

IORDANOU CONSTANTINE  
 Form 4  
 June 18, 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

06/16/2010

(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 Ownership (Instr. 4)
			Code	V	Amount (A) or (D) Price		
Common Shares, \$.01 par value per share	06/16/2010		S		3,500 (1) D 75.8034 (2)	D	
Common Shares, \$.01 par value per share	06/16/2010		S		6,500 (1) D 76.0805 (3)	D	
Common Shares, \$01 par value per share	06/17/2010		S		5,000 (1) D 77.0118 (5)	D	
Common Shares,	06/18/2010		S		5,000 D \$ 182,760	D	

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\$.01 par value per share	<u>(1)</u>	78.0301			
		<u>(6)</u>			
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
Common Shares, \$.01 par value per share			129,415	I	By Limited Liability Company <u>(4)</u>
Series B Non-Cumulative Preferred Shares (non-convertible)			1,400	I	By spouse
Common Shares, \$.01 par value per share			7,744	I	By children

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

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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 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 of Derivative Security (Instr. 5)	9. Nu Deriv Secur Benef Own Follo Repo Trans (Instr
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## 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		Chairman, President & CEO	

## Signatures

/s/ Louis T. Petrillo, Attorney

in fact

06/18/2010

\*\*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) The sale of shares was effected pursuant to a Rule 10b5-1 Plan adopted by the Reporting Person on June 15, 2010.
- (2) Represents a weighted average sales price; the sales prices range from \$75.66 to \$75.99. 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.
- (3) Represents a weighted average sales price; the sales prices range from \$76 to \$76.20. 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.
- (4) 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.
- (5) Represents a weighted average sales price; the sales prices range from \$77 to \$77.05. 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.
- (6) Represents a weighted average sales price; the sales prices range from \$78 to \$78.08. 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.

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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