

Hore David
Form 4
February 20, 2018

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2015
Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
Hore David

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)
14000 TECHNOLOGY DRIVE
(Street)

3. Date of Earliest Transaction (Month/Day/Year)
02/15/2018

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)

President, MTS Sensors

EDEN PRAIRIE, MN 55344

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 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. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 Ownership (Instr. 4)
			Code	V	Amount (A) or (D) Price		
Common Stock	02/15/2018		A		2,049 (1)	A	\$ 0 23,026 (2) D

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

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SEC 1474 (9-02)

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. Transaction 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)	8. Price of Derivative Security (Instr. 5)
Stock Option (right to buy)	\$ 46.25					(3) 04/17/2024	Common Stock 7,139	

Reporting Owners

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

Signatures

/s/ Amanda Lorentz as attorney-in-fact for David T. Hore pursuant to power of attorney filed herewith. 02/20/2018

__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) Amount shown is the number of restricted stock units that may only be settled on a 1 for 1 basis in shares of common stock. Includes (i) 3,722 restricted stock units that vest 1,861 shares on 8/15/18 and 1,861 shares on 8/15/19; (ii) 1,486 restricted stock units that vest 496 shares on 4/17/18 and 495 shares on each of 4/17/19 and 4/17/20 (both (i) and (ii) previously reported on Table II); and (iii) 2,049 restricted stock units that vest 683 shares on each of 2/15/19, 2/15/20 and 2/15/21.
- (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.

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.