

CME GROUP INC.
Form 4
July 16, 2007

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 *
Carey Charles P

(Last) (First) (Middle)
20 SOUTH WACKER DRIVE
(Street)
CHICAGO, IL 60606
(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
CME GROUP INC. [CME]

3. Date of Earliest Transaction
(Month/Day/Year)
07/12/2007

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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)
Common Stock Class A	07/12/2007		A	V	12,767.625	A	U
					12,767.625	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.

SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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Table with 10 columns: 1. Title of Derivative Security, 2. Conversion or Exercise Price of Derivative Security, 3. Transaction Date, 3A. Deemed Execution Date, if any, 4. Transaction Code, 5. Number of Derivative Securities Acquired (A) or Disposed of (D), 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 Carey Charles P, 20 SOUTH WACKER DRIVE CHICAGO, IL 60606, with 10% Owner relationship marked with an X.

Signatures

/s/ Margaret C. Austin For: Charles P. Carey 07/16/2007
**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).
Received in exchange for shares of CBOT Holdings, Inc. ("CBOT Holdings") Class A common stock in connection with the merger (the "Merger") of CBOT Holdings with and into Chicago Mercantile Exchange Holdings Inc. ("CME Holdings"). Pursuant to the terms of the agreement governing the Merger, at the effective time of the Merger, each share of CBOT Holdings Class A common stock was converted into the right to receive 0.3750 shares of CME Holdings Class A common stock. The effective time of the Merger occurred before the markets opened on July 13, 2007. The closing price on the trading day prior to the effective time of the Merger was \$580.05 for CME Holdings Class A common stock and \$227.50 for CBOT Holdings Class A common stock. Immediately prior to the effective time of the Merger, Mr. Carey held 34,047 shares of CBOT Holdings Class A common stock.

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.