

Rivers Christopher I.S.  
 Form 3  
 January 12, 2009

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL  
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**INITIAL STATEMENT OF 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 *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Rivers Christopher I.S.		(Month/Day/Year)	SMITH INTERNATIONAL INC [SII]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
P.O. BOX 60068			(Check all applicable)	6. Individual or Joint/Group Filing(Check Applicable Line)
	(Street)		<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner	<input checked="" type="checkbox"/> Form filed by One Reporting Person
			<input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other	<input type="checkbox"/> Form filed by More than One Reporting Person
			(give title below) (specify below)	
			President & CEO, M-I SWACO	
HOUSTON, TX 77205-0068				
(City)	(State)	(Zip)		

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Sock	52,297	D	
Common Stock	8,341 <sup>(5)</sup>	I	By 401(k) Plan

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

**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.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Employee Stock Option (right to buy)	12/05/2004	12/05/2010	Common Stock	4,680	\$ 15.38	D	Â
Employee Stock Option (right to buy)	Â (1)	12/04/2011	Common Stock	11,560	\$ 11.75	D	Â
Employee Stock Option (right to buy)	Â (2)	12/03/2012	Common Stock	16,500	\$ 17.36	D	Â
Employee Stock Option (right to buy)	Â (3)	12/02/2013	Common Stock	18,000	\$ 19.41	D	Â
Employee Stock Option (right to buy)	Â (4)	12/07/2014	Common Stock	9,600	\$ 28.13	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Rivers Christopher I.S. P.O. BOX 60068 HOUSTON, TX 77205-0068	Â	Â	Â President & CEO, M-I SWACO	Â

## Signatures

Christopher I.S.                      01/12/2009  
Rivers

\*\*Signature of                      Date  
Reporting Person

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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 is exercisable in two (2) equal installments on December 4, 2004 and December 4, 2005.
- (2) The option is exercisable in three (3) equal installments on December 3, 2004, December 3, 2005 and December 3, 2006.
- (3) The option is exercisable in four (4) equal installments on December 2, 2004, December 2, 2005 and December 2, 2006 and December 2, 2007.
- (4) The option is exercisable in four (4) equal installments on December 7, 2005 and December 7, 2006 and December 7, 2007 and December 7, 2008.
- (5) Based on a plan statement under Smith International's 401(k) Plan as of 12/31/2008

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.