CME GROUP INC.

Check this box if

no longer subject

to Section 16.

5 obligations

may continue.

Form 4 or Form

Form 5

January 09, 2017

FORM 5 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL

OMB 3235-0362 Number:

January 31, Expires: 2005

1.0

Estimated average burden hours per response...

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Washington, D.C. 20549

See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940

Form 4

Transactions Reported

1. Name and A Sammann D	Symbol	2. Issuer Name and Ticker or Trading Symbol CME GROUP INC. [CME]			5. Relationship of Reporting Person(s) to Issuer				
(Last)	(First) (M	,	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2016			(Check all applicable)			
20 S. WACF	KER DRIVE	`				Director _X_ Officer (givbelow) Sr MD Gl H	10% Owner te title Other (specify below) d Comm &Options Prod		
	(Street)	4. If Ar	4. If Amendment, Date Original			6. Individual or Joint/Group Reporting			
		Filed(Month/Day/Year)				(check applicable line)			
CHICAGO,	IL 60606					_X_ Form Filed by Form Filed by Person	One Reporting P More than One R		
(City)	(State)	(Zip) Ta	ble I - Non-Der	ivative Securit	ties Acqu	ired, Disposed o	of, or Beneficia	lly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, i any (Month/Day/Yea	Code	4. Securities Acquired (A) Disposed of (Instr. 3, 4 ar (A) On Amount (D)	(D) nd 5) A) r	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (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	12/23/2016	Â	G	675 (1) D	\$ 0	31,226	D	Â	

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

Â

G

675

A

A

Α

Common

Stock Class 12/23/2016

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\$0

675

SEC 2270 (9-02)

by

Children

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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.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	Number	Expiration D	ate	Amou	ınt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)
	Derivative				Securities			(Instr.	3 and 4)	
	Security				Acquired					
	•				(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
						Date	Expiration		or	
						Exercisable Date	Title Number	Number		
						Z.iciciouoie	2		of	
					(A) (D)				Shares	

of D

Reporting Owners

Reporting Owner Name / Address	Relationships					
•	Director	10% Owner	Officer	Other		
Sammann Derek 20 S. WACKER DRIVE CHICAGO, IL 60606	Â	Â	Sr MD Gl Hd Comm &Options Prod	Â		

Signatures

By: Margaret Austin Wright For: Derek Louis
Sammann
01/06/2017

**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).
- This transaction involved a gift of securities from the reporting person to his children, who share the reporting person's household. The reporting person disclaims beneficial ownership of the shares held by his children, and this report should not be deemed as an admission that the reporting person is the beneficial owner of his children's shares for purposes of Section 16 or for any other purpose.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.

Reporting Owners 2