SORENSEN RICHARD R Form 3 June 15, 2006 UNITED STATES SECURITIES AND EXCHANGE COMMISSION OMB APPROVAL FORM 3 Washington, D.C. 20549 OMB

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

3235-0104

Number: January 31, Expires: 2005 Estimated average burden hours per 0.5 response...

(Print or Type Responses)

1. Name and A Person <u>*</u> SORENS		U U	2. Date of Event Requiring Statement (Month/Day/Year)	3. Issuer Name and Ticker or Trading Symbol SOMANETICS CORP [SMTS]					
(Last)	(First)	(Middle)	06/13/2006	4. Relationship of Reporting Person(s) to Issuer			5. If Amendment, Date Original Filed(Month/Day/Year)		
C/O SOMA	_								
CORPORA		53 EAST		(Check	all applicable)	1			
MAPLE RO	AD			_X_ Director	10%	Owner			
(Street) TROY, MI 48083				Officer	Other Other) (specify below)		6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		
IKOY,AM	IA 48083						Form filed by More than One Reporting Person		
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Beneficially Owned						
1.Title of Secur (Instr. 4)	rity		2. Amount o Beneficially (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nata Owner (Instr.	•		
Reminder: Repowned directly			ach class of securities benefic	ially SI	EC 1473 (7-02)			
	inforn requir	nation conta red to respo	pond to the collection of ained in this form are not ond unless the form displ MB control number.	t					
Т	able II - Der	vivative Secu	rities Beneficially Owned (e	.g., puts, calls,	warrants, opt	tions, co	onvertible 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	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	Derivative Security	Security: Direct (D)	

Shares

or Indirect (I) (Instr. 5)

Reporting Owners

Reporting Owner	Relationships					
	Director	10% Owner	Officer	Other		
SORENSEN RICHA C/O SOMANETICS 1653 EAST MAPLE TROY, MI 4808	ÂX	Â	Â	Â		
Signatures						
Richard R. Sorensen	06/15/2006					
<u>**</u> Signature of Reporting Person	Date					
Evelopetion						

Explanation of Responses:

No securities are beneficially owned

* 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).

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.