

MORRISON MICHAEL L
 Form 4
 March 02, 2011

FORM 4

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

OMB APPROVAL

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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 *
 MORRISON MICHAEL L

(Last) (First) (Middle)
 2105 CITYWEST
 BOULEVARD, SUITE 400
 (Street)

HOUSTON, TX 77042-2839

(City) (State) (Zip)

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

3. Date of Earliest Transaction
 (Month/Day/Year)
 02/28/2011

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)
 VP & Corp Controller

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common stock	02/28/2011		M	6,000 A \$ 9.44	22,023 ⁽¹⁾	D	
Common stock	02/28/2011		M	5,000 A \$ 7.31	27,023	D	
Common stock	02/28/2011		M	5,000 A \$ 3	32,023	D	
Common stock	02/28/2011		S	16,000 D \$ 12.7534	16,023	D	

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

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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)	Amount or Number of Shares
Employee stock option (right-to-buy)	\$ 9.44	02/28/2011		M	6,000	<u>(2)</u> 06/07/2012	Common stock	6,000
Employee stock option (right-to-buy)	\$ 7.31	02/28/2011		M	5,000	<u>(3)</u> 08/02/2015	Common stock	5,000
Employee stock option (right-to-buy)	\$ 3	02/28/2011		M	5,000	<u>(4)</u> 12/01/2018	Common stock	5,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MORRISON MICHAEL L 2105 CITYWEST BOULEVARD SUITE 400 HOUSTON, TX 77042-2839			VP & Corp Controller	

Signatures

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

03/02/2011

**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).

- (1) Includes 87 shares acquired under the ION Employee Stock Purchase Plan.
- (2) The option became exercisable in four equal annual installments beginning on June 7, 2003.
- (3) The option became exercisable in four equal annual installments beginning on August 2, 2006.
- (4) The option became exercisable in four equal annual installments beginning on December 1, 2009.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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