Paulhac Laurent
Form 4
September 18, 2012

FORM 4

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

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 [*] Paulhac Laurent (Last) (First) (Middle) 20 S. 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) 09/14/2012 4. If Amendment, Date Original Filed(Month/Day/Year)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) _____ Director _____ 10% Owner __X__ Officer (give title _____ Other (specify below) below) Sr MD Fincl & OTC Prod & Svcs 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ 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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock Class A	09/14/2012		S		2,585	D	$ 59.7	12,175	D	
Common Stock Class A	09/14/2012		S		1,000	D	$ 59.72	11,175	D	
Common Stock Class A	09/14/2012		A		3,716	A	$ 0	14,891	D	
Common Stock Class	09/15/2012		F		391 [(1)]	D	$ 58.89	14,500	D	

1

A

| Common Stock Class A | 09/15/2012 | | F | 375 ⁽¹⁾ | D | $58.89 | 14,125 | | D |
| Common Stock Class A | 09/15/2012 | | F | 502 ⁽¹⁾ | D | $58.89 | 13,623 | | D |

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 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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
									Date Exercisable	Expiration Date	Title	Amount or Number of Shares		
				Code	V	(A)	(D)							

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Paulhac Laurent 20 S. WACKER DRIVE CHICAGO, IL 60606			Sr MD Fincl & OTC Prod & Svcs	

Signatures

By: Margaret Austin Wright For: Laurent Paulhac

09/18/2012

^{**}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)   Mr. Paulhac surrendered shares to the Company in order to fulfill tax withholding obligations upon the vesting of restricted stock on September 15, 2012.

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.