CANADIAN NATIONAL RAILWAY CO Form 6-K March 24, 2014

FORM 6-K SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Report of Foreign Issuer

Pursuant to Rule 13a-16 or 15d-16 of the Securities Exchange Act of 1934

For the month of March, 2014

Commission File Number: 001-02413

Canadian National Railway Company (Translation of registrant's name into English)

> 935 de la Gauchetiere Street West Montreal, Quebec Canada H3B 2M9

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F Form 40-F X

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Yes No X

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Yes No X

Indicate by check mark whether by furnishing the information contained in this Form, the Registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934:

Yes No X

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): N/A

Canadian National Railway Company

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Canadian National Railway Company

Date: March 24, 2014 By: /s/ Sean Finn

Name: Sean Finn

Title: Executive Vice-President

Corporate Services and Chief

Legal Officer

Item 1

NOTICE OF ANNUAL MEETING OF SHAREHOLDERS

Our annual meeting of holders of common shares will be held at

The Westin Bayshore Bayshore Grand Ballroom 1601 Bayshore Drive Vancouver, British Columbia, Canada

on Wednesday, April 23, 2014, at 9:00 a.m. (Pacific Daylight Time) for the purposes of:

- 1. receiving the consolidated financial statements for the year ended December 31, 2013, and the auditors' reports thereon;
- 2. electing the directors;
- 3. appointing the auditors;
- 4. considering and approving, in an advisory, non-binding capacity, a resolution (the full text of which is set out on page 6 of the accompanying management information circular) accepting the Company's approach to executive compensation as disclosed in the Statement of Executive Compensation section of the accompanying management information circular; and
- 5. transacting such other business as may properly be brought before the Meeting or any adjournment or postponement thereof.

The directors have fixed March 6, 2014 as the Record Date for the determination of the holders of common shares entitled to receive notice of the Meeting.

By order of the Board of Directors

(Signed) Sean Finn
Sean Finn
EXECUTIVE VICE-PRESIDENT
CORPORATE SERVICES AND CHIEF LEGAL OFFICER
AND CORPORATE SECRETARY

March 11, 2014 Montréal, Quebec

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MANAGEMENT INFORMATION CIRCULAR

AND NOTICE OF ANNUAL MEETING OF SHAREHOLDERS

APRIL 23, 2014

March 11, 2014

Dear Shareholder:

On behalf of the Board of Directors and Management of Canadian National Railway Company (the "Company"), we cordially invite you to attend the annual meeting of shareholders that will be held this year at The Westin Bayshore, Bayshore Grand Ballroom, 1601 Bayshore Drive, Vancouver, British Columbia (Canada), on Wednesday, April 23, 2014, at 9:00 a.m. (Pacific Daylight Time).

This management information circular (the "Information Circular") describes the business to be conducted at the meeting and provides information on executive compensation and CNís governance practices. In addition to these items, we will discuss at the meeting highlights of our 2013 performance and our plans for the future. You will have the opportunity to meet and interact with your directors and the senior officers of the Company.

Your participation in the affairs of the Company is important to us. If you are unable to attend in person, we encourage you to complete and return the enclosed proxy form or voting instruction form in the envelope provided for this purpose so that your views can be represented. Also, it is possible for you to vote over the internet by following the instructions on the enclosed forms. Even if you plan to attend the meeting, you may find it convenient to express your views in advance by completing and returning the proxy form or voting instruction form or by voting over the internet.

If your shares are not registered in your name but are held in the name of a nominee, you may wish to consult the information on page 5 of the Information Circular with respect to how to vote your shares.

A live webcast of the meeting will be available on the Company's website atwww.cn.ca.

We look forward to seeing you at the meeting.

