

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

(Received at London Office SEP - 6 1937)

Report of writing) Report Aug. 3rd. 1937. When handed in at Local Office Aug. 4th. 1937. Port of Hong Kong

in Survey held at Hong Kong Date, First Survey June 4th. Last Survey July 31st. 1937
(No. of Visits 5)

on the Machinery of the Woods Iron & Steel Twin Sc "APPLELEAF"

Gross Tonnage 3892 Vessel built at Belfast By whom Workman Clark & Co. Ld. When 1917 2mo.
 Net Tonnage 2480 Engines made at Belfast By whom Workman Clark & Co. Ld. When 1917 2mo.
 Indicated Horsepower 1102 Boilers, when made (Main) 1917 (Donkey) -
 in Boilers 6 Owners The Admiralty Owners' Address -
 (if not already recorded in Appendix to Register Book.)
 Key Boilers - Managers - Port London Voyage -
 Insurance Boilers 200
 Key Boilers -

Report No. _____ Port _____
 Particulars of Examination and Repairs (if any) Docking & B.S.

at Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature and extent of Examinations and subsequent Repairs. Repairs on Boilers (the cause of which must be stated) should be separated from Repairs due to other causes; and being detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials of any letters respecting this case. F. 13-5-37.

In cases where the Surveyor has not made a special damage report he is required to state whether he has declined his services for this purpose, and why they were declined.

Has a special damage report been made by anyone else? If so, by whom?

Does the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes

If not done, state for what reasons?

Which parts of the Boilers could not be thus thoroughly examined?

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?

What is the latest date of internal examination of each boiler? 22-6-37 Present condition of funnel(s) Good

Has the Surveyor examined the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 3 aft blrs. only 200 lbs. 31-7-37

Has the Surveyor examined the Safety Valves of Donkey Boiler? - To what pressure were they afterwards adjusted under steam?

Has the Surveyor examined all the manholes, doors and their fastenings of the Main Boilers? Yes, and of the Donkey Boilers?

Has the Surveyor examined the drain plugs of the Main Boilers? -, and of the Donkey Boiler?

Has the Surveyor examined all the mountings of the Main Boilers? Yes, and of the Donkey Boiler?

Has the 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 the screw shaft now been changed? - If so, state reasons. Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

Has the screw 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?

State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft. Starbd. 168ths/1000 Port 164ths/1000

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

If the survey is not complete, state what arrangements have been made for its completion and what remains to be done. Not complete, Safety valves of three forward boilers to be adjusted.

Has the vessel been placed in dry dock, propellers, after end of stern tubes and all fastenings of sea connect-
 ions examined and found in good order.

Have the boilers been examined internally and externally together with their mountings, doors & fastenings placed in safe working order.

Have the safety valves of the three aft boilers adjusted under steam as above.

AIRS:-Wear & Tear.

All stay tubes renewed in the 3 aft boilers at Owners request, and boilers afterwards tested to 300 lbs. hydraulic pressure and found in order.

The centre furnace of the centre forward boiler now renewed (old furnace fractured) and boiler tested with 300 lbs. hydraulic pressure and found in order. New furnace marked

LLOYD'S TEST 4394 Copy of certificate enclosed. (Continued overleaf)
 31-5-37 H.C.

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, L.M.C. 9,11, or L.M.C. 140 lb., F.D., &c.)

The Boilers of this vessel are in good and efficient condition and eligible, in my opinion, to be continued as classed with fresh record of B.S.7-37. When the safety valves of the three forward boilers are adjusted.

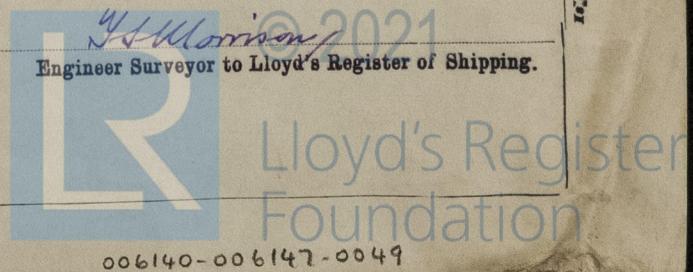
Fee (per Section 29) \$230.00 Fees applied for 31/7/1937

Damage or Repair Fee (if any) \$ 60.00 Received by me,

Selling expenses (if chargeable) \$ 10.00 19

Committee's Minute FRI 8 OCT 1937

Signed W. J. Morrison Engineer Surveyor to Lloyd's Register of Shipping.



The internal blow down pipes of all boilers renewed.
Sundry minor repairs effected.

ALTERATIONS:- 4 circular tanks have now been fitted and connected up in summer tanks forward and aft. (2 Port & 2 Starboard) for the carriage of aviation spirit as per plans forwarded under separate cover, and it was stated that the arrangement is similar to that already approved and fitted in the "BRAMBLELEAF" at Malta. All tanks and pumping arrangements tested to 100 lbs hydraulic pressure after fitting on board and found in order.

Steam fire extinguishing arrangements and also 12 portable fire extinguishers fitted on board.

(Faint, mostly illegible text from the reverse side of the page, including boiler specifications and survey details.)