

Sanger William A
 Form 4
 February 22, 2010

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Sanger William A

2. Issuer Name and Ticker or Trading Symbol
 Emergency Medical Services CORP [EMS]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 02/18/2010

Director 10% Owner
 Officer (give title below) Other (specify below)
 Chairman and CEO

C/O EMERGENCY MEDICAL SERVICES CORP., 6200 S. SYRACUSE WAY, SUITE 200

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

GREENWOOD VILLAGE, CO 80111-4737

(City) (State) (Zip)

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 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 | | | |
| Class A Common Stock | 02/18/2010 | | M | 25,800 A \$ 6.67 | 288,300 | D | |
| Class A Common Stock | 02/18/2010 | | S ⁽¹⁾ | 25,800 D \$ 53.0196 | 262,500 | D | |
| Class A Common Stock | 02/19/2010 | | M | 51,200 A \$ 6.67 | 313,700 | D | |

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| | | | | | | | |
|---------|------------|--|------------------|--------|----|------------|---------|
| Class A | | | | | \$ | | |
| Common | 02/19/2010 | | S ⁽¹⁾ | 51,200 | D | 53.1863 | 262,500 |
| Stock | | | | | | <u>(3)</u> | D |

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

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 control number.

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(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) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Stock option (right to buy) | \$ 6.67 | 02/18/2010 | | M | 25,800 | <u>(4)</u> 02/10/2015 | Class A Common Stock | 25,800 |
| Stock option (right to buy) | \$ 6.67 | 02/19/2010 | | M | 51,200 | <u>(4)</u> 02/10/2015 | Class A Common Stock | 51,200 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Sanger William A C/O EMERGENCY MEDICAL SERVICES CORP. 6200 S. SYRACUSE WAY, SUITE 200 GREENWOOD VILLAGE, CO 80111-4737 | X | | Chairman and CEO | |

Signatures

/s/ Todd G. Zimmerman, as
attorney-in-fact

02/22/2010

 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 effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on March 3, 2009.

The price reported in column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$53.00 to \$53.62, inclusive. The reporting person undertakes to provide to the issuer, any security holder of the issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this Form 4.

(2) The price reported in column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$53.00 to \$53.82, inclusive. The reporting person undertakes to provide to the issuer, any security holder of the issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this Form 4.

(3) The option is fully vested.

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

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