

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

(Received at London Office 25 FEB 1942)

Date of writing Report 20/12/41 When handed in at Local Office 20/12/41 Port of Sydney, N.S.W.
 No. in Reg. Book 80768 Survey held at Sydney, N.S.W. Date, First Survey 10th Dec Last Survey 11th Dec 1941
 on the Machinery of the ~~Wood~~ Iron or Steel T.S.M.S. OPAWA (No. of Visits 2)
 Tonnage Gross 10354 Net 6235 Vessel built at Glasgow By whom A. Stephen & Sons L. When 1931. 4
 Nominal Horse Power 2243 Engines made at Glasgow By whom do. When 1931
 No. of Main Boilers ✓ Boilers, when made (Main) ✓ (Donkey) 1931
 No. of Donkey Boilers 3 Owners New Zealand Shipping Co. L. Owners' Address Port Plymouth Voyage —
 Steam Pressure in Main Boilers ✓ Managers — (if not already recorded in Appendix to Register Book.)
 in Donkey Boilers 100 lb. If Surveyed Afloat or in Dry Dock Cockatoo dry dock (State name of Dock.)

Last Report No. _____ Port _____

Particulars of Examination and Repairs (if any)

(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 Copy attached to Hull Rpt

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? ✓

" " Donkey " " No

If this was not done, state for what reasons? Waste heat boilers stated to have been surveyed at Swansea 6/10/41

And what parts of the Boilers could not be thus thoroughly examined? & that Cochran boiler will be surveyed at first opportunity

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? _____

State latest date of internal examination of each boiler _____ Present condition of funnel(s) _____

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 Boilers? _____

Did the Surveyor examine the drain plugs of the Main Boilers? _____ and of the Donkey Boilers? _____

Did the Surveyor examine all the mountings of the Main Boilers? _____ and of the Donkey Boilers? _____

Has screw shaft now been drawn and examined? No 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 _____

Has the shaft now fitted been previously used? ✓ Has it a continuous liner? _____ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Pat 1/2 S. 132

State date of examination of Screw Shaft _____ State the distance between lignum vite or bearing metal of stern bush and top of after bearing of screw shaft _____

Engine parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted? Yes

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? _____

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? _____

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

The Vessel in dry dock - Propellers, outer end of stern bushes & all sea connections (opened out) with their fastenings examined.

Special Reason's list - Examination of scavenge pumps, bilge & ballast pumps stated to have been carried out at a home port & D.B.S party held as above.

CHARACTER (for Special Survey Date of last Survey and of Periodical Surveys)	Machinery and Boiler Surveys (including date of N.B., if any)
+100 A 1	+L.M.C. C.S. 7.39
7.41	1.38
S.S. Feb. No. 1. 35	D.B.S. 1.40
S.S. Apr. No. 2. 39	S.T.S. 1.40 C.H.
	P.T.S.(N) 7.40 C.H.
	+all Rmc 7.41

Oil Engines Continuous Survey

If the Surveyors are requested not to write on or below the space for Committee's Minute.

If a Certificate required? If no, to be sent to

Survey Fee (per Section 20) £ 1 : 1 : 0 Fees applied for 13/12/41
 Special Damage or Repair Fee (if any) (per Section 20.) £ _____
 Travelling expenses (if chargeable) £ _____

Received by me, _____
 19 _____

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

Committee's Minute TUE 17 MAR 1942
 Assigned As nmt subpd



Boeking

L. B. part held

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

Subj to riggs & ballast
pumps being examined

Thus

16.3.42



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