

This Current Report on Form 8-K is filed by Cellular Technical Services Company, Inc., a Delaware corporation (the "Company"), in connection with the matters described herein.

ITEM 5. OTHER EVENTS

On March 16, 1999, the Company issued a press release (the "Press Release") reporting that a stipulation of settlement of a securities class action lawsuit brought against the Company and certain current or former executives has been filed with the United States District Court for the Western District of Washington.

A copy of the Press Release is attached to this report as Exhibit 99.01.

ITEM 7. FINANCIAL STATEMENTS, PRO FORMA FINANCIAL INFORMATION AND EXHIBITS

(a) Financial statements of business acquired:

Not applicable.

(b) Pro forma financial information:

Not applicable.

(c) Exhibits:

99.01: Press Release dated March 16, 1999.

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 hereunto duly authorized.

Date: March 29, 1999

CELLULAR TECHNICAL SERVICES,
COMPANY, INC.

By: /s/ Michael E. McConnell

Michael E. McConnell
Chief Financial Officer

EXHIBIT INDEX

Exhibit Number -----	Description -----
99.01	Press Release dated March 16, 1999.

FOR IMMEDIATE RELEASE

Company Contact: Sue Marshall
Director, Investor Relations
516-887-0727

CELLULAR TECHNICAL SERVICES ANNOUNCES SETTLEMENT OF CLASS ACTION SUIT

Seattle, WA, March 16, 1999 - Cellular Technical Services Company, Inc. (Nasdaq NM Symbol CTSC) ("CTS"), a leading provider of real-time information management systems for the wireless communications industry, today announced that a stipulation of settlement of the securities class action originally commenced in July 1997 has been filed with the United States District Court for the Western District of Washington.

The stipulation, in which no liability or fault is admitted by CTS or any of its executives, provides for a settlement payment of \$4.1 million that will be paid by CTS' insurance carriers. The settlement is subject to various terms and conditions, including final court approval. If such terms and conditions are fulfilled, all claims brought against CTS and certain of its executives will be dismissed.

Commenting on the settlement, Kyle Sugamele, CTS' Vice President and General Counsel, stated, "We actively defended against this lawsuit since its inception as we continue to believe it is without merit. However, this settlement allows our company to again focus on reaching our goals without the expense and distraction associated with protracted litigation."

CTS provides leading technological solutions for the wireless communications industry to assist with call data collection and distribution and to prevent fraud. The Company's Blackbird Platform fraud prevention product line prevents millions of fraudulent calls each week in more than 40 of the largest markets across the United States, including: New York, Boston, Hartford/New Haven, Philadelphia, Pittsburgh, Baltimore, Washington D.C., Chicago, Detroit, Milwaukee, Atlanta, Los Angeles, San Francisco, and San Diego.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS: This press release may contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 that involve risks and uncertainties that could cause actual results to differ materially from those expressed or implied in the applicable statements. A description of these risks and uncertainties can be found in the Company's filings with the Securities and Exchange Commission.