

Hanson R Brian  
 Form 4  
 December 19, 2017

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL  
 OMB Number: 3235-0287  
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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 \*  
 Hanson R Brian

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
 2105 CITYWEST  
 BOULEVARD, SUITE 100

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 12/15/2017

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

(Street)  
 HOUSTON, TX 77042-2855

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

(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  | (D)  | Price   |
| Common Stock                    | 12/15/2017                           |  | M <sup>(1)</sup>               |   | 200,000   | A  | \$ 3.1  |
| Common Stock                    | 12/15/2017                           |  | D <sup>(1)</sup>               |   | 200,000   | D  | \$ 13.05  |
| Common Stock                    |                                      |  |                                |   |   | I  | 666   |
|                                 |                                      |  |                                |   |   |  | Shares held by Spouse                                 |

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

SEC 1474 (9-02)

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)

| 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 Underlying Security (Instr. 3 and 4) |              |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--------------|
|  |  |                                      |  | Code                           | V (A) (D)   | Date Exercisable   | Expiration Date                                   | Title        |
| Stock Appreciation Right                   | \$ 3.1   | 12/15/2017                           |  | M <sup>(1)</sup>               | 200,000   | 03/01/2017 <sup>(2)</sup>                                | 03/01/2026  | Common Stock |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |                 |       |
|--|---------------|-----------|-----------------|-------|
|  | Director      | 10% Owner | Officer         | Other |
| Hanson R Brian<br>2105 CITYWEST BOULEVARD<br>SUITE 100<br>HOUSTON, TX 77042-2855 | X             |           | President & CEO |       |

## 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

(1) 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.