

GENERAL GEOPHYSICS CO

Form 6-K

November 10, 2005

**FORM 6-K**  
**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**  
**REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 or 15d-16 OF THE**  
**SECURITIES EXCHANGE ACT OF 1934**

For the month of November, 2005

**General Company of Geophysics**

*(translation of registrant's name into English)*

**1, rue Leon Migaux,**

**91341 Massy**

**France**

*(address of principal executive offices)*

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.  
Form 20-F  Form 40-F

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby  
furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes  No

If  Yes  is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82 \_\_\_\_

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**COMPAGNIE GENERALE DE GEOPHYSIQUE**  
**Compagnie Generale de Geophysique intended share capital increase**

November 10, 2005

During the announcement today of its results for the nine months ended September 30, 2005, Compagnie Generale de Geophysique (ISIN : 0000120164 GEPH.PA NYSE : GGY) announced its intention to proceed as soon as possible, subject to market conditions, with a share capital increase to partially refinance its U.S.\$375 million bridge loan entered into to finance the acquisition of Exploration Resources.

Contacts: Christophe BARNINI + (33) 1 64 47 38 11

Email: [invrel@cgg.com](mailto:invrel@cgg.com) Internet: [www.cgg.com](http://www.cgg.com)

*This announcement does not constitute an offer to sell, or a solicitation of offers to purchase or subscribe for, securities in the United States. The securities referred to in this document have not been, and will not be, registered under the Securities Act of 1933, as amended, and may not be offered, exercised, sold or delivered in the United States absent registration or an applicable exemption from registration requirements.*

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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, thereunto duly authorized.

COMPAGNIE GENERALE DE GEOPHYSIQUE

1, rue Leon Migaux  
91341 Massy Cedex

GENERAL COMPANY OF GEOPHYSICS

Date: November 10, 2005

By Senior Executive Vice President  
Technology, Control, corporate planning  
&  
Communication  
/Gerard CHAMBOVET/