Hele John C.R. Form 4

November 30, 2011 **OMB APPROVAL** UNITED STATES SECURITIES AND EXCHANGE COMMISSION OMB 3235-0287 Washington, D.C. 20549 Number: Check this box January 31, Expires: if no longer 2005 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Estimated average **SECURITIES** Section 16. burden hours per Form 4 or 0.5 response... Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b). (Print or Type Responses) 1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Hele John C.R. 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) below) ARCH CAPITAL GROUP LTD., 45 11/28/2011 EVP,CFO & Treasurer REID STREET, 5TH FLOOR (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 (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of 1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired (A) 6. 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Beneficial (Month/Day/Year) Direct (D) (Instr. 8) Owned Ownership or Indirect Following (Instr. 4) Reported (I) (A) Transaction(s) (Instr. 4) or (Instr. 3 and 4) Code V Amount (D) Price Common Shares, \$.0033 par 11/28/2011 M 32,000 Α \$ 18.58 137,998 D value per share Common Shares. 16,263 \$.0033 par 11/28/2011 F D \$ 36.56 121,735 D (2) value per share 11/29/2011 S D 114,198 D

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Common 7,537 \$ (5) 36.9669 Shares, (3) \$.0033 par value per share Common Shares, 8,200 \$ 37.01 S \$.0033 par 11/29/2011 D 105,998 D (5) (4) value per

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

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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 2. 3. Transaction Date 3A. Deemed 4. 5. Number of 6. Date Exercisable and 7. Title and Amount of 8 Derivative Conversion (Month/Day/Year) Execution Date, if **Transaction**Derivative **Expiration Date Underlying Securities** Security or Exercise Code Securities (Month/Day/Year) (Instr. 3 and 4) (Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A) Derivative or Disposed of Security (D) (Instr. 3, 4, and 5) Amount Date Expiration or Title Exercisable Date Number Code V (A) (D) of Shares Common Stock Shares, Option 11/28/2011 (1) \$ 18.58 M 32,000 04/01/2019 \$.0033 32,000 (right to par value buy) per share

Reporting Owners

share

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Hele John C.R.				
ARCH CAPITAL GROUP LTD.			EVP,CFO	
45 REID STREET, 5TH FLOOR			& Treasurer	
HAMILTON, D0 HM 12				

Reporting Owners 2

Signatures

/s/ Louis T. Petrillo, Attorney in fact

11/29/2011

**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 stock option became exercisable in three equal annual installments, with the first installment becoming exercisable on April 1, 2010 and the next two installments on April 1, 2011 and April 1, 2012, subject to the applicable award agreement.
- (2) On November 28, 2011, the reporting person exercised 32,000 stock options and, under the net settlement provisions of the applicable stock option agreement, 16,263 common shares were withheld in payment of the exercise price.
- (3) Represents a weighted average sale price; the sales prices range from \$36.93 to \$36.99. Upon request, the full sale information regarding the number of shares sold at each price increment will be provided to the Commission or to a security holder of the issuer.
- (4) Represents a weighted average sale price; the sales prices range from \$37 to \$37.03. Upon request, the full sale information regarding the number of shares sold at each price increment will be provided to the Commission or to a security holder of the issuer.
- (5) The shares were sold in order to satisfy state and federal income tax obligations.

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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