

SECURITIES AND EXCHANGE COMMISSION

FORM 3

Filing Date: **2007-12-04** | Period of Report: **2007-12-01**
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ISSUER

ION GEOPHYSICAL CORP

CIK: **866609** | IRS No.: **222286646** | State of Incorporation: **DE** | Fiscal Year End: **1231**
SIC: **3829** Measuring & controlling devices, nec

Mailing Address
2101 CITYWEST BLVD
BUILDING III, SUITE 400
HOUSTON TX 77042

Business Address
2101 CITYWEST BLVD
BUILDING III, SUITE 400
HOUSTON TX 77042
281.933.3339

REPORTING OWNER

Ledet Charles J

CIK: **1419565**
Type: **3** | Act: **34** | File No.: **001-12691** | Film No.: **071283614**

Mailing Address
2105 CITYWEST BOULEVARD
SUITE 400
HOUSTON TX 77042-2839

Business Address
281-552-3308

**UNITED STATES SECURITIES AND EXCHANGE
COMMISSION**

Washington, D.C. 20549

OMB APPROVAL

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**INITIAL STATEMENT OF 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

1. Name and Address of Reporting Person Ledet Charles J (Last) (First) (Middle) 2105 CITYWEST BOULEVARD, SUITE 400 (Street) HOUSTON, TX 77042-2839 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 12/01/2007	3. Issuer Name and Ticker or Trading Symbol ION GEOPHYSICAL CORP [IO]		
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) ____ Director _____ 10% Owner <input checked="" type="checkbox"/> Officer (give title below) _____ Other (specify below) EVP-COO of ION Systems		5. If Amendment, Date Original Filed (Month/Day/Year)
				6. Individual or Joint/Group Filing (Check applicable line) <input checked="" type="checkbox"/> Form Filed by One Reporting Person ____ Form Filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common stock	24,959	D	

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Employee Stock Option (Right to buy)	02/01/2000 ⁽¹⁾	02/01/2009	Common stock	30,000	\$6.375	D	
Employee Stock Option (Right to buy)	04/04/2001 ⁽¹⁾	04/04/2010	Common stock	15,000	\$5.8125	D	
Employee Stock Option (Right to buy)	05/01/2002 ⁽¹⁾	05/01/2011	Common stock	12,500	\$11.1	D	
Employee Stock Option (Right to buy)	05/17/2003 ⁽¹⁾	05/17/2012	Common stock	10,000	\$9.38	D	
Employee Stock Option (Right to buy)	04/21/2004 ⁽¹⁾	04/21/2013	Common stock	12,500	\$3.35	D	
Employee Stock Option (Right to buy)	09/01/2005 ⁽²⁾	09/01/2014	Common stock	25,000	\$9.84	D	
Employee Stock Option (Right to buy)	05/31/2006 ⁽²⁾	05/31/2015	Common stock	40,000	\$6.2	D	
Employee Stock Option (Right to buy)	09/01/2007 ⁽²⁾	09/01/2016	Common stock	25,000	\$9.97	D	

Explanation of Responses:

1. The option became exercisable in four equal annual installments beginning on the date specified in Column 2.
2. The option becomes exercisable in four equal annual installments beginning on the date specified in Column 2.

Signatures

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

** Signature of Reporting Person

12/04/2007

Date

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

* 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

LIMITED POWER OF ATTORNEY FOR
SECTION 16 REPORTING OBLIGATIONS

KNOW ALL BY THESE PRESENTS, that the undersigned hereby makes, constitutes and appoints David L. Roland and Debra A. Addington, or either of them, as the undersigned's true and lawful attorney-in-fact, with full power and authority as hereinafter described on behalf of and in the name, place and stead of the undersigned to:

(1) prepare, execute, acknowledge, deliver and file Forms 3, 4, and 5 (including any amendments thereto) with respect to the securities of Input/Output, Inc., a Delaware corporation (the "Company"), with the United States Securities and Exchange Commission, any national securities exchanges and the Company, as considered necessary or advisable under Section 16(a) of the Securities Exchange Act of 1934 and the rules and regulations promulgated thereunder, as amended from time to time (the "Exchange Act");

(2) seek or obtain, as the undersigned's representative and on the undersigned's behalf, information on transactions in the Company's securities from any third party, including brokers, employee benefit plan administrators and trustees, and the undersigned hereby authorizes any such person to release any such information to the undersigned and approves and ratifies any such release of information; and

(3) perform any and all other acts which in the discretion of such attorney-in-fact are necessary or desirable for and on behalf of the undersigned in connection with the foregoing.

The undersigned acknowledges that:

(1) this Power of Attorney authorizes, but does not require, such attorney-in-fact to act in their discretion on information provided to such attorney-in-fact without independent verification of such information;

(2) any documents prepared and/or executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney will be in such form and will contain such information and disclosure as such attorney-in-fact, in his or her discretion, deems necessary or desirable;

(3) neither the Company nor such attorney-in-fact assumes (i) any liability for the undersigned's responsibility to comply with the requirement of the Exchange Act, (ii) any liability of the undersigned for any failure to comply with such requirements, or (iii) any obligation or liability of the undersigned for profit disgorgement under Section 16(b) of the Exchange Act; and

(4) this Power of Attorney does not relieve the undersigned from responsibility for compliance with the undersigned's obligations under the Exchange Act, including without limitation the reporting requirements under Section 16 of the Exchange Act.

The undersigned hereby gives and grants the foregoing attorney-in-fact full power and authority to do and perform all and every act and thing whatsoever requisite, necessary or appropriate to be done in and about the foregoing matters as fully to all intents and purposes as the undersigned might or could

do if present, hereby ratifying all that such attorney-in-fact of, for and on behalf of the undersigned, shall lawfully do or cause to be done by virtue of this Limited Power of Attorney.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to such attorney-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 12 day of November, 2007.

/s/ Charles J. Ledet
Signature

Charles J. Ledet
Print Name

STATE OF TEXAS
COUNTY OF HARRIS

On this 12 day of November 2007, Charles J. Ledet personally appeared before me, and acknowledged that s/he executed the foregoing instrument for the purposes therein contained.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

/s/ Debra A. Addington
Notary Public

My Commission Expires: January 17, 2011