

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

20 OCT 1928

(Received at London Office)

Date of writing Report Oct 16<sup>th</sup> 1928 When handed in at Local Office 18 OCT. 1928 Port of LIVERPOOL

No. in Reg. Book 78741 Survey held at Liverpool Date, First Survey Oct. 6 Last Survey Oct. 12 1928  
(No. of Visits 3)

Tonnage { Gross 16418 Vessel built at Glasgow By whom J Brown & Co Ltd When 1921.12  
Net 9789 Engines made at Glasgow By whom J Brown & Co Ltd When 1921  
Donkey 2476 Boilers, when made (Main) 1921 (Donkey) ✓

in Boilers 105A Owners Canadian Pacific Rail Co Owners' Address (if not already recorded in Appendix to Register Book)  
Key Boilers 1 Managers Canadian Pacif Steamship Co Ltd Port Liverpool Voyage   
Boilers 215A ✓ Surveyed Afloat or in Dry Dock Gladstone Dr. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Report No. 93423 Port Liv.  
Particulars of Examination and Repairs (if any) Superheater.

Special 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 account of damage (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.

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

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

Has the Surveyor personally gone inside each Main Boiler separately and made a thorough examination at this time? No

Has the Surveyor personally gone inside each Donkey Boiler separately and made a thorough examination at this time? Not done for survey.

Have any parts of the Boilers could not be thus thoroughly examined? ✓

Have any special means, in the absence of internal examination, been adopted by the Surveyor or to assure himself of the thorough efficiency of those parts of each Boiler? ✓

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

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? ✓ and of the Donkey Boiler? ✓

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? ✓ 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 distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? ✓ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

Is the survey complete, state what arrangements have been made for its completion and what remains to be done? Complete.

A boiler (Star<sup>th</sup> Auxil boiler in forward section) has been fitted with an arrangement of superheater in which the elements are placed in wing combustion chambers (for approved arrangement see plan herewith). On completion of installation a hydraulic pressure test of 330 lb. was applied, and found satisfactory, and (later) under steam the system was found tight. In tests of elements & headers see copy of two Certificate herewith.

General Observations, Opinion, and Recommendation:— The machinery of this vessel is in good condition & eligible in my opinion to remain as classified without fresh record.

CHARACTER, Date of last Survey and of Periodical Surveys.	Years Assigned or expired.	Machinery and Boiler Surveys (Including date of N.B., if any)
+100A1		+LMC1-26
Shell & 1/2 inch fresh		BS228
13-28		CL
SS Lark 7-26		S-128
		P228
Fitted for oil fuel 12-21		FP above 180°

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

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

Survey Fee (per Section 25) £ 10

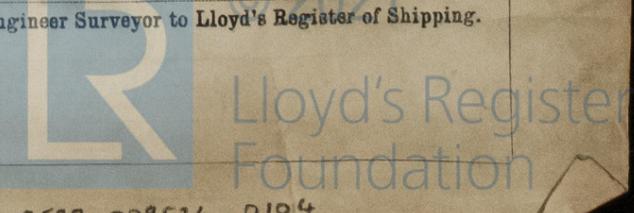
Special Damage or Repair Fee (if any) (per Section 25.) £ ✓

Travelling Expenses (if chargeable) £ ✓

Committee's Minute LIVERPOOL 19 OCT. 1928

Assigned As now.

J D Milton  
Engineer Surveyor to Lloyd's Register of Shipping.



Superheater fitted to an  
boiler

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.

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

23/10/28

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THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.

