#### ARCH CAPITAL GROUP LTD.

Form 4

December 14, 2016

\$.0033 par value

Common Shares, \$.0033 par value

per share

per share

11/22/2016

12/13/2016

Washington, D.C. 20549							OMB APPROV		'AL				
							OMB Numbe	r:	5-0287				
Check this box if no longer		EMENT O	LOE CHANCES IN BENEFICIAL OWN						NEDCHID OF		: Janu	ary 31, 2005	
subject to Section 16. Form 4 or Form 5		STATEMENT OF CHANGES IN BENEFICIAL OWNER SECURITIES									ted average hours per se	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 Respo	onses)												
1. Name and Addre IORDANOU CO	2. Issuer Name <b>and</b> Ticker or Trading Symbol ARCH CAPITAL GROUP LTD.					5. Relationship of Reporting Person(s) to Issuer							
			[ACGL]						(Check all applicable)				
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				_X_ Direct		itle	10% Owner Other (specif	`y		
C/O ARCH CAL LTD., WATERI PITTS BAY RO	(Month/Day/Year) 12/13/2016					below) below) Chairman & CEO							
	4. If Amendment, Date Original Filed(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person								
PEMBROKE, D						Form filed by More than One Reporting Person							
(City)	(State)	(Zip)	Table I - No	n-Deriv	vativ	e Securitio	es Acq	uired, Dispo	sed of,	or Benef	icially Own	ed	
1.Title of Security (Instr. 3)		•	2A. Deemed Execution Date, if any (Month/Day/Year)	tecution Date, if Transactionor Disposed of (y Code (Instr. 3, 4 and 5 Instr. 8)			(D) Securi		icially Form d Direction ving or In	Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
				Code	V	Amount	(A) or (D)	Price		ction(s) 3 and 4)	(Instr. 4)		
Common Shares \$.0033 par value per share		2016		G	V	308	D	\$ 0	242,6	22	D		
Common Shares	s,												

G V 1,100 D

50,000 D

 $S_{(3)}^{(3)}$ 

\$0

(2)

241,522

87.2391 191,522

D

D

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Common Shares, \$.0033 par value per share	201,676	I	By 2015 GRAT
Common Shares, \$.0033 par value per share	158,514	I	By 2010 GRAT
Common Shares, \$.0033 par value per share	83,333	I	By Limited Liability Company
Common Shares, \$.0033 par value per share	116,613	I	By Limited Liability Company
Common Shares, \$.0033 par value per share	11,616	I	By child
Series C Non-Cumulative Preferred Shares (non-convertible)	6,000	D	
Series C Non-Cumulative Preferred Shares (non-convertible)	1,800	I	By spouse

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)

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. Transact Code (Instr. 8)	tionDer Sec ) Acc Dis	5. Number of onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exerc Expiration D (Month/Day/	7. Title and Amou Underlying Secur (Instr. 3 and 4)		
				Code '	V (.	A) (	(D)	Date Exercisable	Expiration Date	Title	Am or Nur of Sha
	\$ 23.707	09/30/2016		G V	V			<u>(4)</u>	05/11/2017		9,0

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Share Appreciation Right						9,688 (1)			Common Shares, \$.0033 par value per share	
Share Appreciation Right	\$ 23.707	09/30/2016	G	V	9,688 (1)		<u>(4)</u>	05/11/2017	Common Shares, \$.0033 par value per share	9,

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

IORDANOU CONSTANTINE C/O ARCH CAPITAL GROUP LTD. WATERLOO HOUSE,100 PITTS BAY ROAD PEMBROKE, D0 HM 08

X Chairman & CEO

# **Signatures**

/s/ Constantine 12/14/2016

\*\*Signature of Reporting 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).
- On September 30, 2016, 9,688 share appreciation rights were distributed from the 2010 GRAT. Such share appreciation rights were (1) previously reported as indirectly beneficially held by the 2010 GRAT. Following such distribution, the reporting person owns 32,242 share appreciation rights directly and 102,758 indirectly by the 2010 GRAT.
- (2) Represents a weighted average sales price; the sales prices range from \$87.12 to \$87.39. Upon request, the full sale information regarding the number of shares sold at each price increment will be provide to the Commission or to the security holder of the issuer.
- (3) The shares were sold in order to satisfy state and federal income taxes.
- (4) The share appreciation right became exercisable in three equal annual installments commencing May 11, 2008, 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.

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