Murphy Steven G Form 5 February 14, 2011

FORM 5 **OMB** UNITED STATES SECURITIES AND EXCHANGE COMMISSION 3235-0362 Number: Washington, D.C. 20549 Check this box if January 31, Expires: no longer subject 2005 to Section 16. Estimated average ANNUAL STATEMENT OF CHANGES IN BENEFICIAL Form 4 or Form burden hours per 5 obligations OWNERSHIP OF SECURITIES response... 1.0 may continue. See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940 Form 4 Transactions Reported 1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer Murphy Steven G Symbol **Emergency Medical Services CORP** (Check all applicable) [EMS] (Middle) 3. Statement for Issuer's Fiscal Year Ended (Last) (First) Director 10% Owner _X__ Officer (give title Other (specify (Month/Day/Year) below) below) 12/31/2010 Sr. VP Gov't & Nat'l Services C/O EMERGENCY MEDICAL SERVICES CORP., Â 6200 S. SYRACUSE WAY, SUITE 200 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line)

GREENWOOD	
VILLAGE, CO	80111-4737

(State)

(Zip)

(City)

X Form Filed by One Reporting Person _ Form Filed by More than One Reporting

OMB APPROVAL

` •	Table 1 - 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) (A)	(A) or Disposed of (D) Securities Ownersl (Instr. 3, 4 and 5) Beneficially Form: D Owned at end (D) or of Issuer's Indirect Fiscal Year (Instr. 4		7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Class A Common Stock	03/12/2010	Â	F4	Amount (D) Price 221 (1) D \$ 55.16	4) 3,667	D	Â		

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

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Table I. Non-Devineting Councities Assuring Disposed of an Development

SEC 2270 (9-02)

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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)	Execution Date, if any	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D)		ate	7. Titl Amou Under Secur (Instr.	int of rlying	8. Price of Derivative Security (Instr. 5)	9. of D Se B O E Is Fi
					(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		(In

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	Â	Â	Sr. VP Gov't & Nat'l Services	Â	

Signatures

/s/ Steven G.
Murphy

**Signature of Date

Reporting Person

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) Represents the withholding of shares upon the vesting of restricted stock on March 12, 2010 to satisfy income tax obligations, as disclosed in the issuer's Quarterly Report on Form 10-Q for the quarter ended September 30, 2010.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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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