

IORDANOU CONSTANTINE  
 Form 4  
 May 07, 2009

**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)  
 President & CEO

WESSEX HOUSE, 4TH FLOOR, 45  
 REID STREET

05/06/2009

(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

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)
			Code	V	Amount	(D)	Price
Common Shares, \$.01 par value per share	05/06/2009		A		38,250 (3)	A	(3)
Series B Non-Cumulative Preferred Shares (non-convertible)					62,972	D	
Series A Non-Cumulative Preferred Shares (non-convertible)					10,521	D	

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Common Shares, \$.01 par value per share	129,415	I	By Limited Liability Company <u>(2)</u>
Series B Non-Cumulative Preferred Shares (non-convertible)	1,400	I	By spouse
Common Shares, \$.01 par value per share	11,850	I	By Trusts <u>(1)</u>
Common Shares, \$.01 par value per share	11,666	I	By children
Series B Non-Cumulative Preferred Shares (non-convertible)	3,000	I	By Trusts <u>(1)</u>

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

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(9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount Underlying Securities (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Appreciation Right <sup>(4)</sup>	\$ 57.88	05/06/2009		A	38,250	<sup>(4)</sup>	05/06/2019	Common Shares, \$.01 par value per share	38,250

## Reporting Owners

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

## Signatures

/s/ Constantine  
Iordanou

05/07/2009

\*\*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) These shares are held in irrevocable trusts for the benefit of the reporting person's children. The reporting person disclaims beneficial ownership of these securities and the filing of this report is not an admission that the reporting person is the beneficial owner of these securities for purposes of Section 16 or for any other purpose.

(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.

(3) Represents restricted shares that vest in three equal annual installments on May 6th in each of 2010, 2011 and 2012, subject to the applicable award agreement.

(4) The stock appreciation right will become exercisable in three equal annual installments, with the first installment becoming exercisable on May 6, 2010 and the next two installments on May 6, 2011 and May 6, 2012, subject to the applicable award agreement.

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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