GENERAL GEOPHYSICS CO Form SC 13D/A October 13, 2004

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

SCHEDULE 13D

UNDER THE SECURITIES EXCHANGE ACT OF 1934
AMENDMENT NO. 2 \*

COMPAGNIE GENERALE DE GEOPHYSIQUE

-----

(Name of Issuer)

ORDINARY SHARES OF NOMINAL VALUE TWO EUROS EACH

\_\_\_\_\_\_

(Title of Class of Securities)

[NONE] \* \*

\_\_\_\_\_

(CUSIP Number)

STEVEN J. STEINMAN, ESQ.
FRIED, FRANK, HARRIS, SHRIVER & JACOBSON LLP
ONE NEW YORK PLAZA
NEW YORK, NEW YORK 10004
(212) 859-8000

\_\_\_\_\_

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

OCTOBER 4, 2004

\_\_\_\_\_

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is filing this schedule because of ss. ss. 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box [].

NOTE: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See ss.240.13d-7 for other parties to whom copies are to be sent.

\*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 disclosures provided in a prior cover page.

The information required on 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).

\*\* The CUSIP Number for the American Depositary Shares, each representing

one fifth of one Ordinary Share of nominal value two euros each, is 204386106.

13D

| CUSIP | NO. None                  |         |                                   |                 | Pag         | je 2 | of   | 9 | Pages |
|-------|---------------------------|---------|-----------------------------------|-----------------|-------------|------|------|---|-------|
| 1     |                           | ENTIFIC |                                   | ABOVE PERSONS.  |             |      |      |   |       |
| 2     | CHECK THE                 | APPROI  | PRIATE BOX IF A                   | A MEMBER OF A G | ROUP        |      | . ,  |   | [X]   |
| 3     | SEC USE O                 | NLY     |                                   |                 |             |      |      |   |       |
| 4     | SOURCE OF<br>AF           | FUNDS   |                                   |                 |             |      |      |   |       |
| 5     |                           |         | SCLOSURE OF LEG<br>MS 2(d) OR 2(e | GAL PROCEEDINGS | IS REQUIR   | ED   |      |   | [ ]   |
| 6     | CITIZENSH<br>DELAW        |         | PLACE OF ORGAN                    | IZATION         |             |      |      |   |       |
|       | MBER OF<br>SHARES         | 7       | SOLE VOTING PO<br>1,777,071       | OWER            |             |      |      |   |       |
|       | EFICIALLY<br>NED BY       | 8       | SHARED VOTING                     | POWER           |             |      |      |   |       |
|       | EACH<br>PORTING<br>PERSON | 9       | SOLE DISPOSIT                     | IVE POWER       |             |      |      |   |       |
|       | WITH                      | 10      | SHARED DISPOS                     | ITIVE POWER     |             |      |      |   |       |
| 11    | AGGREGATE<br>1,777        |         | BENEFICIALLY                      | OWNED BY EACH   | REPORTING I | PERS | ON   |   |       |
| 12    | CHECK BOX<br>SHARES       | IF THE  | E AGGREGATE AM                    | OUNT IN ROW (11 | ) EXCLUDES  | CER  | TAII | N | [ ]   |
| 13    | PERCENT O                 |         | REPRESENTED 1                     | BY AMOUNT IN RO | W (11)      |      |      |   |       |
| 14    | TYPE OF R                 | EPORTII | IG PERSON                         |                 |             |      |      |   |       |

13D

| 1     | I.R.S. II               | DENTIF  | ING PERSONS<br>ICATION NOS. OF ABOVE PERSONS.<br>RGY INVESTORS II, LP                  |            |       |  |  |
|-------|-------------------------|---|--|------------|-------|--|--|
| 2     | CHECK THE               | E APPR  | OPRIATE BOX IF A MEMBER OF A GROUP   | (a)<br>(b) | [X]   |  |  |
| 3     | SEC USE (               | ONLY  |  |            |       |  |  |
| 4     | SOURCE OF               | F FUND  | S  |            |       |  |  |
| 5     |                         | CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) [ |  |            |       |  |  |
| 6     | CITIZENS!<br>DELAV      |   | PLACE OF ORGANIZATION  |            |       |  |  |
|       | BER OF<br>HARES         | 7   | SOLE VOTING POWER 1,777,071  |            |       |  |  |
|       | FICIALLY<br>NED BY      | 8   | SHARED VOTING POWER  |            |       |  |  |
| REP   | EACH<br>ORTING<br>ERSON | 9   | SOLE DISPOSITIVE POWER 1,777,071   |            |       |  |  |
| ,     | WITH                    | 10  | SHARED DISPOSITIVE POWER   |            |       |  |  |
| 11    | AGGREGATE               |   | NT BENEFICIALLY OWNED BY EACH REPORTING PERS   | ON         |       |  |  |
| 12    | CHECK BOY               | K IF T  | HE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CER   | TAIN       | [ ]   |  |  |
| 13    | PERCENT (               |   | SS REPRESENTED BY AMOUNT IN ROW (11)   |            |       |  |  |
| 14    | TYPE OF F               | REPORT  | ING PERSON   |            |       |  |  |
|       |                         |   |  |            |       |  |  |
|       |                         |   | 13D  |            |       |  |  |
| CUSIP | NO. None                | 9   | Page 4   | of 9       | Pages |  |  |
| 1     | I.R.S. II               | DENTIF  | ING PERSONS<br>ICATION NOS. OF ABOVE PERSONS.<br>GROUP ENERGY INVESTMENT FUND II, L.P. |            |       |  |  |
| 2     | CHECK THE               | E APPR  | OPRIATE BOX IF A MEMBER OF A GROUP   | (a)<br>(b) | [X]   |  |  |
| 3     | SEC USE (               | ONLY  |  |            |       |  |  |

