FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

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

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

| 1. Name and Address of Reporting Person* Ruppert Michael | | | | | | 2. Issuer Name and Ticker or Trading Symbol MERCURY SYSTEMS INC [MRCY] | | | | | | | | | (Check | tionship of Reportin all applicable) Director Officer (give title | | g Person(s) to Iss 10% Ow Other (s | | wner |
|--|--|--|--|---|--|---|--|--------------------------------------|---|-----|--|---|--|--------|---------------------------------------|--|--|--|--|---|
| (Last) 50 MINU | (First) (Middle) UTEMAN ROAD | | | | 3. Date of Earliest Transaction (Month/Day/Year) 02/16/2023 | | | | | | | | | X | below) EVP, CFO ar | | ınd T | below) | | |
| (Street) ANDOV (City) | VER MA 01810 (State) (Zip) | | | | 4. If | Line) X Form | | | | | | | | | | | r Joint/Group Filing (Check Applicable in filed by One Reporting Person in filed by More than One Reporting on | | | |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | | |
| Dat | | | | 2. Transaction Date (Month/Day/Ye | ar) E | 2A. Deemed Execution Date, if any (Month/Day/Yea | | 7 | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4 | | | | nd 5) Securi Benefi | | icially d Following | Fori (D) | m: Direct or irect (I) | 7. Nature of Indirect Beneficial Ownership |
| | | | | | | | | G | Code | · v | Aı | mount | (A) or (D) | Price | | Transa | saction(s) r. 3 and 4) | | tr. 4) | (Instr. 4) |
| Common Stock 02/10 | | | | | 3 | | | | S | | | 1,429(1) | D | \$54.3 | 667(2) | 203,892 | | | D | |
| Common Stock | | | | 02/17/2023 | | | | | S | | 1,339(1) | | D | \$53.8 | 895(2) | 202,553 | | | D | |
| Common Stock | | | | | | | | | | | | | | | | | 161 | | | 401K Plan |
| 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) | ve Conversion Date Execution Date, or Exercise (Month/Day/Year) if any | | | | saction le (Instr. Derivative Acquirer (A) or Dispose of (D) (Instr. 3, and 5) | | | Expiration (Month/Dayed) d 4 Date | | | | Amo Secu Unde Deriv Secu 3 and | 7. Title and Amount of Securities Underlying Derivative Security (Inst 3 and 4) Amount or Numbe of Title Shares | | rice of ivative urity tr. 5) | 9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | , | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |

Explanation of Responses:

- 1. Represents shares sold as part of a sell-to-cover program to satisfy tax withholding obligations upon the vesting of stock awards.
- 2. Represents the per share price attributed to sales of shares on behalf of all participants under the sell-to-cover program on the transaction date indicated.

/s/ Michelle McCarthy, attorney in fact for Michael

02/21/2023

Ruppert

** 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.