

Emergency Medical Services CORP  
 Form 4/A  
 November 10, 2008

**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 \*  
 Norman Kim

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)  
 11/05/2008

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 Sr. VP Human Resources

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

4. If Amendment, Date Original Filed(Month/Day/Year)  
 11/07/2008

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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  |                                | (A) or (D)<br>Code V Amount Price                                 |   |  |                                   |
| Common Stock                    | 11/05/2008                           |  | M                              | 6,563 A \$ 6.67   | 8,063   | D  |                                   |
| Common Stock                    | 11/05/2008                           |  | S                              | 500 D \$ 37.19  | 7,563   | D  |                                   |
| Common Stock                    | 11/05/2008                           |  | S                              | 1,062 D \$ 37.14  | 6,501   | D  |                                   |
| Common Stock                    | 11/05/2008                           |  | S                              | 100 D \$ 37.09  | 6,401   | D  |                                   |

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|              |            |   |       |   |          |       |   |
|--------------|------------|---|-------|---|----------|-------|---|
| Common Stock | 11/05/2008 | S | 1,000 | D | \$ 37.08 | 5,401 | D |
| Common Stock | 11/05/2008 | S | 100   | D | \$ 37.07 | 5,301 | D |
| Common Stock | 11/05/2008 | S | 100   | D | \$ 37.05 | 5,201 | D |
| Common Stock | 11/05/2008 | S | 800   | D | \$ 37.04 | 4,401 | D |
| Common Stock | 11/05/2008 | S | 300   | D | \$ 37.03 | 4,101 | D |
| Common Stock | 11/05/2008 | S | 800   | D | \$ 37.02 | 3,301 | D |
| Common Stock | 11/05/2008 | S | 1,801 | D | \$ 37    | 1,500 | D |

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

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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. Title and Amount of Derivative Securities (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|---|
| Stock Option                               | \$ 6.67  | 11/05/2008                           |  | M                              | 6,563   | <sup>(1)</sup> 02/10/2015                                | Common Stock 6,563  |   |

## Reporting Owners

| Reporting Owner Name / Address                     | Relationships |           |                 |       |
|--|---------------|-----------|-----------------|-------|
|  | Director      | 10% Owner | Officer         | Other |
| Norman Kim<br>C/O EMERGENCY MEDICAL SERVICES CORP. |               |           | Sr. VP<br>Human |       |

6200 S. SYRACUSE WAY, SUITE 200  
GREENWOOD VILLAGE, CO 80111-4737

Resources

## Signatures

/s/ Kimberly  
Norman

11/10/2008

\*\*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) The option vests ratably on the first four anniversaries of the grant date, beginning February 10, 2006, provided that the exercisability of one-half of the options is conditioned upon meeting certain specified performance targets.

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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