

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

Check this box to indicate that a
transaction was made pursuant to a
contract, instruction or written plan for
the purchase or sale of equity
securities of the issuer that is intended
to satisfy the affirmative defense
conditions of Rule 10b5-1(c). See
Instruction 10.

1. Name and Address of Reporting Person* <u>Ballhaus William L</u>			2. Issuer Name and Ticker or Trading Symbol <u>MERCURY SYSTEMS INC [MRCY]</u> Foreign Trading Symbol			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) ☒ Director 10% Owner ☒ Officer (give title below) Other (specify below) <u>Chairman, President & CEO</u>		
(Last) (First) (Middle) <u>50 MINUTEMAN ROAD</u>			3. Date of Earliest Transaction (Month/Day/Year) <u>08/21/2026</u>			6. Individual or Joint/Group Filing (Check Applicable Line) ☒ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(Street) <u>ANDOVER MA 01810</u>			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(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	08/21/2026		M		92,850 ⁽¹⁾	A	\$42	321,047.325	D	
Common Stock	08/21/2026		S		64,796 ⁽²⁾	D	\$92.404 ⁽³⁾	256,251.325	D	
Common Stock	08/21/2026		S		204 ⁽²⁾	D	\$93.508 ⁽⁴⁾	256,047.325	D	
Common Stock	08/24/2026		M		140,650 ⁽¹⁾	A	\$42	396,697.325	D	
Common Stock	08/24/2026		M		11,348 ⁽¹⁾	A	\$43	408,045.325	D	
Common Stock	08/24/2026		S		105,471 ⁽²⁾	D	\$89.473 ⁽⁵⁾	302,574.325	D	
Common Stock	08/24/2026		S		2,738 ⁽²⁾	D	\$90.6 ⁽⁶⁾	299,836.325	D	
Common Stock								1,403	I	401K Plan
Common Stock								7,066.173	I	By Milestone Road Holdings, LLC

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		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Employee Stock Option (Right to Buy)	\$42	08/21/2026		M		92,850 ⁽¹⁾	08/17/2026	08/17/2027	Common Stock	92,850	\$0	140,650	D	
Employee Stock Option (Right to Buy)	\$42	08/24/2026		M		140,650 ⁽¹⁾	08/17/2026	08/17/2027	Common Stock	140,650	\$0	0	D	
Employee Stock Option (Right to Buy)	\$43	08/24/2026		M		11,348 ⁽¹⁾	08/17/2026	08/17/2027	Common Stock	11,348	\$0	222,152	D	

Explanation of Responses:

1. Represents the exercise of a stock option award scheduled to expire on August 17, 2027.
2. Represents the sale of shares intended solely to cover the exercise price, applicable withholding taxes and related transaction costs of stock options exercised on the same date.
3. This transaction was executed in multiple trades at prices ranging from \$92.300 to \$92.910. The price reported above reflects the weighted average purchase price. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.
4. This transaction was executed in multiple trades at prices ranging from \$93.505 to \$93.680. The price reported above reflects the weighted average purchase price. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.

6. This transaction was executed in multiple trades at prices ranging from \$90.250 to \$90.735. The price reported above reflects the weighted average purchase price. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.

** Signature of Reporting Person Date

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.