

Nichols Michael L
 Form 4
 January 08, 2013

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 *
 Nichols Michael L

(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)
 10/01/2012

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 ___X___ Officer (give title below) ___ Other (specify below)

Vice President of R & D

6. Individual or Joint/Group Filing(Check Applicable Line)
 ___X___ 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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | Code | V | Amount (A) or (D) Price | | |
| Common Stock | 10/01/2012 | | A | | 6,181 (1) \$ 0 35,183 | D | |
| Common Stock | 10/01/2012 | | A | | 12,550 (2) \$ 0 48,459 (3) | D | |

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

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

Table with 9 columns: 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. Price of Derivative Security (Instr. 5), 9. Number of Derivative Securities Owned Beneficially (Instr. 5). Includes sub-headers for Date Exercisable, Expiration Date, Title, and Amount or Number of Shares.

Reporting Owners

Table with 2 columns: Reporting Owner Name / Address, Relationships. Entry for Nichols Michael L, C/O KEY TECHNOLOGY, INC., 150 AVERY STREET, WALLA WALLA, WA 99362, Vice President of R & D.

Signatures

/s/ Michael L. Nichols 01/08/2013

**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) Represents restricted stock award, the restrictions on which shall lapse as to 2,061 shares on September 30, 2013, 2,060 shares on September 30, 2014, and 2,060 shares on September 30, 2015.
(2) Represents restricted stock award, the restrictions on which shall lapse on September 30, 2015 based on the achievement of certain performance criteria measured over a three year period ended September 30, 2015 and continued employment.
Includes 131 shares purchased on December 31, 2011, 109 shares purchased on March 31, 2012, 171 shares purchased on June 30, 2012,
(3) 151 shares purchased on September 30, 2012 and 164 shares purchased on December 31, 2012 under the Key Technology, Inc. Employee Stock Purchase Plan.

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.