Sincerely,

(Signed) David G.A. McLean

(Signed) Claude Mongeau

David G.A. McLean CHAIRMAN OF THE BOARD Claude Mongeau
PRESIDENT AND CHIEF EXECUTIVE OFFICER

INFORMATION CIRCULAR

This Information Circular is provided in connection with the solicitation of proxies by management of Canadian National Railway Company for use at the annual meeting of its shareholders or at any adjournment or postponement thereof (the "Meeting"). In this document "you" and "your" refer to the shareholders of, and "CN", the "Company" or "we", "refer to, Canadian National Railway Company. The Meeting will be held on Wednesday, April 23, 2014, at 9:00 a.m. (Pacific Daylight Time) for the purposes set forth in the foregoing Notice of Meeting. The information contained herein is given as at February 28, 2014, except as indicated otherwise.

IMPORTANT — If you are not able to attend the Meeting, please exercise your right to vote by signing the enclosed form of proxy or voting instruction form and, in the case of registered shareholders and holders of Employee Shares (as such term is defined in this Information Circular) by returning it to Computershare Trust Company of Canada in the enclosed envelope, or by voting over the internet no later than 5:00 p.m. (Eastern Daylight Time) on April 22, 2014, or, if the Meeting is adjourned or postponed, by no later than 5:00 p.m. (Eastern Daylight Time) on the business day prior to the day fixed for the adjourned or postponed meeting. If you are a non-registered shareholder, reference is made to the section entitled "How do I vote if I am a non-registered shareholder?" on page 5 of this Information Circular.

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QUESTIONS AND ANSWERS

Voting and Proxies

The following questions and answers provide guidance on how to vote your shares.

Who can vote?

Shareholders who are registered as at the close of business on March 6, 2014 (the "Record Date"), will be entitled to vote at the Meeting or at any adjournment or postponement thereof, either in person or by proxy.

As of the close of business on February 28, 2014, the Company had 826,722,529 common shares without par value outstanding. Subject to the voting restrictions described below, each common share carries the right to one vote.

On October 22, 2013, the Board of Directors of the Company approved a two-for-one common stock split which was effected in the form of a stock dividend of one additional common share of CN for each share outstanding, which was paid on November 29, 2013, to shareholders of record on November 15, 2013. Unless otherwise indicated, information relating to the Company's securities (including common shares, stock options and share units) has been adjusted to reflect the common stock split and is presented herein on a post-split basis.

To the knowledge of the Directors and senior officers of the Company, based on the most recent publicly available information, the only person who beneficially owns, or directly or indirectly, exercises control or direction over, shares carrying 10% or more of the voting rights attached to any class of shares of the Company is Mr. William H. Gates, III. Mr. Gates is the sole member of Cascade Investment, L.L.C. ("Cascade"). Cascade held 86,324,874 common shares of the Company as of February 28, 2014, representing 10.4% of the outstanding common shares of the Company. In addition, Mr. Gates is a co-trustee of the Bill & Melinda Gates Foundation Trust, which held 17,126,874 common shares of the Company as of February 28, 2014, representing 2.1% of the outstanding common shares of the Company. Hence, as of February 28, 2014, Mr. Gates is deemed to have control or direction over 103,451,748 common shares, representing 12.5% of the outstanding common shares of the Company.

What will I be voting on?

Shareholders will be voting (i) to elect directors of the Company, (ii) to appoint KPMG LLP as auditors of the Company, and (iii) in an advisory, non-binding capacity, on the approach to executive compensation disclosed in the Statement of Executive Compensation section of this Information Circular. Our Board of Directors and our Management are recommending that shareholders vote FOR items (i), (ii) and (iii).

How will these matters be decided at the Meeting?

A simple majority of the votes cast, in person or by proxy, will constitute approval of these matters.

Who is soliciting my proxy?

Management of the Company is soliciting your proxy. The solicitation is being made primarily by mail, but our directors, officers or employees may also solicit proxies at a nominal cost to the Company. The Company has retained and will pay for the services of Georgeson Shareholder Communications Canada Inc., for the solicitation of proxies in Canada and the United States, at an aggregate cost estimated to be C\$30,000 plus additional costs relating to out-of-pocket expenses.

Who can I call with questions?

