

ARCH CAPITAL GROUP LTD.  
Form 4  
October 31, 2008

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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)

1. Name and Address of Reporting Person \*  
CARNEY SEAN

2. Issuer Name and Ticker or Trading Symbol  
ARCH CAPITAL GROUP LTD.  
[ACGL]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)

Director  10% Owner  
 Officer (give title below)  Other (specify below)

C/O WARBURG PINCUS LLC, 466 LEXINGTON AVE

10/30/2008

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

NEW YORK, NY 10017

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
				(A) or (D)	Price			
Common Shares, \$0.01 par value per share <sup>(1)</sup> <sup>(2)</sup>	10/30/2008		J <sup>(3)</sup>	3,492,586	D	3,989,150	I	See Footnotes (1) and (2)
Common Shares, \$0.01 par value per share <sup>(1)</sup> <sup>(2)</sup>	10/30/2008		A	10,925 <sup>(3)</sup>	A	58,355	D	

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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)

Table with 9 columns: 1. Title of Derivative Security, 2. Conversion or Exercise Price of Derivative Security, 3. Transaction Date, 3A. Deemed Execution Date, 4. Transaction Code, 5. Number of Derivative Securities, 6. Date Exercisable and Expiration Date, 7. Title and Amount of Underlying Securities, 8. Price of Derivative Security, 9. Number of Derivative Securities.

Reporting Owners

Table with 2 main columns: Reporting Owner Name / Address, Relationships (Director, 10% Owner, Officer, Other). Entry for CARNEY SEAN, C/O WARBURG PINCUS LLC.

Signatures

/s/ Sean D. Carney, Director 10/31/2008
\*\*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) See Exhibit 99.
(2) Sean D. Carney, a Director of the Issuer, is a General Partner of WP, a Managing Director and Member of WP LLC and a beneficial owner of certain shares of capital stock of WP VIII Bermuda Ltd. and WPIP Bermuda Ltd.

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Netherlands I. Mr. Carney disclaims beneficial ownership of all shares owned by the Warburg Pincus Entities.

- (3) On October 30, 2008, WP VIII Bermuda, WPIP Bermuda and WPIP Netherlands I distributed an aggregate of 3,492,586 Common Shares to their limited and general partners. Mr. Carney received 10,925 Common Shares pursuant to the distributions.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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