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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden

| Estimated average burden | |
|--------------------------|-----|
| hours per response: | 0.5 |

| 1. Nume and Address of Reporting reison | | | 2. Issuer Name and Ticker or Trading Symbol MRC GLOBAL INC. [MRC] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | |
|--|---------|----------|---|--|--|--|--|--|
| | | | | X Director 10% Owner | | | | |
| (Last) (First) (Middle) FULBRIGHT TOWER | | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 04/28/2016 | Officer (give title Other (specify below) below) | | | | |
| 1301 MCKINNEY ST., SUITE 2300 | | FE 2300 | | | | | | |
| | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | |
| (Street) | | | | X Form filed by One Reporting Person | | | | |
| HOUSTON | TX | 77010 | | Form filed by More than One Reporting Person | | | | |
| (City) | (State) | (Zip) | | | | | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction 2A Date Ex (Month/Day/Year) if a (M | | 3. Transaction Code (Instr. 8) | | | | | 5. Amount of Securities Beneficially Owned Following Reported | 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 | Transaction(s) (Instr. 3 and 4) | | (1130.4) |
| Common Stock | 04/28/2016 | | A | | 9,246 ⁽¹⁾ | Α | \$0 | 31,764 | D | |
| Common Stock | 04/29/2016 | | F | | 2,456 ⁽²⁾ | D | \$13.98 | 29,308 | D | |

 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. Transa Code (8) | | of | | 6. Date Exerc Expiration Da (Month/Day/Y | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 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 Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |

Explanation of Responses:

1. Represents shares of restricted Common Stock awarded to the reporting person on 4/28/2016 that will vest on 4/28/2017, conditioned on the reporting person's continued service as a director of the issuer and subject to (a) pro-rata vesting if the reporting person's service as a director terminates prior to 4/28/2017 and (b) accelerated vesting under certain circumstances.

2. The reporting person surrendered these shares on April 29, 2016 to satisfy tax withholding obligations resulting from the vesting of certain shares of the issuer's Common Stock.

<u>Ann D. Garnett</u>

Person Date

05/02/2016

** Signature of Reporting Person

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.