CME GROUP INC.

Form 5

February 14, 2017

#### **OMB APPROVAL** FORM 5 **OMB**

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.

### ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

2005 Estimated average burden hours per response... 1.0

Number:

Expires:

3235-0362

January 31,

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

Reported

(Last)

Transactions

1. Name and Address of Reporting Person \* SHEPARD WILLIAM R

(First)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

below)

CME GROUP INC. [CME] (Middle)

3. Statement for Issuer's Fiscal Year Ended

\_X\_ Director 10% Owner Officer (give title Other (specify

(Check all applicable)

below)

(Month/Day/Year) 12/31/2016

20 S. WACKER DR

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Reporting

(check applicable line)

### CHICAGO, ILÂ 60606

\_X\_ Form Filed by One Reporting Person Form Filed by More than One Reporting

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1.Title of<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3.<br>Transaction<br>Code<br>(Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)  (A) or |     | 5. Amount of<br>Securities<br>Beneficially<br>Owned at end<br>of Issuer's<br>Fiscal Year<br>(Instr. 3 and<br>4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |   |
|--------------------------------------|---|---|---|---|-----|---|--|---|---|
| Common<br>Stock<br>Class A           | 09/28/2012                              | Â   | <u>J(1)</u>                             | Amount 116.22 (2)   | (D) | Price \$ 53.19 (2)  | 52,340.4   | D   | Â |
| Common<br>Stock<br>Class A           | 12/28/2010                              | Â   | <u>J(1)</u>                             | 95.05<br>(2)  | A   | \$<br>65.31<br>(2)  | 52,435.45  | D   | Â |
| Common<br>Stock<br>Class A           | 03/28/2011                              | Â   | <u>J(1)</u>                             | 128.19<br>(2)   | A   | \$<br>59.16<br>(2)  | 52,563.64  | D   | Â |

of

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| Common<br>Stock<br>Class A | 06/28/2011 | Â | J <u>(1)</u> | 134.3<br>(2)  | A | \$<br>56.74<br>(2)  | 52,697.95 | D | Â |
|----------------------------|------------|---|--------------|---------------|---|---------------------|-----------|---|---|
| Common<br>Stock<br>Class A | 09/27/2011 | Â | J <u>(1)</u> | 142.06<br>(2) | A | \$ 53.9<br>(2)      | 52,840.01 | D | Â |
| Common<br>Stock<br>Class A | 12/31/2011 | Â | J <u>(1)</u> | 158.23<br>(2) | A | \$ 48.65 (2)        | 52,998.24 | D | Â |
| Common<br>Stock<br>Class A | 03/26/2012 | Â | J <u>(1)</u> | 207.96<br>(2) | A | \$ 59.3<br>(2)      | 53,206.2  | D | Â |
| Common<br>Stock<br>Class A | 06/26/2012 | Â | J <u>(1)</u> | 231.5<br>(2)  | A | \$ 53.67 <u>(2)</u> | 53,437.7  | D | Â |
| Common<br>Stock<br>Class A | 09/26/2012 | Â | J <u>(1)</u> | 222.29        | A | \$<br>56.86         | 53,659.99 | D | Â |
| Common<br>Stock<br>Class A | 12/27/2012 | Â | J <u>(1)</u> | 252.99        | A | \$<br>50.36         | 53,912.98 | D | Â |
| Common<br>Stock<br>Class A | 03/26/2013 | Â | J <u>(1)</u> | 209.19        | A | \$<br>61.44         | 54,122.17 | D | Â |
| Common<br>Stock<br>Class A | 06/26/2013 | Â | J <u>(1)</u> | 169.78        | A | \$<br>76.26         | 54,291.96 | D | Â |
| Common<br>Stock<br>Class A | 09/30/2013 | Â | J <u>(1)</u> | 173.55        | A | \$<br>75.04         | 54,465.51 | D | Â |
| Common<br>Stock<br>Class A | 12/27/2013 | Â | J <u>(1)</u> | 164.12        | A | \$<br>79.83         | 54,629.63 | D | Â |
| Common<br>Stock<br>Class A | 03/26/2014 | Â | J <u>(1)</u> | 180.47        | A | \$<br>76.25         | 54,810.1  | D | Â |
| Common<br>Stock<br>Class A | 06/26/2014 | Â | J <u>(1)</u> | 197.96        | A | \$<br>69.65         | 55,008.06 | D | Â |
| Common<br>Stock<br>Class A | 09/26/2014 | Â | J <u>(1)</u> | 175.43        | A | \$<br>79.46         | 55,183.49 | D | Â |
| Common<br>Stock            | 12/29/2014 | Â | J <u>(1)</u> | 155.2         | A | \$<br>90.34         | 55,338.69 | D | Â |

