### ARCH CAPITAL GROUP LTD.

Form 4

share

September 10, 2014

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION									OMB APPROVAL		
Washington, D.C. 20549									OMB Number:	3235-0287	
Check this box									Expires:	January 31,	
subject to Section Form 4 of	if no longer subject to Section 16. Form 4 or STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES								Estimated average burden hours per response 0.5		
Form 5 obligations may continue. See Instruction 1(b).  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)										
Lyons Mark Donald Syn			Symbol	r Name <b>an</b>			]	5. Relationship of Reporting Person(s) to Issuer			
[A				.]				(Check all applicable)			
			3. Date of Earliest Transaction (Month/Day/Year)					Director 10% Owner X Officer (give title Other (specify below)			
C/O ARCH CAPITAL GROUP 09/10/2014 EVP,CFO & Treasurer LTD., 100 PITTS BAY ROAD, GROUND FLOOR											
Filed(Mo				/Ionth/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting			
PEMBRON	XE, D0 HM 08						Ì	Person	•		
(City)	(State)	(Zip)	Tab	le I - Non-	Derivative	e Secu	rities Acqu	ired, Disposed of,	or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	rity (Month/Day/Year) Execution Date, if			Code (Instr. 3, 4 and 5)				5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code V	Amount	or (D)	Price	(Instr. 3 and 4)			
Common Shares, \$.0033 par value per share	09/10/2014			M	7,250			3 227,267 <u>(2)</u>	D		
Common Shares, \$.0033 par value per	09/10/2014			S(3)	7,250	D	\$ 54.5029	220,017 (2)	D		

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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)

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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)			5. Number proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exerc Expiration D (Month/Day/	ate	7. Title and Amount 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)	\$ 19.883	09/10/2014		M	7,250	<u>(4)</u>	08/02/2016	Common Shares, \$0033 par value per share	7,250

# **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Lyons Mark Donald C/O ARCH CAPITAL GROUP LTD. 100 PITTS BAY ROAD, GROUND FLOOR PEMBROKE, D0 HM 08

**EVP,CFO & Treasurer** 

## **Signatures**

/s/ Mark D. Lyons 09/10/2014

\*\*Signature of Date
Reporting Person

# **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 \$54.4910 to \$54.5460. 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.

Reporting Owners 2

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- (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) The stock option became exercisable on July 31, 2009, 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. 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.