

NATIONAL INSTRUMENTS CORP /DE/
 Form 4
 May 31, 2007

FORM 4

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

OMB APPROVAL

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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 *
KODOSKY JEFFREY L

2. Issuer Name and Ticker or Trading Symbol
NATIONAL INSTRUMENTS CORP /DE/ [NATI]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
05/29/2007

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

C/O NATIONAL INSTRUMENTS CORP, 11500 N. MOPAC EXPRESSWAY

(Street)

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

AUSTIN, TX 78759

(City) (State) (Zip)

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)
			Code	V Amount or (D) Price			
Common Stock	05/29/2007		S	2,000 (1) D \$ 31.3	1,148,390	D	
Common Stock	05/30/2007		S	1,000 (1) D \$ 30.85	1,147,390	D	
Common Stock	05/29/2007		S	2,000 (1) D \$ 31.3	1,148,391	I	by Spouse
Common Stock	05/30/2007		S	1,000 (1) D \$ 30.85	1,147,391	I	by Spouse
	05/29/2007		S	200 (1) D \$ 31.3	703,174	I	

Common Stock									by Laura Kodosky trust
Common Stock	05/30/2007		S	100 ⁽¹⁾	D	\$ 30.85	703,074	I	by Laura Kodosky trust
Common Stock	05/29/2007		S	200 ⁽¹⁾	D	\$ 31.3	703,174	I	by Karen Kodosky trust
Common Stock	05/30/2007		S	100 ⁽¹⁾	D	\$ 30.85	703,074	I	by Karen Kodosky trust

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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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

KODOSKY JEFFREY L
C/O NATIONAL INSTRUMENTS CORP
11500 N. MOPAC EXPRESSWAY
AUSTIN, TX 78759

X

Signatures

David G. Hugley as attorney-in-fact for Jeffrey L.
Kodosky

05/31/2007

__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) Shares were sold under Reporting Person's 10(b)5-1 Plan.

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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