TERAYON COMMUNICATION SYSTEMS Form 8-K May 11, 2005

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report: May 3, 2005 (Date of earliest event reported)

TERAYON COMMUNICATION SYSTEMS, INC.

(Exact name of Registrant as specified in its charter)

Delaware

000-24647

77-0328533

(State or other jurisdiction of incorporation) (Commission file number)

(I.R.S. employer identification no.)

4988 Great America Parkway, Santa Clara, CA 95054

(Address of principal executive offices and zip code)

Registrant s telephone number, including area code: (408) 235-5500

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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Item 7.01. Regulation FD Disclosure.

On May 3, 2005 Terayon Communication Systems, Inc. (Terayon) issued a press release that it today reported financial results for the quarter ended March 31, 2005.

ITEM 9.01 Financial Statements and Exhibits.

(c) Exhibits.

Exhibit 99.1 Terayon Reports First Quarter 2005 Results

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Terayon Communication Systems, Inc.

By: /s/ Mark Richman Mark Richman Chief Financial Officer

Date: May 11, 2005

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Exhibit Index

Exhibit 99.1 Terayon Reports First Quarter 2005 Results