ARCH CAPITAL GROUP LTD.

Form 4

October 31, 2013

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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January 31,

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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

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Lyons Mark Donald Issuer Symbol ARCH CAPITAL GROUP LTD. (Check all applicable) [ACGL] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner _X__ Officer (give title _ Other (specify (Month/Day/Year) below) 45 REID STREET, 5TH FLOOR 10/30/2013 **EVP,CFO & Treasurer** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting HAMILTON, D0 HM 12 Person

(City)	(State)	(Zip) Tab	le I - Non-	Derivative	Secui	rities Acquir	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 3, 4 and 5)			5. Amount of Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Shares, \$.0033 par value per share	10/30/2013		S(3)	25,373		\$ 57.8039	180,144 (2)	D	
Common Shares, \$.0033 par value per share	10/30/2013		S(3)	627	D	\$ 58.0526 (4)	179,517 (2)	D	

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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration D	ate	Amou	int of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	rlying	Security	Secur
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
									Amount		
						Date Exercisable	Expiration Date	Title	Or		
									Number		
				Code V	(A) (D)				of Sharas		
				Code v	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Lyons Mark Donald 45 REID STREET, 5TH FLOOR HAMILTON, D0 HM 12

EVP,CFO & Treasurer

Signatures

/s/ Louis Petrillo, Attorney in fact

n fact 10/31/2013

**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 \$57.75 to \$57.98. Upon request, the full sale information regarding the number of shares sold at each price increment will be provided to the Commission or to the security holder of the issuer.
- (2) 86,722 of such amount will settle in Issuer's common shares upon the termination of the Reporting Person's employment, as specifically provided in the award agreements.
- (3) A portion of the proceeds will be used to satisfy state and federal tax obligations.
- (4) Represents a weighted average sales price; the sales prices range from \$58.00 to \$58.13. Upon request, the full sale information regarding the number of shares sold at each price increment will be provided to the Commission or to the 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. 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.

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