| 4                  | SOURCE OF I            | FUNDS  |                                    |               |          |            |       |
|--------------------|------------------------|--------|------------------------------------|---------------|----------|------------|-------|
| 5                  |                        |        | LOSURE OF LEGAL PROCE 2(d) OR 2(e) | EDINGS IS REQ | UIRED    |            | [ ]   |
| 6                  | CITIZENSHII<br>DELAWAI |        | ACE OF ORGANIZATION                |               |          |            |       |
|                    | R OF<br>RES            | 7      | OLE VOTING POWER 1,748,648         |               |          |            |       |
| BENEFI<br>OWNE     | CIALLY<br>D BY         | 8      | HARED VOTING POWER                 |               |          |            |       |
| EA<br>REPOR<br>PER | TING                   | 9      | OLE DISPOSITIVE POWER 1,748,648    |               |          |            |       |
| WI                 | TH :                   | 10     | HARED DISPOSITIVE POW              | ER            |          |            |       |
| 11                 | AGGREGATE 1,748,       |        | BENEFICIALLY OWNED BY              | EACH REPORTI  | NG PERSO | N          |       |
| 12                 | CHECK BOX :            | IF THE | AGGREGATE AMOUNT IN R              | OW (11) EXCLU | DES CERT | CAIN       | [ ]   |
| 13                 | PERCENT OF 15.0%       | CLASS  | REPRESENTED BY AMOUNT              | IN ROW (11)   |          |            |       |
| 14                 | TYPE OF REI            | PORTIN | PERSON                             |               |          |            |       |
|                    |                        |        | 13D                                |               |          |            |       |
| CUSIP NO           | . None                 |        |                                    |               | Page 5   | of 9       | Pages |
| 1                  | NAME OF REI            | NTIFIC | TION NOS. OF ABOVE PE              | RSONS.        |          |            |       |
| 2                  | CHECK THE A            | APPROP | LATE BOX IF A MEMBER               | OF A GROUP    |          | (a)<br>(b) | [X]   |
| 3                  | SEC USE ON             | LY     |                                    |               |          |            |       |
| 4                  | SOURCE OF I            | FUNDS  |                                    |               |          |            |       |
| 5                  |                        |        | LOSURE OF LEGAL PROCE 2(d) OR 2(e) | EDINGS IS REQ | UIRED    |            | [ ]   |
| 6                  | CITIZENSHII            | P OR P | ACE OF ORGANIZATION                |               |          |            |       |

