

SMITH DAVID BYRON JR  
 Form 4  
 April 22, 2010

**FORM 4**

UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 SMITH DAVID BYRON JR

2. Issuer Name and Ticker or Trading Symbol  
 NORTHERN TRUST CORP  
 [NTRS]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
 50 SOUTH LASALLE STREET  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 04/20/2010

Director  10% Owner  
 Officer (give title below)  Other (specify below)

CHICAGO, IL 60603

(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
Common Stock <sup>(1)</sup>	04/20/2010		A	V	1,625.43	A	\$ 0	1,625.43	D	
Common Stock					12,000				D	
Common Stock					1,362,880				I	By Trust <sup>(2)</sup>
Common Stock					1,064				I	By Trust <sup>(3)</sup>
Common Stock					1,064				I	By Trust <sup>(4)</sup>

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Common Stock 1,064 I By Trust (5)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned (Instr. 5)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other

SMITH DAVID BYRON JR  
 50 SOUTH LASALLE STREET X  
 CHICAGO, IL 60603

## Signatures

Paul A. Bernacki, Attorney-in-Fact for David H.B. Smith, Jr. 04/22/2010  
 \_\_Signature of Reporting Person Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Represents stock units payable automatically on a 1-for-1 basis in shares of the Corporation's common stock.
- (2) These shares are held in a trust of which reporting person has a partial direct pecuniary interest.
- (3) These shares are held in a trust for the benefit of the reporting person's minor child, of which the reporting person is a co-trustee.
- (4) These shares are held in a trust for the benefit of the reporting person's minor child, of which the reporting person is a co-trustee.

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(5) These shares are held in a trust for the benefit of the reporting person's minor child, of which the reporting person is a co-trustee.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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