

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 22506 Survey held at Sydney, N.S.W. Date, First Survey and Last Survey 13/7/1926
 on the Machinery of the Wood, Iron or Steel S.S. "Melusia" (No. of Visits 1)

Tonnage Gross 1989 Vessel built at Dundee By whom Caledon S.B. and C. Co. Ltd. When 1902-4
 Net 1183 Engines made at Dundee By whom Caledon S.B. and C. Co. Ltd. When 1902
 Nominal Horse Power 249 Boilers, when made (Main) 1902 (Donkey) 1902
 No. of Main Boilers 2 Owners Burns, Philp and Co. Ltd. Port Sydney, N.S.W. Voyage South Sea Islands
 No. of Donkey Boilers 1 Managers _____
 Steam Pressure— in Main Boilers 180 lbs If Surveyed Afloat or in Dry Dock Mort's Dry Dock, Dalmain.
 in Donkey Boilers 90 lbs (State name of Dock.)

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 for special.	Machinery and Boiler Surveys (including date of S.B., if any).
+ 100.A.1. 10, 25		+ L.M.C. 4-22
S.S. Mel. N° 3. 8-14		B.S. 1-26.
S.S. Syd. N° 2-23.		T.S. 3-26. C.L.
<u>S.D.</u>		

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

(Periodical Surveys, when held, must be reported in detail and serially 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? 1/8" b.

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

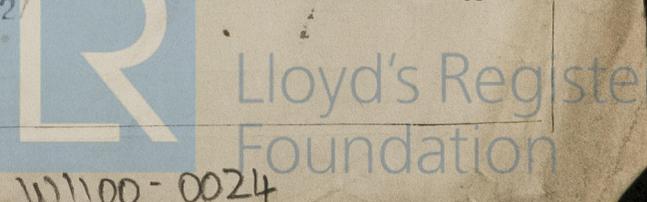
This vessel placed in Dry dock, Propeller, outer end of Stern Bush and Fastenings examined and found in good condition.

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, _____

Committee's Minute _____
 Assigned _____

S. Yate.
E. L. Cartwright
 Engineer Surveyor to Lloyd's Register of Shipping.
 FRI. 4 NOV 1927
 FRI. 10 JUN 1927
 TUES. 13 SEP 1927
 FRI. 4 NOV 1927
 W1100-0024



If Specimen, state Mechanical Tests.

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

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

*It is submitted that
the vessel is eligible to
remain as CHASED.*

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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