#### ION GEOPHYSICAL CORP

Form 4

December 05, 2011

### FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** 

**OMB APPROVAL** 

Number:

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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 * MYERS FRANKLIN |   |                | 2. Issuer Name and Ticker or Trading Symbol ION GEOPHYSICAL CORP [IO] |   |        |            |   |   | 5. Relationship of Reporting Person(s) to Issuer |                     |                        |  |
|--|---|----------------|---|---|--------|------------|---|---|--|---------------------|------------------------|--|
|  |   |                |   |   | 111 [1 | .Oj        | (Check all applicable)  |   |  |                     |                        |  |
| (Last)   | (First)   | (Middle)       | 3. Date of Earliest Transaction                                       |   |        |            |   |   |  |                     |                        |  |
| 2105 CUEVANIEGE  |   |                | (Month/Day/Year)  |   |        |            |   |   | _X_ Director                                     |                     | 6 Owner<br>er (specify |  |
| 2105 CITYWEST  |   |                | 04/12/2   | 04/12/2011                                      |        |            |   |   | below)   | below)              | er (speerry            |  |
| BOULEVARD, SUITE 400                                     |   |                |   |   |        |            |   |   |  |                     |                        |  |
|  | (Street)  |                | 4. If Amendment, Date Original  |   |        |            |   | 6. Individual or Joint/Group Filing(Check |  |                     |                        |  |
| File   |   |                |   | Filed(Month/Day/Year)                           |        |            |   |   | Applicable Line)                                 |                     |                        |  |
| *************  |   |                |   |   |        |            | _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person |   |  |                     |                        |  |
| HOUSTON  |   |                |   |   |        |            |   |   |  |                     |                        |  |
| (City)   | (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |                |   |   |        |            |   |   |  |                     |                        |  |
| 1.Title of   | 2. Transaction D  | ate 2A. Dee    | emed  | 3.  |        | 4. Securit | ies Ac  | quired                                    | 5. Amount of                                     | 6. Ownership        | 7. Nature of           |  |
| · · · · · · · · · · · · · · · · · · ·                    |   |                | on Date, if   | * /   |        |            |   |   | Securities                                       | Form: Direct (D) or | Indirect               |  |
| (Instr. 3)   |   | any<br>(Month) | 'Day/Year)  | Code (Instr. 3, 4 and 5)<br>ay/Year) (Instr. 8) |        |            | ))  | Beneficially<br>Owned                     | Beneficial<br>Ownership                          |                     |                        |  |
|  |   | (William)      | Day/Teal)   | (msu.   | 0)     |            |   |   | Following  | (Instr. 4)          |                        |  |
|  |   |                |   |   |        |            | (4)   |   | Reported   | (Instr. 4)          |                        |  |
|  |   |                |   |   |        |            | (A) or  |   | Transaction(s)                                   |                     |                        |  |
|  |   |                |   | Code  | V      | Amount     | (D)   | Price                                     | (Instr. 3 and 4)                                 |                     |                        |  |
| Common   | 04/12/2011  |                |   | C   |        | 12 000     | D   | \$ 0                                      | 42 000   | D                   |                        |  |
| Stock  | 04/12/2011  |                |   | G   |        | 12,000     | D   | \$ U                                      | 42,000   | D                   |                        |  |
| Common   |   |                |   |   |        |            |   |   |  |                     |                        |  |
| Stock  | 12/01/2011  |                |   | A   |        | 12,000     | A   | \$0                                       | 54,000   | D                   |                        |  |
| SIUCK  |   |                |   |   |        |            |   |   |  |                     |                        |  |
| Common   | 12/05/2011  |                |   | P   |        | 6,000      | Δ   | \$  | 60,000   | D                   |                        |  |
| Stock  | 12/03/2011  |                |   | 1   |        | 0,000      | 11  | 5.95                                      | 00,000   | D                   |                        |  |

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

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#### number.

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

| 1. Title of | 2.          | 3. Transaction Date | 3A. Deemed         | 4.         | 5.         | 6. Date Exerc | cisable and | 7. Titl | e and    | 8. Price of | 9. Nu  |
|-------------|-------------|---------------------|--------------------|------------|------------|---------------|-------------|---------|----------|-------------|--------|
| Derivative  | Conversion  | (Month/Day/Year)    | Execution Date, if | Transactio | onNumber   | Expiration Da | ate         | Amou    | nt of    | Derivative  | Deriv  |
| Security    | or Exercise |                     | any                | Code       | of         | (Month/Day/   | Year)       | Under   | lying    | Security    | Secui  |
| (Instr. 3)  | Price of    |                     | (Month/Day/Year)   | (Instr. 8) | Derivative | e             |             | Securi  | ities    | (Instr. 5)  | Bene   |
|             | Derivative  |                     |                    |            | Securities |               |             | (Instr. | 3 and 4) |             | Owne   |
|             | Security    |                     |                    |            | Acquired   |               |             |         |          |             | Follo  |
|             |             |                     |                    |            | (A) or     |               |             |         |          |             | Repo   |
|             |             |                     |                    |            | Disposed   |               |             |         |          |             | Trans  |
|             |             |                     |                    |            | of (D)     |               |             |         |          |             | (Instr |
|             |             |                     |                    |            | (Instr. 3, |               |             |         |          |             |        |
|             |             |                     |                    |            | 4, and 5)  |               |             |         |          |             |        |
|             |             |                     |                    |            |            |               |             |         | A        |             |        |
|             |             |                     |                    |            |            |               |             |         | Amount   |             |        |
|             |             |                     |                    |            |            | Date          | Expiration  | TC:41   | or       |             |        |
|             |             |                     |                    |            |            | Exercisable   | Date        | Title   | Number   |             |        |
|             |             |                     |                    | G 1 17     | (A) (D)    |               |             |         | of       |             |        |
|             |             |                     |                    | Code V     | (A) (D)    |               |             |         | Shares   |             |        |

# **Reporting Owners**

| Reporting Owner Name / Address   | Relationships |           |         |       |  |  |  |
|--|---------------|-----------|---------|-------|--|--|--|
| •  | Director      | 10% Owner | Officer | Other |  |  |  |
| MYERS FRANKLIN<br>2105 CITYWEST BOULEVARD<br>SUITE 400<br>HOUSTON, TX 77042-2839 | X             |           |         |       |  |  |  |
| <u> </u>   |               |           |         |       |  |  |  |

### **Signatures**

/s/ Debra A. Addington, attorney-in-fact 12/05/2011

\*\*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).

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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