Ruff James D Form 4 August 01, 2005

FORM 4

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

OMB Number: 3235-0287

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Expires: January 31, 2005

0.5

OMB APPROVAL

subject to Section 16. Form 4 or Form 5 obligations may continue.

See Instruction

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

SECURITIES

response...

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Ruff James D Issuer Symbol KEY TECHNOLOGY INC [KTEC] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner __X__ Other (specify Officer (give title C/O KEY TECHNOLOGY. 07/29/2005 below) below) INC., 150 AVERY STREET Mgrg Dir-Key Technology BV (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting WALLA WALLA, X1 99362 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of Securities Form: Direct Indirect (Instr. 3) Code (D) Beneficially (D) or Beneficial Indirect (I) Ownership (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Amount (D) Price Common 07/29/2005 M 625 $1,030^{(1)}$ D 8.94 Stock

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474

(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number 6. Date Exercisable and Expiration Date Derivative (Month/Day/Year) Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. F Der Sec (Ins	
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Common Stock	\$ 8.94	07/29/2005	M	625	(2)	08/08/2005	Common Stock	625	\$

Reporting Owners

WALLA WALLA, X1 99362

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Ruff James D						
C/O KEY TECHNOLOGY, INC.				Mgrg Dir-Key		
150 AVERY STREET				Technology BV		

Signatures

James D. Ruff 07/29/2005

**Signature of Reporting Person Date

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 31, 43, 36, and 39 shares purchased 9/30/04, 12/31/04, 3/31/05 and 6/30/05, respectively, under the Key Technology, Inc. Employee Stock Purchase Plan.
- (2) 25 percent of such option became exercisable on August 8, 2001, 2002, 2003 and 2004.
- (3) Column 8 is not a required field. SEC software requires a dollar amount; use zero per SEC.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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