

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

(Received at London Office

10 JAN 1927)

Date of writing Report 27/11/1926 When handed in at Local Office 27/11/1926 Port of Sydney N.S.W.

No. in Survey held at Sydney N.S.W. Date, First Survey and Last Survey 19/11/1926
(No. of Visits 1)

44047 on the Machinery of the ~~Wood~~ Iron or Steel S.S. "Harakara" Master

Tonnage { Gross 525 Vessel built at Saltney By whom J. Brighton & Co. Ld. When 1926-7
 Net 215 (in charter) Engines made at Newbury By whom Plenty & Sons Ld. When 1926

Registered Horse Power 148 Boilers, when made (Main) 1926 (Donkey) ✓

No. of Main Boilers 2 Owners Sydney Ferries Ld. Port Sydney N.S.W. Voyage Vehicular Ferry, Syd.

No. of Donkey Boilers ✓ If Surveyed Afloat or in Dry Dock Moita Pontoon Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Steam Pressure in Main Boilers 180 lb. in Donkey Boilers ✓

Last Report No. _____ Port _____

Particulars of Examination and Repairs (if any) Propellers, out-ends of stem bushes and fastenings

(Periodical surveys, when held, must be reported in detail and verbatim 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 since last Survey applied.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>+100 A-</u> <u>In Sydney Harbour N.S.W.</u> <u>7-26</u>		<u>+ L.M.C. 7-26</u>

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? ✓ 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 vitae of stern bush and top of after bearing of screw shaft? For $\frac{1}{32}$ " aft. $\frac{1}{32}$ "

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 on pontoon, fwd & aft propellers, out-ends of stem bushes & fastenings examined, & 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, B.S. 9,11, E.&M.S. 9,11, or L.M.C. 9,11, 140 lb., F.D., &c.)

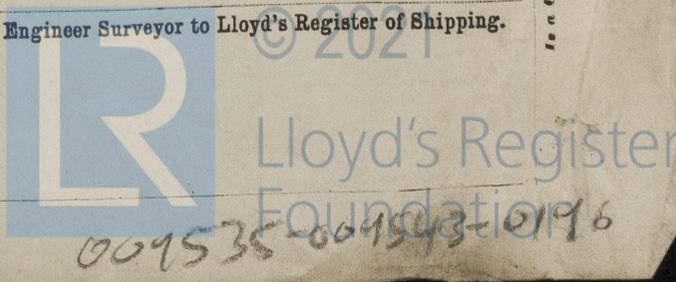
This vessel's machinery is now in good condition, eligible in my opinion to remain as classed.

Survey Fee (per Section 25)..... £ : /	Fees applied for	19
Special Damage or Repair Fee (if any)..... £ : /		✓
Travelling Expenses (if chargeable)..... £ : /		19
		Received by me,

E. L. Cartwright.
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 21 JAN 1927

Assigned See minute on hull report - Syd. 9552.



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

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

009535-009543-0196