If you have questions about the information contained in this Information Circular or require assistance in completing your form of proxy, please call Georgeson Shareholder Communications Canada Inc., the Company's proxy solicitation agent, toll-free at 1-866-656-4118 or by e-mail at askus@georgeson.com.

How can I contact the transfer agent?

You can contact the transfer agent either by mail at Computershare Trust Company of Canada, 100 University Ave., 8th Floor, Toronto (Ontario) M5J 2Y1, by telephone at 1-800-564-6253, by fax at 1-888-453-0330 or by internet at www.investorcentre.com/service, ou en français: www.centredesinvestisseurs.com/service.

How do I vote?

If you are eligible to vote and your common shares are registered in your name, you can vote your common shares in person at the Meeting or by proxy, as explained below. If your common shares are held in the name of a nominee, please see the instructions below under "How do I vote if I am a non-registered shareholder?".

What are the voting restrictions?

Our articles of incorporation, as amended, provide that no person, together with his or her associates, shall hold, beneficially own or control, directly or indirectly, voting shares to which are attached more than 15% in the aggregate of the votes attached to all our voting shares that may ordinarily be cast to elect directors of the Company. In addition, where the total number of voting shares held, beneficially owned or controlled, directly or indirectly, by any one person together with his or her associates exceeds such 15% maximum, no person shall, in person or by proxy, exercise the voting rights attached to the voting shares held, beneficially owned or controlled, directly or indirectly, by such person or his or her associates.

CN MANAGEMENT INFORMATION CIRCULAR 2014

How do I vote if I am a registered shareholder?

1. VOTING BY PROXY

You are a registered shareholder if your name appears on your share certificate or Direct Registration (DRS) advice. If this is the case, you may appoint someone else to vote for you as your proxy holder by using the enclosed form of proxy. The persons currently named as proxies in such form of proxy are the Board Chair and the President and Chief Executive Officer of the Company. However, you have the right to appoint any other person or company (who need not be a shareholder) to attend and act on your behalf at the Meeting. That right may be exercised by writing the name of such person or company in the blank space provided in the form of proxy or by completing another proper form of proxy. Make sure that the person you appoint is aware that he or she is appointed and that this person attends the Meeting.

• How can I send my form of proxy?

You can either return a duly completed and executed form of proxy to the transfer agent and registrar for the Company's common shares, Computershare Trust Company of Canada, in the envelope provided, or you can vote by phone or over the internet by following the instructions on the form of proxy.

• What is the deadline for receiving the form of proxy?

The deadline for receiving duly completed forms of proxy or a vote over the internet is 5:00 p.m. (Eastern Daylight Time) on April 22, 2014, or if the Meeting is adjourned or postponed, by no later than 5:00 p.m. (Eastern Daylight Time) on the business day prior to the day fixed for the adjourned or postponed meeting.

• How will my common shares be voted if I give my proxy?

Your common shares will be voted or withheld from voting in accordance with your instructions indicated on the proxy. If no instructions are indicated, your common shares represented by proxies in favour of the Board Chair or the President and Chief Executive Officer will be voted as follows:

FOR the election of Management's nominees as directors,

FOR the appointment of KPMG LLP as auditors,

FOR, in an advisory, non-binding capacity, the approach to executive compensation disclosed in the Statement of Executive Compensation section of this Information Circular, and at the discretion of the proxy holder in respect of amendments to any of the foregoing matters or on such other business as may properly be brought before the Meeting. Should any nominee named herein for election as a director become unable to accept nomination for election, it is intended that the person acting under proxy in favour of Management will vote for the election in his or her stead of such other person as management of the Company may recommend. Management has no reason to believe that any of the nominees for election as directors will be unable to serve if elected to office and Management is not aware of any amendment or other business likely to be brought before the Meeting.

If I change my mind, how can I revoke my proxy?

