MTS SYSTEMS CORP Form 4 July 07, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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OMB APPROVAL

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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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

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 STABY KATHLEEN M Issuer Symbol MTS SYSTEMS CORP [MTSC] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify 14000 TECHNOLOGY DRIVE 07/05/2005 below) Vice President (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting EDEN PRAIRIE, MN 55344 Person (City) (State) (Zip)

(City)	(State) (2	Table	I - Non-Do	erivative Sec	curities Ac	quired, Disposed	of, or Beneficia	lly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securitie	es	5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	nAcquired (A	A) or	Securities	Form: Direct	Indirect
(Instr. 3)		any	Code	Disposed of	f (D)	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 a	and 5)	Owned	Indirect (I)	Ownership
						Following	(Instr. 4)	(Instr. 4)
				((A)	Reported		
					(A)	Transaction(s)		
			Code V		or (D) Price	(Instr. 3 and 4)		
C			Code v	Amount ((D) FIICE			
Common						8 487 003 (1)	D	

Stock

8,487.903 (1)

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 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. Transactic Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	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	Amoun or Number of Shares
Employee Stock Option - Right to Buy	\$ 35.15	07/05/2005		A	8,300	07/05/2006(2)	07/05/2010	Common Stock	8,300

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
STABY KATHLEEN M 14000 TECHNOLOGY DRIVE EDEN PRAIRIE, MN 55344			Vice President			

Signatures

Kathleen M. Staby by Barbara J. Carpenter
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) Includes 5.585 shares and 4.6 shares acquired in April 2005 and July 2005, respectively, pursuant to the MTS Dividend Reinvestment Plan
- (2) The option vests in three equal annual installments beginning on this date.

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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