| Class A   |   |   |                                      |                    |   |   |         |   |          |
|---|---|---|--------------------------------------|--------------------|---|---|---------|---|----------|
| Common<br>Stock<br>Class A  | Â | Â | Â                                    | Â                  | Â | Â | 136,623 | I | by Trust |
| Common<br>Stock<br>Class B1   | Â | Â | Â                                    | Â                  | Â | Â | 5       | I | by Trust |
| Common<br>Stock<br>Class B2   | Â | Â | Â                                    | Â                  | Â | Â | 5       | I | by Trust |
| Common<br>Stock<br>Class B3   | Â | Â | Â                                    | Â                  | Â | Â | 2       | I | by Trust |
| Common<br>Stock<br>Class B4   | Â | Â | Â                                    | Â                  | Â | Â | 1       | I | by Trust |
| Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. |   |   | Persons w<br>contained<br>the form d | SEC 2270<br>(9-02) |   |   |         |   |          |

 $\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (e.g., puts, calls, warrants, options, convertible securities) \end{tabular}$ 

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| Derivative | Conversion                         | 3. Transaction Date (Month/Day/Year) | SA. Deemed Execution Date, if | 4. Transaction | 5.<br>Number  | 6. Date Exerc<br>Expiration Da |                    | Amou              |  | 8. Price o Derivativ |
|------------|------------------------------------|--------------------------------------|-------------------------------|----------------|---|--------------------------------|--------------------|-------------------|--|----------------------|
| Security   | or Exercise                        | ,                                    | any                           | Code           | of  | (Month/Day/                    |                    | Under             | lying                                  | Security             |
| (Instr. 3) | Price of<br>Derivative<br>Security |                                      | (Month/Day/Year)              | (Instr. 8)     | Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3,<br>4, and 5) |                                |                    | Securi<br>(Instr. | ties 3 and 4)                          | (Instr. 5)           |
|            |                                    |                                      |                               |                | (A) (D)   | Date<br>Exercisable            | Expiration<br>Date | Title             | Amount<br>or<br>Number<br>of<br>Shares |                      |

# **Reporting Owners**

| Reporting Owner Name / Address                            | Relationships |           |         |      |  |  |  |  |
|---|---------------|-----------|---------|------|--|--|--|--|
| r   | Director      | 10% Owner | Officer | Othe |  |  |  |  |
| SHEPARD WILLIAM R<br>20 S. WACKER DR<br>CHICAGO, IL 60606 | ÂX            | Â         | Â       | Â    |  |  |  |  |

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## **Signatures**

by: Margaret Austin Wright for William R. Shepard

02/14/2017

\*\*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 Form 5 is being filed to correct the number of shares of CME Group Class A common stock beneficially held by Mr. Shepard. Mr.
- (1) Shepard acquired a total of 3,114.51 shares of CME Group Class A common stock under a broker directed dividend reinvestment plan (DRIP) on a quarterly basis from 9/28/2010 through 12/29/2014. His total direct ownership, including 3,114.51 shares, is 55,338.69.
- (2) Adjusted to account for a subsequent 5 to 1 stock split to reflect current ownership and cost.
- Ownership has been updated to reflect the transfer of 136,623 shares of CME Group Class A common stock to Mr. Shepard's trust on December 9, 2016.

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.

Signatures 4