You may revoke your proxy at any time by an instrument in writing (which includes another form of proxy with a later date) executed by you, or by your attorney (duly authorized in writing), and (i) deposited with the Corporate Secretary of the Company at the registered office of the Company (935 de La Gauchetière Street West, Montréal,

Quebec, Canada, H3B 2M9) at any time up to and including 5:00 p.m. (Eastern Daylight Time) on the last business day preceding the day of the Meeting or any adjournment or postponement thereof, or (ii) filed with the chair of the Meeting on the day of the Meeting or any adjournment or postponement thereof, or in any other manner permitted by law or in the case of a vote over the internet, by way of a subsequent internet vote.

2. VOTING IN PERSON

If you wish to vote in person, you may present yourself to a representative of Computershare Trust Company of Canada at the registration table. Your vote will be taken and counted at the Meeting. If you wish to vote in person at the Meeting, do not complete or return the form of proxy.

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How do I vote if I am a non-registered shareholder?

If your common shares are not registered in your name and are held in the name of a nominee such as a trustee, financial institution or securities broker, you are a "non-registered shareholder". If your common shares are listed in an account statement provided to you by your broker, those common shares will, in all likelihood, not be registered in your name. Such common shares will more likely be registered under the name of your broker or an agent of that broker. Without specific instructions, brokers and their agents or nominees are prohibited from voting shares for the broker's client. If you are a non-registered shareholder, there are two ways you can vote your common shares, as listed below:

1. GIVING YOUR VOTING INSTRUCTIONS

Applicable securities laws require your nominee to seek voting instructions from you in advance of the Meeting. Accordingly, you will receive or have already received from your nominee a request for voting instructions for the number of common shares you hold. Every nominee has its own mailing procedures and provides its own signature and return instructions, which should be carefully followed by non-registered shareholders to ensure that their common shares are voted at the Meeting.

2. VOTING IN PERSON

However, if you wish to vote in person at the Meeting, insert your own name in the space provided on the request for voting instructions provided by your nominee to appoint yourself as proxy holder and follow the signature and return instructions of your nominee. Non-registered shareholders who appoint themselves as proxy holders should present themselves at the Meeting to a representative of Computershare Trust Company of Canada. Do not otherwise complete the request for voting instructions sent to you as you will be voting at the Meeting.

Non-registered shareholders are either "objecting beneficial owners" or "OBOs" who object that intermediaries disclose information about their ownership in the Company, or "non-objecting beneficial owners" or "NOBOs", who do not object to such disclosure. The Company pays intermediaries to send proxy-related materials to OBOs and NOBOs.

How do I vote if I own Employee Shares?

Common shares purchased by employees of the Company under its Canadian and U.S. Employee Share Investment Plans and its Union and Management Savings Plans for U.S. Operations (the "Plans"), are known as "Employee Shares". Employee Shares remain registered in the name of the Plans' Custodian (the "Custodian"), unless the employees have withdrawn their common shares from the Plans in accordance with their provisions.

Voting rights attached to the Employee Shares that are registered in the name of the Custodian can be exercised by employees, or their attorneys authorized in writing, by indicating on the enclosed voting instruction form the necessary directions to the Custodian or any other person or company (who need not be a shareholder) as to how they wish their Employee Shares to be voted at the Meeting. Beneficial owners of Employee Shares may also give such voting instructions by telephone or over the internet. The Employee Shares will be voted pursuant to the directions of the beneficial owner. If no choice is specified for an item, the Employee Shares will be voted in accordance with Management's recommendations mentioned above and at the discretion of the Custodian or such other person indicated, in respect of amendments to the items mentioned on the enclosed voting instruction form or on such other business as may properly be brought before the Meeting. Only Employee Shares in respect of which a voting instruction form has been signed and returned (or in respect of which the employee has given voting instructions by telephone or over the internet) will be voted. If you wish to vote Employee Shares in person at the Meeting, refer to paragraph 2 of the section entitled "How do I vote if I am a non-registered shareholder?"

