

IORDANOU CONSTANTINE  
Form 4  
October 28, 2010

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
IORDANOU CONSTANTINE

2. Issuer Name and Ticker or Trading Symbol  
ARCH CAPITAL GROUP LTD.  
[ACGL]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction  
(Month/Day/Year)

Director  10% Owner  
 Officer (give title below)  Other (specify below)

Chairman, President & CEO

WESSEX HOUSE, 4TH FLOOR, 45  
REID STREET

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(Street)

HAMILTON, D0 HM 12

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3)                            | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--------------------------------------|--|--------------------------------|---|---|--|---|
|  |                                      |  |                                | (A) or (D)  | Price   |  |   |
| Common Shares, \$.01 par value per share                   | 10/27/2010                           |  | S                              | 30,000  | D 86.5027<br>(1)  | 152,760  | D   |
| Series B Non-Cumulative Preferred Shares (non-convertible) |                                      |  |                                |   |   | 67,273.3862  | I By GRAT   |
| Series A Non-Cumulative Preferred Shares (non-convertible) |                                      |  |                                |   |   | 11,224.4855  | I BY GRAT   |

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|   |  |  |         |   |  |
|---|--|--|---------|---|--|
| Common Shares,<br>\$.01 par value per<br>share                      |  |  | 129,415 | I | By<br>Limited<br>Liability<br>Company<br>(2) |
| Series B<br>Non-Cumulative<br>Preferred Shares<br>(non-convertible) |  |  | 1,400   | I | By spouse                                    |
| Common Shares,<br>\$.01 par value per<br>share                      |  |  | 7,744   | I | By<br>children                               |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**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 control number.** SEC 1474 (9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4. Transaction<br>Code<br>(Instr. 8) | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3,<br>4, and 5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) | 7. Title and<br>Amount of<br>Underlying<br>Securities<br>(Instr. 3 and 4) | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Nu<br>Deriv<br>Secur<br>Bene<br>Own<br>Follo<br>Repo<br>Trans<br>(Instr |
|---|--|---|---|--------------------------------------|--|--|---|---|--|
|   |  |   |   |                                      |  | Date<br>Exercisable  | Expiration<br>Date  | Title   | Amount<br>or<br>Number<br>of<br>Shares                                     |
|   |  |   |   |                                      |  | Code   | V   | (A)   | (D)  |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                           |       |
|---|---------------|-----------|---------------------------|-------|
|   | Director      | 10% Owner | Officer                   | Other |
| IORDANOU CONSTANTINE<br>WESSEX HOUSE, 4TH FLOOR<br>45 REID STREET<br>HAMILTON, D0 HM 12 | X             |           | Chairman, President & CEO |       |

## Signatures

/s/ Constantine  
Iordanou

10/27/2010

\_\_Signature of Reporting  
Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
  - \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Represents a weighted average sales price; the sales prices range from \$86.50 to \$86.5328. Upon request, the full sale information regarding the number of shares sold at each price increment will be provided to the Commission or a security holder of the issuer.
  - (2) The shares are owned by Mathiatis LLC, a limited liability company. The reporting person owns all of the membership interests in Mathiatis LLC and serves as its sole managing member.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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