Washington, D.C. 20549

SECURITIES

SMITH INTERNATIONAL INC

Form 4

December 13, 2005

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

if no longer subject to Section 16. Form 4 or Form 5

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940

(Middle)

See Instruction 1(b).

(Last)

Stock

PO BOX 60068

(Print or Type Responses)

1. Name and Address of Reporting Person * ROCK DOUGLAS L

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

SMITH INTERNATIONAL INC

[SII]

3. Date of Earliest Transaction

(Month/Day/Year) 12/09/2005

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

5. Relationship of Reporting Person(s) to

Issuer

below)

(Check all applicable)

X Director 10% Owner X_ Officer (give title Other (specify

> below) COB, CEO, President & COO

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

HOUSTON, TX 77205

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of 2. Transaction Date 2A. Deemed 3. Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

4. Securities Acquired (A) 5. Amount of Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

Securities Beneficially Owned Following Reported

Ownership Form: Direct (D) or Indirect (Instr. 4)

D

Indirect Beneficial Ownership (Instr. 4)

7. Nature of

(A) Transaction(s) or (Instr. 3 and 4)

(D) Price

Code V Amount Common 12/09/2005 M 161,000 Α

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

461,000 (1) (2) 11.75

> SEC 1474 (9-02)

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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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)	TransactionDerivative Code Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
F .	ŗ			Code V	5) (A)	(D)	Date Exercisable	Expiration Date	Title	Amoun Numbe Shares
Employee Stock Option (right to buy)	\$ 11.75	12/09/2005		M		161,000 (3)	12/04/2005	12/04/2011	Common Stock	161,0 (3)

Reporting Owners

Reporting Owner Name / Address	Relationships						
r	Director	10% Owner	Officer	Other			
ROCK DOUGLAS L PO BOX 60068 HOUSTON, TX 77205	X		COB, CEO, President & COO				

Signatures

Douglas L. Rock

12/13/2005

**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) On Aug. 24, 2005, the common stock of Smith International split 2-for-1, resulting in the reporting person's acquisition of 150,000 additional shares of common stock.
- (2) This option was previously reported as covering 322,000 shares at an exercise price of \$23.50 per share, but was adjusted to reflect the stock split on Aug. 24, 2005.
- (3) On Aug. 24, 2005, the common stock of Smith International split 2-for-1, resulting in the reporting person's acquisition of 80,500 additional shares of common stock.

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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