ION GEOPHYSICAL CORP Form SC 13G May 11, 2012

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

ION Geophysical Corp

(Name of Issuer)

Voting Shares of Common Stock

(Title of Class of Securities)

462044108

(CUSIP Number)

4/30/12

Date of Event Which Requires Reporting

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [X] Rule 13d-1(b)
- [ ] Rule 13d-1(c)
- [ ] Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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CUSIP No. 462044108

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NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

St. Denis J. Villere & Company, L.L.C. I.R.S. Identification No. 72-0343760

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2.	CHECK TH		RIATE BOX IF A MEN a) / /		A GROUP* b) / X /					
3.	SEC USE ONLY									
4.	CITIZENSHIP OR PLACE OR ORGANIZATION Louisiana									
NUMBER OF	7		SOLE VOTING POWER	1	,119,850 					
BENEFICIALLY OWNED BY		6.	SHARED VOTING PON		,859,700 					
EACH	REPORTING		SOLE DISPOSITIVE POWER 1,119,850							
PERSON			SHARED DISPOSITIVE POWER 6,859,700							
WITH 9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 7,979,550 Shares									
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* N/A									
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 5.12%									
12.		REPORTIN	G PERSON*							
		*SEE	INSTRUCTION BEFORE	E FILLI	NG OUT!					
			Page 2 of 5	pages						

### SCHEDULE 13G

#### ITEM 1.

This Schedule 13G relates to shares of the Voting Shares of Common Stock (the "Shares") of ION Geophysical Corp. a Delaware corporation (the "Issuer"), whose principal executive offices are located at 2105 CityWest Blvd Ste 400 Houston, TX 77042.

ITEM 2.

(a) - (c) The person filing this Schedule 13G is St. Denis J.

Villere & Company, L.L.C., a Louisiana limited liability company ("Villere"), with its principal business office located at 601 Poydras St. New Orleans, LA 70130.

- (d) Title of Class of Securities: Voting Shares of Common Stock
- (e) CUSIP Number: 462044108

ITEM 3.

Villere is filing this Schedule 13G as an Investment Adviser registered under Section 203 of the Investment Advisers Act of 1940.

ITEM 4. Ownership.

(a) - (c) As of April 30, 2012, Villere was deemed to have or share voting or dispositive power over, and therefore to own beneficially, the number and percentage of Shares of the Issuer indicated below:

Number	Percentage of	Sole	Shared	Sole	Sha
of	Outstanding	Voting	Voting	Dispositive	Dis
Shares	Shares	Power	Power	Power	Pow
7,979,550	5.12%	1,119,850	6,859,700	1,119,850	6,8
1, 313, 330	J • 1 Z · 0	1,119,000	0,000,700	1,119,000	0,0

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ITEM 5. Ownership of Five Percent or Less of a Class.

Not Applicable

ITEM 6. Ownership of More than Five Percent on Behalf of Another Person.

Not Applicable

ITEM 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.

Not Applicable

ITEM 8. Identification and Classification of Members of the Group.

Not Applicable

ITEM 9. Notice of Dissolution of Group.

Not Applicable

ITEM 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and held in the ordinary course of business and were not acquired and are not held for the

purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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#### SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: May 9, 2012

ST. DENIS J. VILLERE & COMPANY, L.L.C.

By: /s/ George Young

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George Young Member

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