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ARCH CAPIT Form 4 October 31, 20	ΓAL GROUP L 016	TD.									
FORM	4								OMB AF	PROVAL	
Check this	UNITED	STATES			AND EX 1, D.C. 2(		NGE CO	OMMISSION	OMB Number:	3235-0287	
if no longe subject to Section 16 Form 4 or	er <b>STATEN</b>	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES							Expires: Estimated a burden hour response	rs per	
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 Re	esponses)										
1. Name and Ad Lyons Mark 1	ldress of Reporting Donald	Person <u>*</u>	Symbol	CAPITA	nd Ticker on		]	5. Relationship of I Issuer (Check	Reporting Pers		
LTD., 100 PI	CAPITAL GRO TTS BAY ROA			Day/Year)	Fransaction			Director X Officer (give t below) EVP,Cl			
GROUND FI PEMBROKE	(Street)			endment, D onth/Day/Ye	Date Origina ar)	ıl	-	6. Individual or Joi Applicable Line) _X_ Form filed by Or Form filed by Mo Person	ne Reporting Pe	rson	
(City)	(State)	(Zip)	Tab	ole I - Non-	Derivative	Secu		ired, Disposed of,	or Beneficial	ly Owned	
	2. Transaction Date Month/Day/Year)		Date, if		4. Securit or Dispos (Instr. 3, 4	ed of	(D)	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)	
Common Shares, \$.0033 par 1 value per share	0/28/2016			Code V	Amount 5,050	(D)	Price \$ 23.1	(Instr. 3 and 4) 195,380 (1)	D		
Common Shares, \$.0033 par 1 value per share	0/28/2016			М	5,000	A	\$ 25.01	200,380 <u>(1)</u>	D		

Common Shares, \$.0033 par value per share	10/28/2016	М	9,500	A	\$ 33.913	209,880 <u>(1)</u>	D
Common Shares, \$.0033 par value per share	10/28/2016	М	9,000	A	\$ 38.58	218,880	D
Common Shares, \$.0033 par value per share	10/28/2016	М	5,000	A	\$ 40.1	223,880	D
Common Shares, \$.0033 par value per share	10/28/2016	F <u>(6)</u>	21,148	D	<u>(6)</u>	202,732 <u>(1)</u>	D
Common Shares, \$.0033 par value per share	10/28/2016	S <u>(7)</u>	8,000	D	\$ 77.2203	194,732 <u>(1)</u>	D

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.

 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. Ni	umber	6. Date Exer	cisable and	7. Title and A	Amount of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onof D	erivative	Expiration D	ate	Underlying S	Securities
Security	or Exercise		any	Code	Secu	rities	(Month/Day	'Year)	(Instr. 3 and	4)
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acqu	uired				
	Derivative				(A) (	or				
	Security				Disp	osed of				
					(D)					
					(Inst	r. 3, 4,				
					and f	5)				
										Amount
							D (	г		or
							Date	Expiration	Title	Number
							Exercisable	Date		of
				Code V	(A)	(D)				Shares
	\$ 23.1	10/28/2016		М		5,050	(4)	05/09/2018		5,050

Share Appreciation Right							Common Shares, \$.0033 par value per share	
Share Appreciation Right	\$ 25.01	10/28/2016	М	5,000	(3)	05/05/2020	Common Shares, \$.0033 par value per share	5,000
Share Appreciation Right	\$ 33.913	10/28/2016	М	9,500	(2)	05/06/2021	Common Shares, \$.0033 par value per share	9,500
Share Appreciation Right	\$ 38.58	10/28/2016	М	9,000	<u>(8)</u>	05/09/2022	Common Shares, \$.0033 par value per share	9,000
Share Appreciation Right	\$ 40.1	10/28/2016	М	5,000	<u>(9)</u>	09/06/2022	Common Shares, \$.0033 par value per share	5,000

# **Reporting Owners**

Reporting Owner Name / Address		Relationships						
For		Director	10% Owner	Officer	Other			
Lyons Mark Donald C/O ARCH CAPITAL 100 PITTS BAY ROA PEMBROKE, D0 HM			EVP,CFO & Treasurer					
Signatures								
/s/ Mark D. Lyons	10/31/2016							
**Signature of	Date							

 
 \*\*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) 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.

- (2) The share appreciation right became exercisable in three equal annual installments commencing May 6, 2012, subject to the applicable award agreement.
- (3) The share appreciation right became exercisable in three equal annual installments commencing May 5, 2011, subject to the applicable award agreement.
- (4) The share appreciation right became exercisable in three equal annual installments commencing May 9, 2009, subject to the applicable award agreement.
- (5) Represents a weighted average sales price; the sales prices range from \$77.201 to \$77.23. 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.

In connection with the partial exercise of the five share appreciation rights awards as described in Table II, 6,797 common shares were
(6) withheld for taxes at a tax price of \$77.47 per share. In addition, 14,351 common shares were disposed in satisfaction of the exercise prices (see Table II). The reporting person received a net issuance of 12,402 common shares.

- (7) A portion of the proceeds will be used to satisfy state and federal tax obligations.
- (8) The share appreciation right became exercisable in three equal annual installments commencing May 9, 2013, subject to the applicable award agreement.
- (9) The share appreciation right became exercisable in three equal annual installments commencing September 6, 2013, 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.