

ION GEOPHYSICAL CORP

Form 8-K

December 17, 2007

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

**FORM 8-K  
CURRENT REPORT  
PURSUANT TO SECTION 13 OR 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934  
Date of Report: (Date of earliest event reported): December 17, 2007  
ION Geophysical Corporation  
(Exact name of registrant as specified in its charter)**

**Delaware**  
(State or other jurisdiction of  
incorporation)

**1-12691**  
(Commission file number)

**22-2286646**  
(I.R.S. Employer Identification No.)

**2105 CityWest Blvd, Suite 400  
Houston, Texas 77042-2839**  
(Address of principal executive offices, including Zip Code)  
**(281) 933-3339**  
(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 7.01. Regulation FD Disclosure**

On December 17, 2007, ION Geophysical Corporation (the Company ) issued a press release reaffirming its previous guidance for 2007 and reporting the Company s current outlook for 2008. A copy of the press release is furnished as Exhibit 99.1 hereto.

The information contained in Items 7.01 and 9.01 and Exhibit 99.1 of this report (i) is not to be considered filed under the Securities Exchange Act of 1934, as amended (the Exchange Act ) and (ii) shall not be incorporated by reference into any previous or future filings made by or to be made by the Company with the Securities and Exchange Commission ( SEC ) under the Securities Act of 1933, as amended, or the Exchange Act.

The information contained in this report and the attached exhibit contains certain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. These forward-looking statements include statements concerning estimated revenues, earnings and earnings per share for fiscal 2007 and 2008, expected timing of revenues and growth rates in fiscal 2007 and 2008, estimated gross margins and operating expenses for fiscal 2007 and 2008, future sales and market growth, timing of product introduction and commercialization, and other statements that are not statements of historical fact. Actual results may vary materially from those described in these forward-looking statements. All forward-looking statements reflect numerous assumptions and involve a number of risks and uncertainties. These risks and uncertainties include audit adjustments and other modifications to the Company s financial statements not currently foreseen; unanticipated delays in the timing and development of the Company s products and services and market acceptance of the Company s new and revised product offerings; risks associated with competitors product offerings and pricing pressures resulting therefrom; the relatively small number of customers that the Company currently relies upon; the fact that a significant portion of the Company s revenues is derived from foreign sales; the risks that sources of capital may not prove adequate; the Company s inability to produce products to preserve and increase market share; collection of receivables; and technological and marketplace changes affecting the Company s product line. Additional risk factors, which could affect actual results, are disclosed by the Company from time to time in its filings with the Securities and Exchange Commission, including its Annual Report on Form 10-K for the year ended December 31, 2006, and its Quarterly Reports on Form 10-Q for quarterly periods during 2007.

**Item 9.01 Financial Statements and Exhibits.**

(a) *Financial statements of businesses acquired.*

Not applicable.

(b) *Pro forma financial information.*

Not applicable.

(c) *Exhibits.*

99.1 Press Release of ION Geophysical Corporation dated December 17, 2007.

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: December 17, 2007

ION GEOPHYSICAL CORPORATION  
(Registrant)

By: /s/ R. BRIAN HANSON  
Name: R. Brian Hanson  
Title: Executive Vice President and Chief  
Financial Officer

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**EXHIBIT INDEX**

(c) *Exhibits.*

99.1 Press Release of ION Geophysical Corporation dated December 17, 2007.

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