Sammann Derek Form 4 December 16, 2009

FORM 4

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

OMB Number: 3235-0287

Estimated average

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

OMB APPROVAL

Form 4 or Form 5 obligations may continue.

See Instruction

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

burden hours per response... 0.5

1(b).

Common

A

Stock Class 12/15/2009

(Print or Type Responses)

1. Name and Ao Sammann Do	Symbol	2. Issuer Name and Ticker or Trading Symbol CME GROUP INC. [CME]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last)	(First) (M	iddle) 3. Date of	3. Date of Earliest Transaction						
20 S. WACK	`	(Month/Day/Year) 12/15/2009			ve title Oth below) nancial Prod &	ner (specify			
	4. If Amer	4. If Amendment, Date Original			6. Individual or Joint/Group Filing(Check				
CHICAGO,	Filed(Mon	Filed(Month/Day/Year)			Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Own									
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		Code	4. Securities on Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership		

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)

Following

Reported

1,188

Transaction(s) (Instr. 3 and 4)

(A)

(D)

Α

Price

\$0

(Instr. 4)

D

(Instr. 4)

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

Code V Amount

296

A

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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. Transacti Code (Instr. 8)	5. Number on f Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	f Expiration Date Derivative (Month/Day/Year) Decurities Acquired A) or Disposed f (D) Instr. 3, 4,		7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amoun or Numbe of Shares
Non-Qualified Stock Option (right to buy)	\$ 331.25	12/15/2009		A	596 (1)	12/15/2010	12/15/2019	Common Stock Class A	596

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Sammann Derek

20 S. WACKER DRIVE MD Financial Prod & Svcs

CHICAGO, IL 60606

Signatures

By: Margaret C. Austin For: Derek L. Sammann 12/16/2009

**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) These options were granted on December 15, 2009. They vest over a four-year period, with 25% vesting one year after the grant date and 25% vesting on that same date in each of the following three years, subject to acceleration or termination in certain circumstances.

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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