DELAWARE

| PALLEY IN                 |  |   |   |            |       |
|---------------------------|--|---|---|------------|-------|
| NUMBER OF<br>SHARES       |  | 7   | SOLE VOTING POWER 1,748,648   |            |       |
| BENEFICIALLY<br>OWNED BY  |  | 8   | SHARED VOTING POWER 0   |            |       |
| EA<br>REPOR<br>PER        |  | 9   | SOLE DISPOSITIVE POWER 1,748,648  |            |       |
| WI                        | ТН   | 10  | SHARED DISPOSITIVE POWER 0  |            |       |
| 11                        | AGGREGATE  |   | I BENEFICIALLY OWNED BY EACH REPORTING PERS   | ON         |       |
| 12                        | CHECK BOX<br>SHARES  | IF THE  | E AGGREGATE AMOUNT IN ROW (11) EXCLUDES CER   | TAIN       | [ ]   |
| 13                        | PERCENT OF   |   | S REPRESENTED BY AMOUNT IN ROW (11)   |            |       |
| 14                        | TYPE OF RI   | EPORTII   | NG PERSON   |            |       |
|                           |  |   | 13D   |            |       |
|                           |  |   |   |            |       |
| CUSIP NO                  | . None   |   | Page 6  | of 9       | Pages |
| 1                         |  | ZDODTI  | NG PERSONS  |            |       |
|                           |  | ENTIFIC   | CATION NOS. OF ABOVE PERSONS.<br>NSACTION PARTNERSHIP, L.P.   |            |       |
| 2                         | I.R.S. IDI<br>GF LTI   | ENTIFIC   | CATION NOS. OF ABOVE PERSONS.   | (a)<br>(b) |       |
| 2                         | I.R.S. IDI<br>GF LTI   | ENTIFIC<br>D. TRAN<br>APPRON                                | CATION NOS. OF ABOVE PERSONS.<br>NSACTION PARTNERSHIP, L.P.   |            |       |
|                           | I.R.S. IDI<br>GF LTI<br>CHECK THE  | ENTIFIC<br>O. TRAN<br>APPRON                                | CATION NOS. OF ABOVE PERSONS.<br>NSACTION PARTNERSHIP, L.P.   |            |       |
| 3                         | GF LTI CHECK THE  SEC USE OF AF  CHECK BOX   | ENTIFICO. TRAN  APPROPR  NLY  FUNDS  IF DIS                 | CATION NOS. OF ABOVE PERSONS.<br>NSACTION PARTNERSHIP, L.P.   |            |       |
| 3                         | I.R.S. IDI GF LTI CHECK THE  SEC USE OF AF  CHECK BOX PURSUANT                             | ENTIFIC  TRAN  APPROP  NLY  FUNDS  IF DIS  TO ITEN  IP OR I | CATION NOS. OF ABOVE PERSONS. NSACTION PARTNERSHIP, L.P. PRIATE BOX IF A MEMBER OF A GROUP  SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED   |            |       |
| 3<br>4<br>5<br>6<br>NUMBE | GF LTI CHECK THE  SEC USE OF AF  CHECK BOX PURSUANT  CITIZENSH                             | ENTIFIC  TRAN  APPROP  NLY  FUNDS  IF DIS  TO ITEN  IP OR I | CATION NOS. OF ABOVE PERSONS. NSACTION PARTNERSHIP, L.P. PRIATE BOX IF A MEMBER OF A GROUP  SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED MS 2(d) OR 2(e)   |            |       |
| 3 4 5 6 NUMBE SHA         | I.R.S. IDI GF LTI CHECK THE  SEC USE OF AF  CHECK BOX PURSUANT TO DELAWA  R OF RES  CIALLY | ENTIFICED. TRANS APPROPOSITION IF DISTRICT OR FARE 7        | CATION NOS. OF ABOVE PERSONS. NSACTION PARTNERSHIP, L.P. PRIATE BOX IF A MEMBER OF A GROUP  SCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED MS 2(d) OR 2(e) PLACE OF ORGANIZATION  SOLE VOTING POWER 28,423 |            | [ ]   |

EACH 9 SOLE DISPOSITIVE POWER

REPORTING 28,423
PERSON

WITH 10 SHARED DISPOSITIVE POWER

- 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 28,423
- 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES [ ]
- 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
- 14 TYPE OF REPORTING PERSON PN

This Statement on Schedule 13D, relating to the Ordinary Shares of nominal value two euros each (the "Ordinary Shares") of Compagnie Generale de Geophysique, a company organized under the laws of the Republic of France (the "Issuer") amends the Schedule 13D filed on February 4, 2000 by and on behalf of Energy Fund II GP, LLC, Beacon Energy Investors II, L.P., The Beacon Group Energy Investment Fund II, L.P., CGG Investors LLC, and GF Ltd. Transaction Partnership, L.P. (collectively, the "Reporting Persons") and amended by Amendment No. 1 thereto filed on October 29, 2002.

ITEM 1. SECURITY AND ISSUER.

Unchanged.

ITEM 2. IDENTITY AND BACKGROUND.

Unchanged.

ITEM 3. SOURCE AND AMOUNT OF FUNDS OR OTHER CONSIDERATION.

Unchanged.

ITEM 4. PURPOSE OF THE TRANSACTION.

Unchanged.

ITEM 5. INTEREST IN SECURITIES OF THE ISSUER.

Item 5 is amended in its entirety as follows:

- (a) The aggregate number and percentage of the Ordinary Shares beneficially owned by each of the Reporting Persons are set forth on the cover pages of this Statement on Schedule 13D, and such information is incorporated herein by reference.
- (b) The number of Ordinary Shares as to which there is sole power to vote or to direct the vote, sole power to dispose or to direct the disposition, or shared power to dispose or direct the disposition for the Reporting Persons is set forth on the cover pages of this Statement on

Schedule 13D, and such information is incorporated herein by reference. Pursuant to the transactions described in Item 5(c) below, (i) the 1,777,071 Ordinary Shares beneficially owned by Energy Fund II GP, LLC and Beacon Energy Investors II, LP represent 26.9 percent of the voting rights of the Issuer; (ii) the 1,748,648 Ordinary Shares beneficially owned by The Beacon Group Energy Investment Fund II, L.P. and CGG Investors LLC represent 26.4 percent of the voting rights of the Issuer; and (iii) the 28,423 Ordinary Shares beneficially owned by GF Ltd. Transaction Partnership, L.P. represent .4 percent of the voting rights of the Issuer.

