Hore David Form 4

Check this box

if no longer

subject to

Section 16.

December 07, 2018 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

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

Washington, D.C. 20549

Form 4 or Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations 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

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Hore David 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 12/05/2018 below) President, Sensors (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

(Zip)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person

EDEN PRAIRIE, MN 55344

(State)

(City)

(,)	()	Table	: 1 - Non-De	erivative Securities	Acquired, Disposed	of, or Beneficial	lly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities	5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	onAcquired (A) or	Securities	Form: Direct	Indirect
(Instr. 3)		any	Code	Disposed of (D)	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)	Owned	Indirect (I)	Ownership
					Following	(Instr. 4)	(Instr. 4)
				(4)	Reported		
				(A)	Transaction(s)		
			Code V	or Amount (D) Prio	(Instr. 3 and 4)		
Common Stock	12/05/2018		A	1,409 A \$0	30,406.9271 (1) (2)	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Dominative Committee Assumed Disposed of an Domesically O

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 out 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	Amount or Number of Shares
Stock Option (right to buy)	\$ 46.25					(3)	04/17/2024	Common Stock	7,139
Stock Option (right to buy)	\$ 52.3					<u>(4)</u>	04/17/2025	Common Stock	5,040
Stock Option (right to buy)	\$ 48.8	12/05/2018		A	5,448	(5)	12/05/2025	Common Stock	5,448

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Hore David						
14000 TECHNOLOGY DRIVE			President, Sensors			
EDEN PRAIRIE MN 55344						

Signatures

/s/ Amanda Lorentz as attorney-in-fact for David T. Hore pursuant to power of attorney previously filed.

12/07/2018

De Sec (In

**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).
- Includes (i) 1,861 restricted stock units that vest on 8/15/19; (ii) 990 restricted stock units that vest as to 495 shares on each of 4/17/19 and 4/17/20; (iii) 2,049 restricted stock units that vest as to 683 shares on each of 2/15/19, 2/15/20 and 2/15/21; (iv) 1,076 restricted stock units that vest as to 359 shares on each of 4/17/19 and 4/17/20 and 358 shares on 4/17/21; and (v) 1,409 restricted stock units that vest as to 470 shares on each of 12/5/19 and 12/5/20 and as to 469 shares on 12/5/21.
- (2) Includes 485.9271 shares acquired through the MTS Systems Corporation dividend reinvestment plan.

Reporting Owners 2

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- (3) Options to purchase 2,380 shares vest on each of 4/17/18 and 4/17/19 and options to purchase 2,379 shares vest on 4/17/20.
- (4) Options to purchase 1,680 shares vest on each of 4/17/19, 4/17/20 and 4/17/21.
- (5) Options to purchase 1,816 shares vest on each of 12/5/19, 12/5/20 and 12/5/21.

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.