

Emergency Medical Services CORP
 Form 4
 May 11, 2007

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 *
 Murphy Steven G

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

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

3. Date of Earliest Transaction (Month/Day/Year)
 05/10/2007

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)
 ___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 Sr. VP Gov't & Nat'l Services

GREENWOOD VILLAGE, CO 80111-4737
 (City) (State) (Zip)

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

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 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)	Price			
				Code	V	Amount		
Common Stock	05/10/2007		M	1,937	A	\$ 6.67	5,687	D
Common Stock	05/10/2007		S	1,937	D	\$ 37	3,750	D

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

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number.

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
Employee stock option (right to buy)	\$ 6.67	05/10/2007		M	1,937	⁽¹⁾ 02/10/2015	Common Stock	1,937

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Murphy Steven G C/O EMERGENCY MEDICAL SERVICES CORP. 6200 S. SYRACUSE WAY, SUITE 200 GREENWOOD VILLAGE, CO 80111-4737			Sr. VP Gov't & Nat'l Services	

Signatures

/s/ Steven G. Murphy
05/11/2007

**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 options vest 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. 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.