Flynn James E Form SC 13G/A February 13, 2009

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b)(c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

| (Amendment No. 1)* |
|--|
| Emergency Medical Services Corporation |
| (Name of Issuer) |
| Common Stock |
| (Title of Class of Securities) |
| 29100P102 |
| (CUSIP Number) |
| December 31, 2008 |
| (Date of Event Which Requires Filing of this Statement) |
| Check the appropriate box to designate the rule pursuant to which this Schedule is filed: |
| _ Rule 13d-1(b) X Rule 13d-1(c) _ Rule 13d-1(d) |
| (Page 1 of 11 Pages) |
| * The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the |

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

> 13G Page 2 of 11

CUSIP No. 29100P102

disclosures provided in a prior cover page.

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) Deerfield Capital, L.P. _____ CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) |_| (b) |X| ______ 3. SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION Delaware 5. SOLE VOTING POWER NUMBER OF 6. SHARED VOTING POWER SHARES BENEFICIALLY 128,376 OWNED BY 7. SOLE DISPOSITIVE POWER EACH REPORTING PERSON 0 WITH ______ 8. SHARED DISPOSITIVE POWER 128,376 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 128,376 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* |_| PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.35% 12. TYPE OF REPORTING PERSON* PN 13G Page 3 of 11 CUSIP No. 29100P102 ______ NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) Deerfield Partners, L.P.

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a) |_|

| | | | | | (b) | X |
|-------|--|---------|---|--------|--------|------|
| 3. | SEC USE | ONLY | | | | |
| 4. | CITIZENS | HIP OR | PLACE OF ORGANIZATION | | | |
| | Delaware | | | | | |
| | | 5. | SOLE VOTING POWER | | | |
| | | | 0 | | | |
| NUM | NUMBER OF SHARES BENEFICIALLY | | SHARED VOTING POWER | | | |
| | | | 128,376 | | | |
| | ED BY ACH | 7. | SOLE DISPOSITIVE POWER | | | |
| PE | ORTING RSON | | 0 | | | |
| W | ITH | 8. | SHARED DISPOSITIVE POWER | | | |
| | | | 128,376 | | | |
| 9. | AGGREGAT | E AMOUN | T BENEFICIALLY OWNED BY EACH REPORTING PERSON | | | |
| | 128,376 | | | | | |
| 10. | CHECK BC | X IF TH | HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN : | SHARES | S* | _ |
| 11. | PERCENT | OF CLAS | SS REPRESENTED BY AMOUNT IN ROW (9) | | | |
| | 1.35% | | | | | |
| 12. | TYPE OF REPORTING PERSON* | | | | | |
| | PN | | | | | |
| | | | | | | |
| | | | | | | |
| | | | 13G | Page 4 | 4 01 | î 11 |
| CUSIP | No. 29 | 100P102 | 2 | | | |
| 1. | | | ING PERSONS ICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) | | | |
| | Deerfiel | d Manaq | gement Company, L.P. | | | |
| 2. | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) | | | | | |
| 3. | SEC USE | | | | | |

| 4. | CITIZENS | HIP OR | PLACE OF ORGANIZATION | | | |
|-------|--|------------|--|--------|-------|-------|
| | New York | | | | | |
| | | 5. | SOLE VOTING POWER | | | |
| | | | 0 | | | |
| | | 6. | SHARED VOTING POWER | | | |
| BENE | SHARES BENEFICIALLY | | 222,342 | | | |
| E | | 7. | SOLE DISPOSITIVE POWER | | | |
| PE | REPORTING PERSON | | 0 | | | |
| W | ITH | 8. | SHARED DISPOSITIVE POWER | | | |
| | | | 222,342 | | | |
| 9. | AGGREGAT | E AMOU | NT BENEFICIALLY OWNED BY EACH REPORTING PERSON | | | |
| | 222,342 | | | | | |
| 10. | | | HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN | | | _ |
| | | | | | | |
| 11. | PERCENT | OF CLA | SS REPRESENTED BY AMOUNT IN ROW (9) | | | |
| | 2.33% | | | | | |
| 12. | TYPE OF | REPORT | ING PERSON* | | | |
| | PN | | | | | |
| | | | | | | |
| | | | | | | |
| | | | 13G | Page 5 | of 1 | 11 |
| CUSIP | No. 29 | 100P10 | 2 | | | |
| 1. | | | ING PERSONS ICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) | | | |
| | Deerfiel | d Inte | rnational Limited | | | |
| 2. | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) _ | | | | | |
| | | | | d) |) 2 | Κ |
| 3. | SEC USE | ONLY | | | | |
| | | | | | | |
| 4. | CITIZENS | HIP OR | PLACE OF ORGANIZATION | | | |
| | British | Virgin | Islands | | | |

