#### THOMSON MARTIN A

Form 4

September 27, 2005

# FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL

OMB Number: 3235-0287

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5. Relationship of Reporting Person(s) to

Issuer

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Washington, D.C. 20549

Form 5 obligations may continue. *See* Instruction

Check this box

if no longer

subject to

Section 16.

Form 4 or

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

2. Issuer Name and Ticker or Trading

Symbol

1(b).

(Print or Type Responses)

THOMSON MARTIN A

1. Name and Address of Reporting Person \*

			First Federal of Northern Michigan Bancorp, Inc. [FFNM]				(Check all applicable)				
(Last) 100 SOUTH	(First) (I	Middle) NUE	3. Date of Earliest Transaction (Month/Day/Year) 09/26/2005					X Director X Officer (giv below)	10% Owner give title Other (specify below) resident and CEO		
			Amendment, Date Original d(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_Form filed by One Reporting Person				
ALPENA, MI 49707								Form filed by More than One Reporting Person			
(City)	y) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned										
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution any	med on Date, if Day/Year)	3. Transaction Code (Instr. 8)	4. Securit on(A) or Dis (Instr. 3, 4	sposed	of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		
Stock, par value \$0.01 per share	09/26/2005			M	11,155	A	\$ 5.41	15,155	I	By Trust	
Common Stock, par value \$0.01 per share								750	I	Jointly by spouse and daughter	
Common Stock, par value \$0.01 per share								6,716	I	By 401(k)	

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Common

per share

Stock, par value \$0.01 35,213 D

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

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SEC 1474

(9-02)

Stock

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. Transactic Code (Instr. 8)	5. Number of orDerivative 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option	\$ 5.41	09/26/2005		M	11,155	04/17/2001	04/17/2006	Common	11,155

### **Reporting Owners**

Reporting Owner Name / Address	Relationships						
· · · · · · · · · · · · · · · · · · ·	Director	10% Owner	Officer	Other			
THOMSON MARTIN A 100 SOUTH SECOND AVENUE	X		President and CEO				
ALPENA, MI 49707							

### **Signatures**

/s/ Martin A.

(Right to Buy)

Thomson 09/27/2005

\*\*Signature of Pate Reporting Person Date

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### **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).

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.