

TUES. 13 SEP 1927

FRI. 4 NOV 1927

H. Tate.

E. L. Cartwright

Engineer Surveyor to Lloyd's Register of Shipping.

W1100-0024

Lloyd's Register Foundation



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

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.

24/8/86

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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