

Pearce Michael D
 Form 4
 December 13, 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 *
 Pearce Michael D

2. Issuer Name and Ticker or Trading Symbol
 SMITH INTERNATIONAL INC [SII]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 PO BOX 60068
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 12/11/2007

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

HOUSTON, TX 77205
 (City) (State) (Zip)

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

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 Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | Code | V | Amount or Price | | |
| Common Stock | 12/11/2007 | | S | | 8,990 | D | |
| Common Stock | 12/11/2007 | | M | | \$ 28.27 | D | |
| Common Stock | 12/11/2007 | | M | | \$ 28.13 | D | |
| Common Stock | 12/11/2007 | | M | | \$ 19.41 | D | |
| Common Stock | 12/11/2007 | | S | | \$ 68.48 | D | |

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| | | | | | | | |
|--------------|------------|---|--------|---|----------|--------|---|
| Common Stock | 12/11/2007 | S | 788 | D | \$ 68.47 | 23,280 | D |
| Common Stock | 12/11/2007 | S | 400 | D | \$ 68.46 | 22,880 | D |
| Common Stock | 12/11/2007 | S | 400 | D | \$ 68.45 | 22,480 | D |
| Common Stock | 12/11/2007 | S | 1,300 | D | \$ 68.44 | 21,180 | D |
| Common Stock | 12/11/2007 | S | 600 | D | \$ 68.42 | 20,580 | D |
| Common Stock | 12/11/2007 | S | 700 | D | \$ 68.41 | 19,880 | D |
| Common Stock | 12/11/2007 | S | 11,000 | D | \$ 68.4 | 8,880 | D |

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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(9-02)

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) | Amount or Number of Shares | |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------------|-------|
| | | | | Code | V (A) (D) | Date Exercisable | Expiration Date | Title | |
| Employee Stock Option (right to buy) | \$ 28.27 | 12/11/2007 | | M | 3,500 | <u>(1)</u> | 05/16/2015 | Common Stock | 3,500 |
| Employee Stock Option (right to buy) | \$ 28.13 | 12/11/2007 | | M | 4,206 | <u>(2)</u> | 12/07/2014 | Common Stock | 4,206 |

| | | | | | | | | |
|--|----------|------------|---|-------|------------|------------|-----------------|-------|
| Employee Stock Option (right to buy) | \$ 19.41 | 12/11/2007 | M | 7,500 | 12/02/2007 | 12/02/2013 | Common Stock | 7,500 |
|--|----------|------------|---|-------|------------|------------|-----------------|-------|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|------------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Pearce Michael D PO BOX 60068 HOUSTON, TX 77205 | | | President Smith Technologies | |

Signatures

| | |
|----------------------|------------|
| Michael D. Pearce | 12/11/2007 |
|----------------------|------------|

**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) The option became exercisable in equal installments on May 16, 2006 and May 16, 2007.
 - (2) The option became exercisable in equal installments on Dec. 7, 2005, Dec. 7, 2006 and Dec. 7, 2007.

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.