MTS SYSTEMS CORP

Form 4 May 14, 2007

FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005 Estimated average

0.5

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

response...

burden hours per

1(b).

(Print or Type Responses)

1. Name and Ad EMERY SID	•	_	2. Issuer Name and Ticker or Trading Symbol MTS SYSTEMS CORP [MTSC]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction			
			(Month/Day/Year)	X Director 10% Owner		
14000 TECHNOLOGY DRIVE			05/11/2007	X Officer (give title Other (specify below)		
				Chairman, CEO and President		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
EDEN PRAIRIE, MN 55344				_X_ 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. Transactic Code (Instr. 8)	4. Securities Acquired ion(A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or		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	05/11/2007		M	13,773	A	\$ 10.51	197,378.647	D		
Common Stock	05/11/2007		S	200	D	\$ 43.08	197,178.647	D		
Common Stock	05/11/2007		S	299	D	\$ 43.04	196,879.647	D		
Common Stock	05/11/2007		S	13,274	D	\$ 43	183,605.647	D		
Common Stock	05/14/2007		M	2,500	A	\$ 10.51	186,105.647	D		

Edgar Filing: MTS SYSTEMS CORP - Form 4

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 1474

(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. Transactio Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,		orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,		orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares						
Officer Stock Option - Right to Buy	\$ 10.51	05/11/2007		M		13,773	06/17/2003	06/17/2007	Common Stock	30,685						
Officer Stock Option - Right to Buy	\$ 10.51	05/14/2007		M		2,500	06/17/2003	06/17/2007	Common Stock	16,912						

Reporting Owners

Reporting Owner Name / Address	Relationships						
·r· · · · · · · · · · · · · · · · · · ·	Director	10% Owner	Officer	Other			
EMERY SIDNEY W JR 14000 TECHNOLOGY DRIVE EDEN PRAIRIE, MN 55344	X		Chairman, CEO and President				
Signatures							

Signatures

Sidney W. Emery, Jr., by Barbara J. Carpenter POA 05/14/2007

**Signature of Reporting Person Date

Reporting Owners 2

Edgar Filing: MTS SYSTEMS CORP - Form 4

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) Includes 510.874 shares acquired in April 2007 pursuant to the MTS Dividend Reinvestment Plan.

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.