| | | 5 | SOLE VOTING POWER | |
|---------------------|------------------|------------|---|-------------------|
| | | J . | | |
| | | | 0 | |
| NUMBER OF SHARES | | 6. | SHARED VOTING POWER | |
| | FICIALLY | | 222,342 | |
| E | OWNED BY EACH | | SOLE DISPOSITIVE POWER | |
| REPORTING PERSON | | | 0 | |
| M | WITH | | SHARED DISPOSITIVE POWER | |
| | | | 222,342 | |
| | ACCDECAT | | INT BENEFICIALLY OWNED BY EACH REPORTING PERSON | |
| 9. | | E AMOC | NI DENEFICIALLI OWNED DI EACH REPORTING PERSON | |
| | 222,342 | | | |
| 10. | CHECK BO | X IF T | HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN | SHARES* _ |
| | | | | |
| 11. | PERCENT | OF CLA | SS REPRESENTED BY AMOUNT IN ROW (9) | |
| | 2.33% | | | |
| 12. | TYPE OF | REPORT | 'ING PERSON* | |
| | СО | | | |
| | | | | |
| | | | | |
| | | | 13G | Page 6 of 11 |
| | | | | |
| CUSIP | No. 29 | 100P10 | 2 | |
| 1. | | | ING PERSONS CICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) | |
| | James E. | Flynn | | |
| 2. | CHECK TH | E APPR | COPRIATE BOX IF A MEMBER OF A GROUP* | (a) _ (b) X |
| | | | | |
| 3. | SEC USE | | | |
| | | | | |
| 4. | CITIZENS | HIP OF | PLACE OF ORGANIZATION | |
| | United S | tates | | |
| | | 5. | SOLE VOTING POWER | |
| | | | 0 | |
| | | | | |

| | 3 , | | | | | |
|---------------------|---|--|--|--|--|--|
| NUMBER OF | 6. SHARED VOTING POWER | | | | | |
| BENEFICIA | LLY 350,718 | | | | | |
| OWNED BY EACH | 7. SOLE DISPOSITIVE POWER | | | | | |
| REPORTING PERSON | 0 | | | | | |
| WITH | 8. SHARED DISPOSITIVE POWER | | | | | |
| | 350,718 | | | | | |
| 9. AGGRI | EGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON | | | | | |
| 350, | 718 | | | | | |
| 10. CHECK | K BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* _ | | | | | |
| 11. PERCE | ENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) | | | | | |
| 3.689 | | | | | | |
| | OF REPORTING PERSON* | | | | | |
| IN | OF REFORTING PERSON | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | Page 7 of 11 | | | | | |
| CUSIP No. | 29100P102 | | | | | |
| T+ 1 (-) | Name of Tanana | | | | | |
| item i(a). | Name of Issuer: | | | | | |
| | Emergency Medical Services Corporation | | | | | |
| Item 1(b). | Address of Issuer's Principal Executive Offices: | | | | | |
| | 6200 S. Syracuse Way, Suite 200 Greenwood Village, CO 80111 | | | | | |
| Item 2(a). | Name of Person Filing: | | | | | |
| | James E. Flynn, Deerfield Capital, L.P., Deerfield Partners, L.P., Deerfield Management Company, L.P., Deerfield International Limited | | | | | |
| Item 2(b). | | | | | | |
| | James E. Flynn, Deerfield Capital, L.P., Deerfield Partners, L.P. Deerfield Management Company, L.P., 780 Third Avenue, 37th Floor, New York, NY 10017 Deerfield International Limited | | | | | |
| Item 2(c). | Citizenship: | | | | | |
| | Mr. Flynn - United States citizen Deerfield Capital, L.P., Deerfield Partners, L.P., Deerfield Management Company, L.P New York Limited Partnership; Deerfield International Limited - British Virgin Islands | | | | | |

