

KEY TECHNOLOGY INC
Form 4
August 30, 2007

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

OMB APPROVAL

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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 *
Ruff James D

(Last) (First) (Middle)

C/O KEY TECHNOLOGY, INC., 150 AVERY STREET

(Street)

WALLA WALLA, WA 99362

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

KEY TECHNOLOGY INC [KTEC]

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

08/28/2007

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
____ Officer (give title below) Other (specify below)

VP Research and Development

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 Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
| | | | Code | V Amount (A) or (D) Price | | | |
| Common Stock | 08/28/2007 | | M | 2,500 A \$ 9.7 | 14,746 ⁽¹⁾ | D | |
| Common Stock | 08/28/2007 | | M | 700 A \$ 11.75 | 15,446 | D | |
| Common Stock | 08/28/2007 | | S | 3,200 D \$ 26.2825 | 12,246 | 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 |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Common Stock Options | \$ 9.7 | 08/28/2007 | | M | 2,500 | <u>(2)</u> 05/08/2008 | Common Stock | 2,500 |
| Common Stock Options | \$ 11.75 | 08/28/2007 | | M | 700 | <u>(4)</u> 05/22/2008 | Common Stock | 700 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-----------------------------|
| | Director | 10% Owner | Officer | Other |
| Ruff James D C/O KEY TECHNOLOGY, INC. 150 AVERY STREET WALLA WALLA, WA 99362 | | | | VP Research and Development |

Signatures

James D. Ruff 08/30/2007
 **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) Includes 16 shares purchased on 6/29/07 under the Key Technology, Inc. Employee Stock Purchase Plan.
- (2) 25 percent of such option became exercisable on May 8, 2004, 2005, 2006, and 2007.
- (3) Column 8 is not a required field. SEC software requires a dollar amount; use zero per SEC.
- (4) 25 percent of such option became exercisable on May 22, 1999, 2000, 2001 and 2002.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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