#### APPELBAUM BRUCE S

Form 4

December 10, 2007

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**OMB** Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average

burden hours per

**OMB APPROVAL** 

response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

**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

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person \* APPELBAUM BRUCE S

2. Issuer Name and Ticker or Trading Symbol

ION GEOPHYSICAL CORP [IO]

5. Relationship of Reporting Person(s) to

Issuer

(Middle)

(Check all applicable)

(First)

2105 CITYWEST **BOULEVARD, SUITE 400**  3. Date of Earliest Transaction

(Month/Day/Year) 12/01/2007

X\_ Director 10% Owner Other (specify Officer (give title

6. Individual or Joint/Group Filing(Check

(Instr. 4)

below)

(Street)

4. If Amendment, Date Original

(Instr. 8)

Applicable Line)

Filed(Month/Day/Year)

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

HOUSTON, TX 77042-2839

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (I) Ownership

(Instr. 4)

(A)

Following Reported Transaction(s)

or Code V Amount (D) Price

(Instr. 3, 4 and 5)

(Instr. 3 and 4)

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)

1. Title of Derivative Conversion

or Exercise

Security

3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if any

5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

#### Edgar Filing: APPELBAUM BRUCE S - Form 4

(Instr. 3)	Price of Derivative Security	(	(Month/Day/Year)	(Instr.	- 1	Acquired or Dispose (D) (Instr. 3, 4 and 5)	ed of				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option to purchase common stock (1)	\$ 15.43	12/01/2007		A		12,500		12/01/2007	12/01/2017	Common Stock	12,500

# **Reporting Owners**

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
APPELBAUM BRUCE S 2105 CITYWEST BOULEVARD SUITE 400 HOUSTON, TX 77042-2839	X					
0:						

## **Signatures**

/s/ Debra A. Addington, attorney-in-fact

\*\*Signature of Reporting Person

## **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).

Date

(1) Issued pursuant to the ION Geophysical Corporation 2004 Long-term Incentive 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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