

MARSHALL & ILSLEY CORP
 Form 4
 September 17, 2010

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

OMB APPROVAL

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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 *
 ONEILL THOMAS J/WI/

2. Issuer Name and Ticker or Trading Symbol
 MARSHALL & ILSLEY CORP
 [MI]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 770 N. WATER ST.
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 09/15/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Senior Vice President

MILWAUKEE, WI 53202

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (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)	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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	09/15/2010		A	(A) Amount 4,003 (1)	\$ 0 168,895	D	
Common Stock	09/15/2010		F	D Amount 1,769	\$ 7.13 167,126	D	
Common Stock					62,197.0074	I	By Deferred Compensation Plan
Common Stock					6,728.7314	I	By Retirement Program

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

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(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. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ONEILL THOMAS J/WI/ 770 N. WATER ST. MILWAUKEE, WI 53202			Senior Vice President	

Signatures

/s/ Jodi W. Rosenthal, as attorney
in fact

09/17/2010

**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) Shares of Marshall & Ilsley Corporation (the "Company") common stock acquired as stock salary by the Reporting Person under the Company's 2010 Equity Incentive Plan. The shares were fully vested at the time of grant, but are subject to transfer restrictions. One third of the stock salary shares will be released from the transfer restrictions on each of September 30, 2011, September 30, 2012 and September, 2013. For more information, please see the Current Report on Form 8-K filed by the Company on December 29, 2009.

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.