MTS SYSTEMS CORP

Form 4

November 18, 2014

FORM 4

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

OMB

Check this box if no longer subject to

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

3235-0287 Number: January 31, Expires:

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OMB APPROVAL

Section 16. Form 4 or Form 5 obligations

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

Estimated average burden hours per response...

may continue. See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * MAHON STEVEN G			2. Issuer Name and Ticker or Trading Symbol MTS SYSTEMS CORP [MTSC]	5. Relationship of Reporting Person(s) to Issuer			
(T. 1)	(Finat)	(M: 141-)		(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
			(Month/Day/Year)	Director 10% Owner			
14000 TECHNOLOGY DR		2	11/15/2014	_X_ Officer (give title Other (specify below)			
				SVP, GC and CCO			
	(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			
EDEN PRAIRIE, MN 55344				Form filed by More than One Reporting Person			

(City)	(State)	^(Zip) Tabl	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)		3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)			
Common Stock	11/15/2014		M	902	A	<u>(1)</u>	4,099.256	D		
Common Stock	11/15/2014		F	304	D	\$ 66.64	3,795.256	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)

Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. 5. Number Transaction of		6. Date Exercisable and Expiration Date		7. Title and Amount of Underlying Securities		8. Price Derivat
Security (Instr. 3)	or Exercise Price of Derivative Security	(Montal Day) Teal)	any (Month/Day/Year)	Code (Instr. 8)	Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)		(Instr. 3 and 4)		Securit (Instr. 5
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Employee Restricted Stock Unit	(2)	11/15/2014		M	902	(3)	(3)	Common Stock	902	\$ 0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MAHON STEVEN G 14000 TECHNOLOGY DR EDEN PRAIRIE, MN 55344

SVP, GC and CCO

Signatures

/s/Catherine Powell, Attorney-in-Fact

**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) Each Restricted Stock Unit was the economic equivalent of one share of the issuer's common stock. The Restricted Stock Units were settled for an equal number of shares of the issuer's common stock.
- (2) Each Restricted Stock Unit represents a contingent right to receive one share of common stock.
- (3) The Restricted Stock Units vested in three equal annual installments beginning November 15, 2012.

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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