MUSIAL THOMAS G

Form 5

February 12, 2007

OMB APPROVAL FORM 5 **OMB**

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

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response...

See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940

Form 4 Transactions Reported

(City)

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer MUSIAL THOMAS G Symbol MANITOWOC CO INC [MTW] (Check all applicable) (First) (Middle) 3. Statement for Issuer's Fiscal Year Ended (Last) (Month/Day/Year) Director 10% Owner _X__ Officer (give title Other (specify 12/31/2007 below) below) 2400 SOUTH 44TH STREET Sr. VP Human Resources (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting

Filed(Month/Day/Year)

(check applicable line)

MANITOWOC, WIÂ 54221-0066

(Stata)

(7in)

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

(City)	(State)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							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 (A) or Dispos (Instr. 3, 4 and	sed of ad 5) (A) or	(D)	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	12/31/2006	Â	A	Amount 990.7041 (1)	(D)	Price \$ 0	72,947.3827	D	Â
Common Stock	Â	Â	Â	Â	Â	Â	10,350.84 (2)	I	RSVP 401k Plan

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 2270 (9-02)

3235-0362

January 31,

2005

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Number:

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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	cisable and	7. Title	and	8. Price of	
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	Number	Expiration Da	ate	Amour	nt of	Derivative	
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)	
	Derivative				Securities			(Instr. :	3 and 4)		
	Security				Acquired						
					(A) or						
					Disposed						
					of (D)						
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration		or Number		
						Exercisable	Date		of		
					(A) (D)						
					(A) (D)			i	Shares		

of D

Is

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
MUSIAL THOMAS G 2400 SOUTH 44TH STREET MANITOWOC, WI 54221-0066	Â	Â	Sr. VP Human Resources	Â			

Signatures

Maurice D. Jones, by Power of Attorney 02/12/2007

**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).
- At the end of 2006, Mr. Musial discovered that multiple dividends paid over a period of several years from approximately 1998 through 2006 on stock held in street name had been reinvested by his broker, and the additional shares from those reinvestments had not been reported by him. He also discovered his records did not coincide with the transfer agent's records for a small amount. The total amount of previously unreported shares is 990.7041.
 - Consists of shares held under the Company's 401(k) plan, The Manitowoc Company, Inc. RSVP Profit Sharing Plan, including 23.9295 shares acquired in transactions occurring between 12/31/04 and 12/31/05, which are exempt from Section 16(b) pursuant to Rule 16b-3
- (2) and exempt from reporting pursuant to Rule 16a-3(f)(1)(i)(B). The information in this report is based on a plan statement dated as of 12/31/05. From time to time the plan administrator collects maintenance fees related to the RSVP Plan, which may result in the number of shares held by a participant in the RSVP Plan declining by a marginal amount.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.

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