

Item 7.01. Regulation FD Disclosure

R. Brian Hanson, President and Chief Operating Officer of ION Geophysical Corporation (the Company), will be presenting at the Bank of America Merrill Lynch 2011 Global Energy Conference to be held in Miami, Florida, on November 15, 2011, commencing at approximately 11:15 a.m. Eastern Time. A copy of the presentation slides will be available in the Investor Relations section of the Company's website at www.iongeo.com on the day of the presentation and will be archived there for approximately 90 days.

The information contained in Item 7.01 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 SEC under the Securities Act of 1933, as amended, or the Exchange Act.

The presentation referenced in this report and any oral or written statements made in connection with the presentation may contain certain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Exchange Act. These forward-looking statements may include statements concerning estimated revenues, expected timing of future revenues and growth rates, estimated gross margins and operating expenses for fiscal 2011 and other years, 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 the forward-looking statements. All forward-looking statements will reflect numerous assumptions and involve a number of risks and uncertainties. These risks and uncertainties include risks associated with 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 economic downturns and volatile credit environments; risks associated with the performance of the Company's INOVA Geophysical Equipment Limited joint venture; risks associated with the Company's level of indebtedness and compliance with debt covenants, including compliance by its guarantors; risks of audit adjustments and other modifications to the Company's financial statements not currently foreseen; risks associated with competitors' product offerings and pricing pressures resulting therefrom; risks that sources of capital may not prove adequate; risks related to collection of receivables; risks associated with pending and future litigation; and risks related to 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 Reports on Form 10-K and its Quarterly Reports on Form 10-Q.

SIGNATURES

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

Date: November 14, 2011

ION GEOPHYSICAL CORPORATION

By: /s/ DAVID L. ROLAND

David L. Roland
Senior Vice President, General Counsel
and Corporate Secretary

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