FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPRO | VAL |
|-------------------------|--|
| OMB Number: | 3235-0287 |
| Estimated average burde | en |
| hours per response: | 0.5 |
| | OMB Number: Estimated average burde |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person* <u>DUFFY TERRENCE A</u> | | | | | 2. Issuer Name and Ticker or Trading Symbol CME GROUP INC. [CME] | | | | | | | | Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner | | | | | | |
|--|---|--|---|--------------|---|--|------------------------|-------------------|--|---|-----------------------|--|---|---|--|---|--|--|--|
| (Last) (First) (Middle) 20 S. WACKER DRIVE | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 03/14/2013 | | | | | | | | helow) | Officer (give title below) b | | | pecify nt | | |
| (Street) CHICAC | CAGO IL 60606 | | | | 4. | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | e) X Form f Form f | ridual or Joint/Group Filing Form filed by One Repo Form filed by More than Person | | | orting Person | |
| | | Tal | ole I - No | n-Der | ivativ | e Se | curi | ties Ac | quired | l, Dis | sposed of | f, or Ben | eficia | ly Owned | | | | | |
| 1. Title of Security (Instr. 3) 2. Transact Date (Month/Day | | | saction | 2 Ear) if | 2A. Deemed Execution Date, if any (Month/Day/Year) | | 3. Transa Code (| Transaction Dispo | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 a | | 5. Amou Securition Benefici Owned I | nt of es ally Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | : Direct I r Indirect I str. 4) (| 7. Nature of Indirect Beneficial Ownership | | | |
| | | | | | | | | | Code | v | Amount | (A) or (D) | Price | Reporte Transac (Instr. 3 | tion(s) | | | Instr. 4) | |
| Common | Stock Class | s A | | 03/1 | 4/2013 | 3 | | | М | | 5,340 | A | \$54.3 | 98 | ,541 | | D | | |
| Common | Stock Clas | s A | | 03/1 | 4/2013 | 3 | | | S | | 5,340 | D | \$62.81 ⁽¹⁾ | | 3,201 | | D | | |
| Common Stock Class A 03 | | | 03/1 | 4/2013 | 2013 | | | M | | 18,480 | A | \$54. | 3 111 | 111,681 | | D | | | |
| Common | Stock Class | s A | | 03/1 | 4/2013 | 2013 | | S | | 18,480 | D | \$62.8 | L ⁽¹⁾ 93 | 93,201 | | D | | | |
| Common Stock Class A 03/14/2 | | | | | | | M | | 15,890 | A | | | 09,091 | | D | | | | |
| Common Stock Class A 03/14/2 | | | | <u> </u> | | S | | 15,890 | D | | | 3,201 | | D | | | | | |
| | | • | Table II - | | | | | | | | osed of, convertib | | | / Owned | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deeme Execution if any (Month/Da | Date, | Code (Ins | | ion of I | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | e | 7. Title and An of Securities Underlying Derivative Sec (Instr. 3 and 4) | | Derivative Security | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | | Code | v | (A) | (D) | Date Exercisa | ble | Expiration Date | Title | Amount or Number of Shares | | | | | | |
| Non- Qualified Stock Option (right to buy) | \$54.3 | 03/14/2013 | | | M | | | 18,480 | 09/15/20 | 12 ⁽²⁾ | 09/15/2020 | Common Stock Class A | 18,480 | \$0.0 | 18,48 | 0 | D | | |
| Non- Qualified Stock Option (right to buy) | \$54.37 | 03/14/2013 | | | M | | | 5,340 | 09/15/20 | 12 ⁽³⁾ | 09/15/2021 | Common Stock Class A | 5,340 | \$0.0 | 16,02 | 0 | D | | |
| Non- Qualified Stock Option (right to buy) | \$56.87 | 03/14/2013 | | | М | | | 15,890 | 09/15/20 | 12 ⁽⁴⁾ | 09/15/2019 | Common Stock Class A | 15,890 | \$0.0 | 7,945 | 5 | D | | |

Explanation of Responses:

- 1. On March 14, 2013, Mr. Duffy sold a total of 39,710 shares of CME Group Class A common stock at an average price of \$62.81 per share, including the exercise of options. The price ranges were \$62.80 through \$62.92. The Company maintains a record of the transactions and copies will be provided upon request.
- $2. \ On \ September \ 15, 2012, this \ option \ vested \ with \ respect \ to \ 50\% \ of \ the \ granted \ number \ of \ shares \ covered \ by \ the \ option.$
- 3. On September 15, 2012, this option vested with respect to 25% of the granted number of shares covered by the option.
- 4. On September 15, 2012, this option vested with respect to 75% of the granted number of shares covered by the option.

By: Margaret Austin Wright For: Terrence Andrew Duffy ** Signature of Reporting Person

03/18/2013

Date

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

- * 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.