

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549  
FORM 25

OMB APPROVAL	
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NOTIFICATION OF REMOVAL FROM LISTING AND/OR REGISTRATION  
UNDER SECTION 12(b) OF THE SECURITIES EXCHANGE ACT OF 1934.

Commission File Number [001-12691](#)

Issuer: [ION GEOPHYSICAL CORP](#)

Exchange: NEW YORK STOCK EXCHANGE LLC

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(Exact name of Issuer as specified in its charter, and name of Exchange where security is listed and/or registered)

Address: 2105 CITYWEST BLVD  
SUITE 400  
HOUSTON TEXAS 77042

Telephone number: 281.933.3339

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(Address, including zip code, and telephone number, including area code, of Issuer's principal executive offices)

Preferred Stock Purchase Rights

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(Description of class of securities)

Please place an X in the box to designate the rule provision relied upon to strike the class of securities from listing and registration:

- 17 CFR 240.12d2-2(a)(1)
- 17 CFR 240.12d2-2(a)(2)
- 17 CFR 240.12d2-2(a)(3)
- 17 CFR 240.12d2-2(a)(4)
- Pursuant to 17 CFR 240.12d2-2(b), the Exchange has complied with its rules to strike the class of securities from listing and/or withdraw registration on the Exchange. <sup>1</sup>
- Pursuant to 17 CFR 240.12d2-2(c), the Issuer has complied with its rules of the Exchange and the requirements of 17 CFR 240.12d-2(c) governing the voluntary withdrawal of the class of securities from listing and registration on the Exchange.

Pursuant to the requirements for the Securities Exchange Act of 1934, NEW YORK STOCK EXCHANGE LLC certifies that it has reasonable grounds to believe that it meets all of the requirements for filing the Form 25 and has caused this notification to be signed on its behalf by the undersigned duly authorized person.

2012-02-03                      By Edwin Mecabe                      Managing Director  
Date                                              Name                                              Title

<sup>1</sup> Form 25 and attached Notice will be considered compliance with the provisions of 17 CFR 240.19d-1 as applicable. [See](#) General Instructions.

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.

NOTIFICATION OF THE REMOVAL FROM LISTING  
AND REGISTRATION OF THE STATED SECURITIES

The New York Stock Exchange hereby notifies the SEC of its intention to remove the entire class of the stated securities from listing and registration on the Exchange at the opening of business on February 14, 2012, pursuant to the provisions of Rule 12d2-2 (a).

[ X ] 17 CFR 240.12d2-2(a)(4) That the entire class of this security was redeemed or expired on December 29, 2011.

The removal of the Preferred Stock Purchase Rights of ION Geophysical Corporation is being effected because the Exchange knows or is reliably informed that on December 29, 2011 all rights pertaining to the entire class of this security were extinguished.

The Exchange also notifies the Securities and Exchange Commission that as a result of the above indicated conditions this security was suspended on December 29, 2011.