HAMILTON LAURA B

Form 4 June 30, 2011

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

Expires: January 31, 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person HAMILTON LAURA B	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	(Check an approache)		
MTS CORPORATION, 14000 TECHNOLOGY DR.	(Month/Day/Year) 06/29/2011	_X_ Director 10% Owner X Officer (give title Other (specify below) President and CEO		
(Street)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
EDEN PRAIRIE, MN 55344	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State) ((Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securi on(A) or Di (Instr. 3,	ispose 4 and (A) or	d of (D)	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	06/29/2011		M	3,900	A	<u>(1)</u>	54,034 (2)	D	
Common Stock	06/29/2011		F(3)	1,276	D	\$ 41.11	52,758	D	
Common Stock							3,120 (4)	I	Spouse

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

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number.

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. Transactic Code (Instr. 8)	5. Number on f Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exer Expiration D (Month/Day)	ate	7. Title and A Underlying S (Instr. 3 and	Securities	8. Pr Deri Secu (Inst
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Employee Restricted Stock Unit	<u>(5)</u>	06/29/2011		M	3,900	<u>(6)</u>	<u>(6)</u>	Common Stock	3,900	9

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer			

HAMILTON LAURA B
MTS CORPORATION
14000 TECHNOLOGY DR.
X

President and CEO

EDEN PRAIRIE, MN 55344

Signatures

/s/ JC Anderson, Attorney-in-Fact for Laura B. Hamilton

06/30/2011

Date

Other

**Signature of Reporting Person

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) Each vested restricted stock unit was the economic equivalent of one share of the Issuer's common stock. The restricted stock units were settled for shares of the Issuer's common stock.
- (2) Includes 235 shares acquired in October 2010, 260 shares in January 2011, and 168 shares in April 2011, pursuant to the MTS Dividend Reinvestment Plan, and includes 329 shares acquired in December 2010 pursuant to the MTS Employee Stock Purchase Plan.
- (3) The reporting person authorized the Issuer to withhold shares of common stock to satisfy tax obligations arising from the vesting of the restricted stock units described in this Form 4.
- (4) Includes 15 shares acquired in October 2010 and 19 shares acquired in January 2011 pursuant to the MTS Dividend Reinvestment Plan.
- (5) Each restricted stock unit represents a contingent right to receive one (1) share of common stock.
- (6) The restricted stock units vest in three equal installments beginning on June 29, 2010.

Reporting Owners 2

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