A holder of Employee Shares may revoke his or her directions, as indicated on a voting instruction form, at any time by an instrument in writing executed by the holder of Employee Shares, or by the holder's attorney duly authorized in writing, provided such written instrument indicating the holder's intention to revoke is (i) deposited with the Corporate Secretary of CN at the registered office of CN at any time up to and including 5:00 p.m. (Eastern Daylight Time) on the last business day preceding the day of the Meeting or any adjournment or postponement thereof, or (ii) filed with the chair of the Meeting on the day of the Meeting or any adjournment or postponement thereof, or in any other manner permitted by law, or in the case of directions given by telephone or over the internet, by way of subsequent telephone or internet directions.

The voting instruction form must be used only with respect to Employee Shares. In the event that an employee holds common shares outside the Plans, he or she must also complete the enclosed form of proxy with respect to such additional common shares. No form of proxy is to be completed with respect to Employee Shares.

CN MANAGEMENT INFORMATION CIRCULAR 2014

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BUSINESS OF THE MEETING

Financial Statements

Our consolidated financial statements for the year ended December 31, 2013, together with the auditors' reports thereon, are included in the 2013 Annual Report of the Company, available on our website at www.cn.ca, on SEDAR at www.sedar.com, in the Company's annual report on Form 40-F available on EDGAR at www.sec.gov, and in print, free of charge, to any shareholder who requests copies by contacting our Corporate Secretary at (514) 399-7091 or Investor Relations at (514) 399-0052.

Election of Directors

Our articles of incorporation, as amended, provide that our Board of Directors shall consist of a minimum of seven and a maximum of 21 directors (hereinafter the "Board" or "Board of Directors"). Pursuant to a resolution of the Board of Directors, 13 persons are to be elected as directors for the current year, each to hold office until the next annual meeting of shareholders or until such person's successor is elected or appointed.

The term of office of each of the present directors expires at the close of the Meeting. The persons named in the section entitled "Nominees for Election to the Board — Description of Nominees" will be presented for election at the Meeting as Management's nominees. All of the nominees proposed for election as directors are currently directors of the Company, except for Mr. Kevin G. Lynch, Mr. Robert L. Phillips and Ms. Laura Stein, whom are being proposed for election at the Meeting. Mr. Michael R. Armellino, Mr. Hugh J. Bolton and Mr. David G.A. McLean are not standing for re-election at the Meeting. All persons nominated were recommended to the Board of Directors by the Corporate Governance and Nominating Committee. Information relating to Messrs. Armellino, Bolton and McLean does not appear below along with the information regarding the 13 proposed nominees for election as directors of the Company. Nevertheless, because Messrs. Armellino, Bolton and McLean acted as directors up to the Meeting, information concerning them appears in the other sections of this Information Circular that pertain to the members of the Board.

Unless authority is withheld, the persons designated in the accompanying form of proxy or voting instruction form intend to vote FOR the election of the persons named in the section entitled "Nominees for Election to the Board — Description of Nominees". These nominees are, in the opinion of the Board of Directors and Management, well qualified to act as directors of the Company for the ensuing year and have confirmed their willingness to serve as directors. The Board of Directors and Management do not contemplate that any of these nominees will be unable to serve as a director, but should that occur for any reason before the Meeting, the persons designated in the accompanying form of proxy or voting instruction form reserve the right to vote for another nominee at their discretion unless the shareholder who has given such proxy or voting instruction form has directed that the common shares be withheld from voting on the election of any of the directors.

Appointment of Auditors

The Board of Directors and the Audit Committee recommend that KPMG LLP be appointed to serve as our auditors until the next annual meeting of shareholders. Unless authority is withheld, the persons designated in the accompanying form of proxy or voting instruction form intend to vote FOR the appointment of KPMG LLP as

auditors of the Company to hold office until the next annual meeting of shareholders.

Advisory Vote on Executive Compensation

Similarly to last year, the Company is again providing its shareholders with an opportunity to cast at its annual meeting an advisory vote on the Company's approach to executive compensation, as disclosed in the Statement of Executive Compensation section of this Information Circular. Such section describes the role of the Human Resources and Compensation Committee in overseeing compensation of executives and ensuring that it is linked to the Company's three-year business plan. The section also describes the Company's executive compensation principles, the structure of the compensation plans for executives, and the alignment of such plans with the interests of our shareholders.