Smith Ronald E Form 4 September 17, 2010

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

OMB Number:

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X Form filed by One Reporting Person Form filed by More than One Reporting

Person

January 31, 2005

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if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Smith Ronald E Issuer Symbol MARSHALL & ILSLEY CORP (Check all applicable) [MI] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) 770 N. WATER ST. 09/15/2010 Senior Vice President (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line)

MILWAUKEE, WI 53202

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owner.									
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)	3. 4. Securities Acquired Fransaction(A) or Disposed of Code (D) Instr. 8) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)			
Common Stock	09/15/2010		A	2,892 (1)	A	\$0	127,823	D			
Common Stock	09/15/2010		F	1,269	D	\$ 7.13	126,554	D			
Common Stock							4,000	I	By Children		
Common Stock							18,141.6161	I	By Deferred Compensation Plan		
Common Stock							5,214.6729	I	By Retirement Program		

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

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SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

	1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	isable and	7. Titl	e and	8. Price of	9
	Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Date Amo		Amou	int of	Derivative	J
	Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	,
(I	(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative			Securities		(Instr. 5)]
		Derivative			Securities			(Instr.		(
		Security				Acquired]
						(A) or						J
						Disposed						-
						of (D)						(
						(Instr. 3,						
						4, and 5)						
										A		
										Amount		
							Date Exercisable	Expiration Date	Title	or		
										Number		
					C 1 17	(A) (D)				of		
					Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Smith Ronald E 770 N. WATER ST. MILWAUKEE, WI 53202

Senior Vice President

Signatures

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

09/17/2010 Date

**Signature of Reporting Person

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).

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.

Reporting Owners 2