DEWING MERLIN E

Form 4

January 26, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

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response...

Check this box if no longer subject to Section 16. Form 4 or

Form 5 obligations may continue. See Instruction

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(b).

(Last)

(City)

1.Title of

Security

(Instr. 3)

1. Name and Address of Reporting Person * **DEWING MERLIN E**

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

MTS SYSTEMS CORP [MTSC]

(Middle)

3. Date of Earliest Transaction

X_ Director 10% Owner

14000 TECHNOLOGY DRIVE

(First)

(Street)

(State)

(Month/Day/Year) 01/25/2005

Other (specify Officer (give title below)

6. Individual or Joint/Group Filing(Check

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

Applicable Line)

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

Person

EDEN PRAIRIE, MN 55344

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if (Month/Day/Year)

(Zip)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

(A) or

Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

Common Stock (1)

01/25/2005

2,500 A \$0 5,500 A

D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exercis	sable and	7. Title and	d 8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Date		Amount of	f Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/Yo	ear)	Underlying	g Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	Derivative		Securities	(Instr. 5)	Bene
	Derivative		•		Securities Acquired			(Instr. 3 ar	nd 4)	Owne
	Security								Follo	
	•				(A) or					Repo
					Disposed					Trans
					of (D) (Instr. 3,					(Instr
				4, and 5)						
				Code V	(A) (D)	Data I	7mimatian	Title Am	avet	
				Code V	(A) (D)			Title Am	lount	
						Exercisable I	Date	or	1	
									mber	
								of		
								Sha	res	

Reporting Owners

Relationships Reporting Owner Name / Address 10% Owner Officer Other Director

DEWING MERLIN E 14000 TECHNOLOGY DRIVE X EDEN PRAIRIE, MN 55344

Signatures

Merlin E. Dewing by Barbara J. Carpenter 01/26/2005 **POA**

> **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) Grant of restricted stock in compliance with Rule 16b-3(d)(1)

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.

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