MTS SYSTEMS CORP

Form 4 August 14, 2008

FORM 4

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

OMB Number: 3235-0287

Estimated average

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

OMB APPROVAL

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

burden hours per response... 0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person <u>*</u> DEWING MERLIN E

2. Issuer Name **and** Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

MTS SYSTEMS CORP [MTSC]

(Middle)

(Zip)

(Check all applicable)

(Last)

(City)

(First)

3. Date of Earliest Transaction

(Month/Day/Year)

08/13/2008

_X__ Director _____ 10% Owner ____ Officer (give title _____ Other (specify

below) below)

(Street)

(State)

14000 TECHNOLOGY DRIVE

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

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

6. Individual or Joint/Group Filing(Check

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

EDEN PRAIRIE, MN 55344

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if any (Month/Day/Year)

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

5. Amount of Securities Beneficially Owned Following Reported 6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Indirect (I) Ownership (Instr. 4)

(A) or

Transaction(s)
(Instr. 3 and 4)

Code V Amount (D) Price

Common Stock

08/13/2008

S 2,000 D \$42 7,672

D

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

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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. Conversion	3. Transaction Date (Month/Day/Year)		4.	5.	6. Date Exercisable and Expiration Date		7. Title and Amount of	8. Price of	9. Nu
Derivative Security (Instr. 3)	or Exercise Price of Derivative Security	(Month/Day/Tear)	(Month/Day/Year)	Transacti Code (Instr. 8)	Securities Acquired (A) or	of (Month/Day/Y) Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		Underlying Securities (Instr. 3 and 4)	Derivative Security (Instr. 5)	Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	, ,		Expiration Date	Title Amount or Number of		

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

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

Signatures

Merlin E. Dewing by Janet C. Roemer, POA 08/13/2008

**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).

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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