

# REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

28 APR 1948

(Received at London Office)

Date of writing Report 22nd April, 1948 When handed in at Local Office 23rd April, 1948 Port of MANCHESTER.

No. in Reg. Book 24178 Survey held at on the Machinery of the Wood, Iron or Steel "FORT VERMILLION". Date First Survey 20th April 1948 and Last Survey 20th April 1948 (No. of Visits One)

Tonnage { Gross 7133 Vessel built at Vancouver, B.C. By whom Burrard D.D. Co. Ltd. When 1942, 10.  
Net 4243 Engines made at Montreal. By whom Dominion Engineering Works Ltd. When 1942.  
Nominal Horse Power 505MM Boilers, when made (Main) 1942. (Donkey) -  
No. of Main Boilers 3SB(Spt) Owners Ministry of Transport on bare-boat charter from U.S.M.C. Owners' Address -  
of Donkey Boilers - Managers Counties Ship Management Co. Ltd. Port London. Voyage -  
Steam Pressure 220 Surveyed Afloat or in Dry Dock No. 9 Dock, Salford.

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 now expired	Machinery and Boiler Surveys (including date of N.B., if any)
1000A1 with		LMC 12,46.
freeboard 2,48		C.L. 10,46.
ss.Sws. 12,46		

Report No. 12069 Port LA Boiler Examination and Interim Certificate.

Medical Surveys, when held, must be reported in detail and verbatim in the terms of the Rules. State clearly the cause of Repairs, if any, 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.

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 Interim Certificate issued.

Has 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? No.

Did the Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? No.

Why not, state for what reasons survey not due. What 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 was the latest date of internal examination of each boiler? Superheater Present condition of funnel Efficient.

Did the Surveyor examine the Safety Valves of the Main Boilers? Centre & Stbd. Yes. To what pressure were they afterwards adjusted under steam? -

Did the Surveyor examine the Safety Valves of the Donkey Boilers? - 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 the screw shaft now been drawn and examined? - Has it a continuous liner? - Is an approved oil retaining appliance fitted at the after end? -

Has the screw shaft now been changed? - If so, state reasons - Has the shaft now fitted been previously used? - Has it a continuous liner? -

Is an approved oil retaining appliance fitted at the after end? - State date of examination of Screw Shaft - State the wear down in the stern bush - Is electric light and/or power fitted? - 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 for examination of Centre & Starboard Boiler superheater safety valve springs reference to S.R.L. Attended vessel

At the request of owners representative to examine springs for superheater safety valves on Centre and Starboard boilers, as it is stated that the vessel is to proceed to a United States port on 10th instant, and on arrival will be handed over to the United States Maritime Commission. It is stated that the present owners desire that the renewal of the safety valve springs be deferred until the end of the present voyage.

S.R.L. NOW DONE:- Examined superheater safety valve springs on Centre and Starboard boilers, and consider same to be efficient meantime.

Other repairs carried out under M.O.T. Licence No. E.665.

General Observations, Opinion, and Recommendation:— The machinery of this vessel as now seen, is in a

(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, BS 9,11, B&MS 9,11 \*LMC 9,11 or \*LMC 140 lb., PD, &c.)

safe working condition and eligible, in my opinion, to remain as classed with fresh record of

S. 1,48 when the superheater safety valve springs on centre and starboard boilers are renewed

and adjusted under steam as previously recommended.

Survey Fee (per Section 29) Int. Cert. £ 5 : 5 : 0. Fees applied for 22-4-1948

Special Damage or Repair Fee (if any) £ Received by me, 19

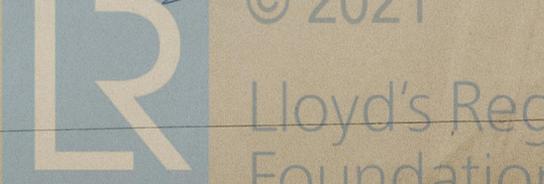
Selling expenses (if chargeable) £

Licence Case. -

Committee's Minute FRI. 14 MAY 1948

Assigned As now, subject

W. A. Cook  
Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register Foundation