

ION GEOPHYSICAL CORP
 Form 4
 December 21, 2016

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 *
LAPEYRE JAMES M JR

(Last) (First) (Middle)

2105 CITYWEST
 BOULEVARD, SUITE 100

(Street)

HOUSTON, TX 77042-2855

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
ION GEOPHYSICAL CORP [IO]

3. Date of Earliest Transaction
 (Month/Day/Year)
 12/19/2016

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

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 Ownership (Instr. 4)
				Code V Amount (A) or (D) Price			
Common Stock	12/19/2016		P	10,800 (1) A \$ 7.1626 (2)	958,209	I	Shares held by Laitram, LLC
Common Stock	12/20/2016		P	11,000 (1) A \$ 7.0751 (3)	969,209	I	Shares held by Laitram, LLC
Common Stock					157,773	D	
Common Stock					699	I	Co-Trustee for Children
					32,850	I	

Common Stock							Joint account with adult child (J)
Common Stock					32,850	I	Joint account with adult child (K)
Common Stock					33,702	I	Joint account with adult child (S)

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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(9-02)

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 Following Transaction (Instr. 3 and 4)
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V (A) (D)		

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LAPEYRE JAMES M JR 2105 CITYWEST BOULEVARD SUITE 100 HOUSTON, TX 77042-2855	X	X		

Signatures

Rebecca F. Sacco,
attorney-in-fact

12/21/2016

__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) Open market purchase pursuant to a 10b5-1 trading plan adopted by the Reporting Person, in accordance with Rule 10b5-1 of the Securities Exchange Act of 1934, as amended.

This transaction was executed in multiple trades at prices ranging from \$7.05 to \$7.275, inclusive. The price set forth above reflects the weighted-average price per share. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transactions were effected.
- (2) This transaction was executed in multiple trades at prices ranging from \$7.00 to \$7.20, inclusive. The price set forth above reflects the weighted-average price per share. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transactions were effected.
- (3) This transaction was executed in multiple trades at prices ranging from \$7.00 to \$7.20, inclusive. The price set forth above reflects the weighted-average price per share. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transactions were effected.

Remarks:

The Reporting Person disclaims beneficial ownership of all securities shown as indirectly owned by him.

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.