

SOMANETICS CORP  
 Form 4  
 September 30, 2005

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL  
 OMB Number: 3235-0287  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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 \*  
**VICTOR MARY ANN**

(Last) (First) (Middle)

C/O SOMANETICS CORPORATION, 1653 EAST MAPLE ROAD

(Street)

TROY, MI 48083

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**SOMANETICS CORP [SMTS]**

3. Date of Earliest Transaction (Month/Day/Year)  
 09/30/2005

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
 V.P. Communications and Admin.

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 Ownership (Instr. 4)	
				Code	V	Amount				(A) or (D)
Common Shares	09/30/2005		M			3,000	\$ 4.75	3,000	D	
Common Shares	09/30/2005		M			3,000	\$ 4	6,000	D	
Common Shares	09/30/2005		M			5,000	\$ 4.75	11,000	D	
Common Shares	09/30/2005		M			4,000	\$ 5.875	15,000	D	
Common Shares	09/30/2005		S			1,000	\$ 25.148	14,000	D	

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Common Shares	09/30/2005	S	5,000	D	\$ 25.1	9,000	D	
Common Shares	09/30/2005	S	1,000	D	\$ 2.513	8,000	D	
Common Shares	09/30/2005	S	5,000	D	\$ 25.15	3,000	D	
Common Shares	09/30/2005	S	1,000	D	\$ 25.131	2,000	D	
Common Shares	09/30/2005	S	1,000	D	\$ 25.11	1,000	D	
Common Shares	09/30/2005	S	1,000	D	\$ 25.1175	0	D	
Common Shares						5,100	I	By husband

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)

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. Amount or Number of Shares
Employee stock option (right to buy)	\$ 4.75	09/30/2005		M	3,000	<u>(1)</u> 04/23/2007	Common Shares	3,000
Employee stock option (right to buy)	\$ 4	09/30/2005		M	3,000	<u>(2)</u> 07/22/2007	Common Shares	3,000

Employee stock option (right to buy)	\$ 4.75	09/30/2005	M	5,000	(3)	01/22/2008	Common Shares	5,000
Employee stock option (right to buy)	\$ 5.875	09/30/2005	M	4,000	(4)	04/02/2008	Common Shares	4,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
VICTOR MARY ANN C/O SOMANETICS CORPORATION 1653 EAST MAPLE ROAD TROY, MI 48083			V.P. Communications and Admin.	

## Signatures

Mary Ann  
Victor

09/30/2005

\*\*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) The option vested in one-fourth equal annual installments beginning April 23, 1998.
- (2) The option vested in one-fourth equal annual installments beginning July 22, 1998.
- (3) The option vested in one-third equal annual installments beginning January 22, 1999.
- (4) The option vested in one-third equal annual installments beginning April 2, 1999.

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.