SCHWAUSCH SCOTT

Form 4

December 19, 2017

FORM 4

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

OMB 3235-0287

Estimated average

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Number: January 31, 2005

OMB APPROVAL

Form 4 or Form 5 obligations may continue.

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

burden hours per response... 0.5

See Instruction

1(b).

(Print or Type Responses)

| 1. Name and Address of Reporting Person * SCHWAUSCH SCOTT | 2. Issuer Name and Ticker or Trading Symbol ION GEOPHYSICAL CORP [IO] | 5. Relationship of Reporting Person(s) to Issuer | | | |
|-----------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--|--|--|
| (Last) (First) (Middle) | 3. Date of Earliest Transaction | (Check all applicable) | | | |
| | (Month/Day/Year) | Director 10% Owner | | | |
| 2105 CITYWEST | 12/15/2017 | X Officer (give title Other (specify below) VP & Corp Controller | | | |
| BOULEVARD, SUITE 100 | | | | | |
| (Street) | 4. If Amendment, Date Original | 6. Individual or Joint/Group Filing(Check | | | |
| HOUSTON, TX 77042-2855 | Filed(Month/Day/Year) | Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person | | | |

| (City) | (State) | (Zip) Table | e I - Non-D | erivative | Secur | ities Acq | uired, Disposed o | f, or Beneficial | ly Owned |
|--------------------------------------|--------------------------------------|-------------------------------------------------------------|----------------------------------------|--------------|------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transactio Code (Instr. 8) | (Instr. 3, | ispose 4 and (A) or | d of (D) 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 | 12/15/2017 | | Code V $M_{\underline{(1)}}$ | Amount 6,666 | (D) | Price \$ 3.1 | 11,003 | D | |
| Common Stock | 12/15/2017 | | D <u>(1)</u> | 6,666 | D | \$ 13.05 | 4,337 | D | |

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

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SEC 1474

(9-02)

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

| Derivative Security (Instr. 3) | Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | | Transaction Code (Instr. 8) | S. Number opposed of | Expiration Date (Month/Day/Year) | | Underlying Secur (Instr. 3 and 4) | |
|--------------------------------|-----------------------------------------------------------------|--------------------------------------|--|-----------------------------------|-------------------------|----------------------------------|--------------------|-----------------------------------|------------------------------|
| | | | | (Instr. 3, 4, and 5) | ŕ | Date Exercisable | Expiration Date | Title | Am or Nur of Sha |
| Stock Appreciation Right | \$ 3.1 | 12/15/2017 | | M <u>(1)</u> | 6,666 | 03/01/2017(2) | 03/01/2026 | Common Stock | 6, |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

SCHWAUSCH SCOTT 2105 CITYWEST BOULEVARD SUITE 100 HOUSTON, TX 77042-2855

VP & Corp Controller

Signatures

Rebecca F. Sacco, attorney-in-fact 12/19/2017

**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).
- Exercise of cash-settled SARs. In accordance with the rules for filing Form 4, the exercise of cash-settled SARs is treated as the simultaneous purchase of the number of shares for which SARs are exercised and the sale of the same number of shares. No shares actually changed hands.
- (2) Compensation Committee approved acceleration of the vesting of the second tranche on 12/13/2017. Final tranche to vest as scheduled on 03/01/2019.

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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