| | | corporations | | | | | | |
|------------|----------|--|---|--|--|--|--|--|
| Item 2(d). | | Title of Class of Securities: | | | | | | |
| | | Common Stock | | | | | | |
| Item 2(e). | | CUSIP Number: | | | | | | |
| | | 29100P102 | | | | | | |
| Item 3 | 3. | If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a: | - | | | | | |
| | (a) | [_] Broker or dealer registered under Section 15 of the Exchange Act. | | | | | | |
| | (b) | [_] Bank as defined in Section 3(a)(6) of the Exchange Act. | | | | | | |
| | (c) | [_] Insurance company as defined in Section 3(a)(19) of the Exchange Act. | e | | | | | |
| | (d) | [_] Investment company registered under Section 8 of the Investment Company Act. | | | | | | |
| | (e) | <pre>[_] An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);</pre> | | | | | | |
| | (f) | [_] An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F); | | | | | | |
| | (g) | [_] A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G); | | | | | | |
| | (h) | [_] A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act; | | | | | | |
| | | Page 8 of 1 | 1 | | | | | |
| | (i) | [_] A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act; | | | | | | |
| | (j) | [_] Group, in accordance with Rule 13d-1(b)(1)(ii)(J). | | | | | | |
| Item 4 | . Ow | nership. | | | | | | |
| | | de the following information regarding the aggregate number and of the class of securities of the issuer identified in Item 1. | | | | | | |
| (| a) Am | ount beneficially owned: | | | | | | |
| | De De | erfield Capital, L.P 128,376 shares erfield Partners, L.P 128,376 shares erfield Management Company, L.P 222,342 shares erfield International Limited - 222,342 shares mes E. Flynn - 350,718 shares | _ | | | | | |

(b) Percent of class:

7

Deerfield Capital, L.P. - 1.35% Deerfield Partners, L.P. - 1.35% Deerfield Management Company, L.P. - 2.33% Deerfield International Limited - 2.33% James E. Flynn - 3.68%

(c) Number of shares as to which such person has:

Sole power to vote or to direct the vote All Reporting Persons - 0

(ii) Shared power to vote or to direct the vote Deerfield Capital,

L.P. - 128,376 Deerfield Partners, L.P. - 128,376 Deerfield Management Company, L.P. - 222,342 Deerfield International Limited - 222,342 James E. Flynn -350,718

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(iii) Sole power to dispose or to direct the disposition of

All Reporting Persons - 0

(ii) Shared power to vote or to direct the vote Deerfield Capital,

L.P. - 128,376 Deerfield Partners, L.P. - 128,376 Deerfield Management Company, L.P. - 222,342 Deerfield International Limited - 222,342 James E. Flynn -350,718

Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities check the following [X].

Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

If any other person is known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, such securities, a statement to that effect should be included in response to this

item and, if such interest relates to more than five percent of the class, such person should be identified. A listing of the shareholders of an investment company registered under the Investment Company Act of 1940 or the beneficiaries of employee benefit plan, pension fund or endowment fund is not required.

