

IORDANOU CONSTANTINE  
Form 4  
August 30, 2011

**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, 5TH FLOOR, 45 REID STREET

08/29/2011

(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	(A) or (D)	Price
Common Shares, \$.0033 par value per share	08/29/2011		S		70,000 (6)	D	\$ 33.9069 (5)
Common Shares, \$.0033 par value per share					422,045	D	(4)
Common Shares, \$.0033 par value per share					343,245	I	(4)
Series B Non-Cumulative Preferred Shares					67,273.3862	I	(1)

By  
Limited Liability Company  
(1)

By GRAT

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(non-convertible)

Series A

Non-Cumulative  
Preferred Shares  
(non-convertible)

11,224.4855 I

BY  
GRAT

Series B

Non-Cumulative  
Preferred Shares  
(non-convertible)

1,400 I

By spouse

Common Shares,  
\$.0033 par value  
per share

23,232 <sup>(4)</sup> I

By  
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.**

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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 of Underlying Securities (Instr. 3 and 4)	8. Price or Value of Underlying Securities (Instr. 3 and 4)	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 18.757					<sup>(2)</sup>	02/23/2016	Common Shares, \$.0033 par value per share	132,447 <sup>(3) (4)</sup>
Stock Option (right to buy)	\$ 18.757					<sup>(2)</sup>	02/23/2016	Common Shares, \$.0033 par value per share	317,553 <sup>(4)</sup>

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
IORDANOU CONSTANTINE WESSEX HOUSE, 5TH FLOOR 45 REID STREET HAMILTON, D0 HM 12	X		Chairman, President & CEO	

## Signatures

/s/ Constantine  
Iordanou

08/30/2011

\*\*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) 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.
- (2) The stock option became exercisable in three equal annual installments with the first installment being exercisable on February 23, 2007 and the second and third installments being exercisable on February 23, 2008 and February 23, 2009.  
On June 9, 2011, 132,447 stock options were distributed from a GRAT. Such options were previously reported as indirectly beneficially held by a GRAT. Following such distribution, the reporting person owns 132,447 stock options directly and 317,553 stock options indirectly by the GRAT.
- (3) On June 9, 2011, 132,447 stock options were distributed from a GRAT. Such options were previously reported as indirectly beneficially held by a GRAT. Following such distribution, the reporting person owns 132,447 stock options directly and 317,553 stock options indirectly by the GRAT.
- (4) The amount of common shares includes common shares acquired in connection with a 3-for-1 share split effectuated on May 11, 2011.
- (5) Represents a weighted average sales price; the sales prices range from \$33.85 to \$33.9501. Upon request, the full sale information regarding the number of shares sold at each price increment will be provided to the Commission or to a security holder of the issuer.
- (6) The shares were sold in order to satisfy state and federal income tax obligations.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.