CME GROUP INC.

Form 4

October 02, 2014

FORM 4

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

OMB Number:

Check this box if no longer STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to **SECURITIES** Section 16.

3235-0287 January 31, Expires: 2005

OMB APPROVAL

Form 4 or Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations

Estimated average burden hours per response... 0.5

may continue. See Instruction

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

| 1. Name and Address of Reporting Person * Harley Jill A | | | 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) | (Middle) | 3. Date of Earliest Transaction | (Check an applicable) | | |
| 20 S. WACK | ER DRIVE | | (Month/Day/Year) 10/01/2014 | Director 10% Owner _X_ Officer (give title Other (specify below) MD & CAO | | |
| | (Street) | | 4. If Amendment, Date Original | 6. Individual or Joint/Group Filing(Check | | |
| CHICAGO, I | L 60606 | | 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 Acq | uired, Disposed of, or Beneficially Owned | | |

| (City) | (State) | Zip) Table | e I - Non-D | erivative | Secur | ities Acq | uired, Disposed of | f, or Beneficial | y Owned |
|--------------------------------------|--------------------------------------|---|---|-----------|------------------|--|--|---|---------|
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) | | | 5. Amount of Securities Beneficially Owned Following | 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 | Reported Transaction(s) (Instr. 3 and 4) | | |
| Common Stock Class A | 10/01/2014 | | M | 800 | A | \$ 56.87 | 13,185 | D | |
| Common Stock Class A | 10/01/2014 | | S | 800 (1) | D | \$ 80 | 12,385 | D | |
| Common Stock Class A | 10/01/2014 | | S | 400 (1) | D | \$ 79.96 | 11,985 | D | |

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

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SEC 1474 (9-02)

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) | 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 | 6. Date Exercisal Expiration Date (Month/Day/Yea | | 7. Title and Underlying (Instr. 3 and | Securi |
|---|---|--------------------------------------|---|---------------------------------------|--|--|--------------------|---------------------------------------|--------------------------------|
| | · | | | | Disposed of (D) (Instr. 3, 4, and 5) | | | | |
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amo or Nun of Shar |
| Non-Qualified Stock Option (right to buy) | \$ 56.87 | 10/01/2014 | | M | 800 | 09/15/2013(2) | 09/15/2019 | Common Stock Class A | 80 |

Reporting Owners

| Reporting Owner Name / Address | Relationships |
|--------------------------------|---------------|
| | |

Officer Director 10% Owner Other

Harley Jill A

MD & CAO 20 S. WACKER DRIVE

CHICAGO, IL 60606

Signatures

By: Margaret Austin Wright For: Jill A. 10/02/2014 Harley

> **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) This sale was completed pursuant to the terms of a pre-arranged trading plan established in accordance with Rule 10b5-1.
- (2) On September 15, 2013, these options vested with respect to 100% of the granted number of shares covered by the option.

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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