N/A

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person

If a parent holding company or Control person has filed this schedule, pursuant to Rule 13d-1(b) (1) (ii) (G), so indicate under Item 3(g) and attach an exhibit stating the identity and the Item 3 classification of the relevant subsidiary. If a parent holding company or control person has filed this schedule pursuant to Rule 13d-1(c) or Rule 13d-1(d), attach an exhibit stating the identification of the relevant subsidiary.

N/A

Item 8. Identification and Classification of Members of the Group.

If a group has filed this schedule pursuant to ss.240.13d-1(b)(1)(ii)(J), so indicate under Item 3(j) and attach an exhibit stating the identity and Item 3 classification of each member of the group. If a group has filed this schedule pursuant to ss.240.13d-1(c) or ss.240.13d-1(d), attach an exhibit stating the identity of each member of the group.

See Exhibit B

Item 9. Notice of Dissolution of Group.

Notice of dissolution of a group may be furnished as an exhibit stating the date of the dissolution and that all further filings with respect to transactions in the security reported on will be filed, if required, by members of the group, in their individual capacity. See Item 5.

N/A

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Item 10. Certifications.

"By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having such purpose or effect."

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

DEERFIELD CAPITAL, L.P.

By: J.E. Flynn Capital LLC, General Partner

By: /s/ Darren Levine

Darren Levine, Attorney-In-Fact

DEERFIELD PARTNERS, L.P.

By: Deerfield Capital, L.P.

By: J.E. Flynn Capital LLC,

General Partner

By: /s/ Darren Levine

Darren Levine, Attorney-In-Fact

DEERFIELD MANAGEMENT COMPANY, L.P.

By: Flynn Management LLC

General Partner

By: /s/ Darren Levine

Darren Levine, Attorney-In-Fact

DEERFIELD INTERNATIONAL LIMITED

By: Deerfield Management Company

By: Flynn Management LLC,

General Partner

By: /s/ Darren Levine

Darren Levine, Attorney-In-Fact

JAMES E. FLYNN

/s/ Darren Levine

Darren Levine, Attorney-In-Fact

Date: February 12, 2009

Exhibit List

Exhibit A. Joint Filing Agreement.

Exhibit B. Item 8 Statement.

Exhibit C.(1) Power of Attorney

(1) Previously filed as Exhibit 24 to Form 4 with regard to Emergency Medical

Services Corporation filed with the Securities and Exchange Commission on July 20, 2007 by Deerfield Capital L.P., Deerfield Partners, L.P., Deerfield Special Situations Fund, L.P., Deerfield Management Company, L.P., Deerfield International Limited, Deerfield Special Situations Fund International Limited, Deerfield Private Design Fund, L.P., Deerfield Private Design International, L.P. and James E. Flynn.

Exhibit A

Agreement

The undersigned agree that this Schedule 13G Amendment, and all further amendments thereto, relating to the Common Stock of Emergency Medical Services Corporation shall be filed on behalf of the undersigned.

DEERFIELD CAPITAL, L.P.

By: J.E. Flynn Capital LLC, General Partner

By: /s/ Darren Levine
----Darren Levine, Attorney-In-Fact

DEERFIELD PARTNERS, L.P.

By: Deerfield Capital, L.P.

By: J.E. Flynn Capital LLC, General Partner

By: /s/ Darren Levine
-----Darren Levine, Attorney-In-Fact

DEERFIELD MANAGEMENT COMPANY, L.P.

By: Flynn Management LLC General Partner

By: /s/ Darren Levine
-----Darren Levine, Attorney-In-Fact

DEERFIELD INTERNATIONAL LIMITED

By: Deerfield Management Company

By: Flynn Management LLC, General Partner

By: /s/ Darren Levine
-----Darren Levine, Attorney-In-Fact

JAMES E. FLYNN

/s/ Darren Levine

Darren Levine, Attorney-In-Fact

Exhibit B

Due to the relationships between them, the reporting persons hereunder may be deemed to constitute a "group" with one another for purposes of Section 13(d)(3) of the Securities Exchange Act of 1934.