- (c) The Issuer's Articles of Association provide that a double voting right is allocated to all registered and fully paid-up Ordinary Shares registered in the name of the same holder for at least two years. Pursuant to this provision, on December 13, 2001, the Ordinary Shares owned by the Reporting Persons were allocated double voting rights. Additionally, on October 7, 2002, the Issuer informed the Reporting Persons that due to the lack of providing notice to the Issuer within fifteen days of crossing the 16 percent, 18 percent, and 20 percent threshold, the Reporting Persons had lost a total of 760,742 voting rights. Pursuant to the Issuer's Articles of Association, because two years have elapsed since the last notification made by the Reporting Persons on October 4, 2002, the Reporting Persons have automatically acquired certain double voting rights.
- (d) The investors in The Beacon Group Energy Investment Fund II, L.P. and GF Ltd. Transaction Partnership, L.P. have the right to receive dividends from, and the proceeds from the sale of, the respective Ordinary Shares reported by such persons on the cover pages of this Statement on Schedule 13D. No such investor has such right with respect to more than 5% of the Ordinary Shares.
  - (e) Not applicable.
- ITEM 6. CONTRACTS, ARRANGEMENTS, UNDERSTANDINGS OR RELATIONSHIPS WITH RESPECT TO SECURITIES OF THE ISSUER.

Unchanged.

ITEM 7. MATERIAL TO BE FILED AS EXHIBITS.

Item 7 is amended by adding the following:

Exhibit 5 -- Agreement of Joint Filing

#### 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.

Dated: October 13, 2004

ENERGY FUND II GP, LLC

By: /s/ John MacWilliams

Authorized Signatory

BEACON ENERGY INVESTORS II, LP

By: Energy Fund II GP, LLC

By: /s/ John MacWilliams

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Authorized Signatory

THE BEACON GROUP ENERGY INVESTMENT FUND II, L.P.

By: Beacon Energy Investors II, LP

By: Energy Fund II GP, LLC

By: /s/ John MacWilliams

Authorized Signatory

CGG INVESTORS LLC

By: The Beacon Group Energy Investment

Fund II, L.P.

By: Beacon Energy Investors II, LP

By: Energy Fund II GP, LLC

By: /s/ John MacWilliams

Authorized Signatory

GF LTD. TRANSACTION PARTNERSHIP, L.P.

By: Beacon Energy Investors II, LP

By: Energy Fund II GP, LLC

By: /s/ John MacWilliams

Authorized Signatory

#### SCHEDULE I

| NAME   | STATE OF INCORPORATION | BUSINESS ADDRESS   |
|--|------------------------|--|
|  |                        |  |
| Energy Fund II GP, LLC                           | Delaware               | 1221 Avenue of the<br>Americas<br>New York, New York 10020 |
| Beacon Energy Investors II, L                    | P Delaware             | 1221 Avenue of the<br>Americas<br>New York, New York 10020 |
| The Beacon Group Energy Investment Fund II, L.P. | Delaware               | 1221 Avenue of the Americas                                |

New York, New York 10020

CGG Investors LLC Delaware 1717 South Boulder Avenue

Tulsa, Oklahoma 74119

Tulsa, Oklahoma 74119

GF Ltd. Transaction Partnership, Delaware 1717 South Boulder Avenue

L.P.

EXHIBIT 5

#### AGREEMENT OF JOINT FILING

The undersigned agree that the foregoing Statement on Schedule 13D is being filed with the Commission on behalf of each of the undersigned pursuant to Rule 13d-1(k).

Dated: October 13, 2004

ENERGY FUND II GP, LLC

By: /s/ John MacWilliams

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Authorized Signatory

BEACON ENERGY INVESTORS II, LP

By: Energy Fund II GP, LLC

By: /s/ John MacWilliams

Authorized Signatory

THE BEACON GROUP ENERGY INVESTMENT FUND II, L.P.

By: Beacon Energy Investors II, LP

By: Energy Fund II GP, LLC

By: /s/ John MacWilliams

Authorized Signatory

CGG INVESTORS LLC

By: The Beacon Group Energy Investment

Fund II, L.P.

By: Beacon Energy Investors II, LP

By: Energy Fund II GP, LLC

By: /s/ John MacWilliams

Authorized Signatory

GF LTD. TRANSACTION PARTNERSHIP, L.P.

By: Beacon Energy Investors II, LP

By: Energy Fund II GP, LLC

By: /s/ John MacWilliams

\_\_\_\_\_

Authorized Signatory