

KEY TECHNOLOGY INC  
Form 4  
August 30, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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 <sup>(1)</sup>	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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SEC 1474 (9-02)

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	(2) 05/08/2008	Common Stock	2,500
Common Stock Options	\$ 11.75	08/28/2007		M	700	(4) 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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