

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>Hore David</u>			2. Issuer Name and Ticker or Trading Symbol <u>MTS SYSTEMS CORP [MTSC]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>EVP & Pres. Sensors</u>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>02/15/2020</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
<u>14000 TECHNOLOGY DRIVE</u>			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) <u>EDEN PRAIRIE MN 55344</u>								
(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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/15/2020		F		269 ⁽¹⁾	D	\$44.95	44,220.636 ⁽²⁾⁽³⁾	D	

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. 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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					
Stock Option (right to buy)	\$46.25							(4)	04/17/2024	Common Stock	7,139	7,139	D	
Stock Option (right to buy)	\$52.3							(5)	04/17/2025	Common Stock	5,040	5,040	D	
Stock Option (right to buy)	\$48.8							(6)	12/05/2025	Common Stock	5,448	5,448	D	
Stock Option (right to buy)	\$46.545							(7)	12/04/2026	Common Stock	11,302	11,302	D	

Explanation of Responses:

- Represents shares withheld for payment of tax liability.
- Includes (i) 495 restricted stock units that vest on 4/17/20; (ii) 683 restricted stock units that vest on 2/15/21; (iii) 717 restricted stock units that vest as to 359 shares on 4/17/20 and as to 358 shares on 4/17/21; (iv) 939 restricted stock units that vest as to 470 shares on 12/5/20 and as to 469 shares on 12/5/21; and (v) 2,686 restricted stock units that vest as to 896 shares on 12/4/20 and as to 895 shares on each of 12/4/21 and 12/4/22.
- Includes 165,2856 shares acquired through the MTS Systems Corporation dividend reinvestment plan.
- Options to purchase 2,379 shares vest on 4/17/20.
- Options to purchase 1,680 shares vest on 4/17/20 and 4/17/21.
- Options to purchase 1,816 shares vest on each of 12/5/20 and 12/5/21.
- Options to purchase 3,768 shares vest on 12/4/20 and options to purchase 3,767 shares vest on each of 12/4/21 and 12/4/22.

Remarks:

/s/ Amanda Lorentz as
attorney-in-fact for David T. Hore pursuant to power of
attorney previously filed. 02/18/2020

** Signature of Reporting Person Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

