Rapp Karen Marie Form 4 November 16, 2017

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

10% Owner

Other (specify

7. Nature of

Indirect

Estimated average burden hours per

response... 0.5

if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Rapp Karen Marie

2. Issuer Name and Ticker or Trading Symbol

NATIONAL INSTRUMENTS CORP [NATI]

3. Date of Earliest Transaction

(Month/Day/Year) 11/01/2017

5. Relationship of Reporting Person(s) to

Issuer

below)

(Check all applicable)

CFO, Treasurer & EVP

C/O NATIONAL INSTRUMENTS CORPORATION, 11500 NORTH

(Street)

(First)

(Middle)

MOPAC

1.Title of

(Last)

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

Director

X_ Officer (give title

X Form filed by One Reporting Person Form filed by More than One Reporting

AUSTIN, TX 78759

(City) (State) (Zip)

2. Transaction Date 2A. Deemed

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

Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) (Instr. 3) Code (Instr. 3, 4 and 5) (Month/Day/Year) (Instr. 8) (A)

Owned Following Reported Transaction(s)

5. Amount of

Securities

Beneficially

Form: Direct Beneficial (D) or Ownership Indirect (I) (Instr. 4) (Instr. 4)

Ownership

4. Securities Acquired

Code V Amount (D) Price

(Instr. 3 and 4)

Common 11/01/2017 Stock

V 268 (1) A

268

D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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1. Title of	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Tit		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	execution Date, if any (Month/Day/Year)	Code (Instr. 8)	ofNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			Secur	rlying	Derivative Security (Instr. 5)	Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Rapp Karen Marie C/O NATIONAL INSTRUMENTS CORPORATION 11500 NORTH MOPAC AUSTIN, TX 78759

CFO, Treasurer & EVP

Signatures

David G. Hugley as attorney-in-fact for Karen Marie
Rapp
11/16/2017

**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) Acquisition of stock under Issuer's employee stock purchase plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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