FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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

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

## 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

| 1. Name and Address of Reporting Person *  DAIGLE ROBERT C |         |          | 2. Issuer Name and Ticker or Trading Symbol AMTECH SYSTEMS INC [ ASYS ]   | Relationship of Reporting Person(s) to Issuer (Check all applicable)     X Director 10% Owner  |                            |                       |  |  |  |
|--|---------|----------|---|--|----------------------------|-----------------------|--|--|--|
| (Last)   | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 05/12/2023   | A  | Officer (give title below) | Other (specify below) |  |  |  |
| C/O AMTECH SYSTEMS, INC.  131 S. CLARK DRIVE  (Street)     |         |          | 4. If Amendment, Date of Original Filed (Month/Day/Year)  | Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting Person |                            |                       |  |  |  |
| TEMPE AZ 85288   |         |          | Rule 10b5-1(c) Transaction Indication   |  |                            |                       |  |  |  |
| (City)   | (State) | (Zip)    | Check this box to indicate that a transaction was made pursuant to a contra affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. | act, instruction or written plan that is intended to satisfy the   |                            |                       |  |  |  |

## Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3)                    | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | Transaction Code (Instr. |   | , |   |        | 5. Amount of<br>Securities<br>Beneficially Owned<br>Following Reported | 6. Ownership<br>Form: Direct (D)<br>or Indirect (I)<br>(Instr. 4) | Beneficial<br>Ownership |  |
|--|--|---|--------------------------|---|---|---|--------|--|---|-------------------------|--|
|  |  |   | Code                     | v | Amount (A) or (D) Price                 |   | Price  | Transaction(s)<br>(Instr. 3 and 4)                                     |   | (Instr. 4)              |  |
| Amtech Systems, Inc. \$0.01 par value common stock | 05/12/2023                                 |   | P                        |   | 3,000                                   | A | \$8.75 | 3,000  | D   |                         |  |

## Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| - 1 | 1. Title of         | 2.          | 3. Transaction   | 3A. Deemed       |              |    |               |          |                  |            | 7. Title and Amount of |   |            |                | 10.            | 11. Nature  | ı |
|-----|---------------------|-------------|------------------|------------------|--------------|----|---------------|----------|------------------|------------|------------------------|---|------------|----------------|----------------|-------------|---|
| - 1 | Derivative          | Conversion  | Date             | Execution Date,  | Transaction  |    | Derivative    |          | Expiration Date  |            | Securities Underlying  |   | Derivative | derivative     | Ownership      | of Indirect | L |
| - 1 | Security (Instr. 3) | or Exercise | (Month/Day/Year) | if any           | Code (Instr. |    | r. Securities |          | (Month/Day/Year) |            | Derivative Security    |   | Security   | Securities     | Form:          | Beneficial  | L |
| - 1 |                     | Price of    |                  | (Month/Day/Year) | 8)           |    | Acquire       | ed (A)   |                  |            | (Instr. 3 and          | 4)                                      | (Instr. 5) | Beneficially   | Direct (D)     | Ownership   | L |
| - 1 |                     | Derivative  |                  | `                | <i>'</i>     |    | or Disp       | osed of  |                  |            | Ι`                     | •                                       | ` ′        | Owned          | or Indirect    | (Instr. 4)  | L |
| - 1 |                     | Security    |                  |                  |              |    | (D) (Ins      | tr. 3. 4 |                  |            |                        |   |            | Following      | (I) (Instr. 4) | [` ' '      | L |
| - 1 |                     |             |                  |                  | 1            |    | and 5)        |          |                  |            | Reported               | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |            | L              |                |             |   |
| - 1 |                     |             |                  |                  |              |    | uu 0,         |          |                  |            |                        |   | l          | Transaction(s) |                |             | L |
| - 1 |                     |             |                  |                  |              | l  |               |          |                  |            |                        | Amount                                  |            | (Instr. 4)     |                |             | L |
| - 1 |                     |             |                  |                  |              | l  |               |          |                  |            |                        | or                                      |            | (111501.4)     |                |             | 1 |
| - 1 |                     |             |                  |                  |              | l  |               |          | Date             | Expiration |                        | Number                                  |            |                |                |             | L |
| - 1 |                     |             |                  |                  | Code         | l۷ | (A)           | (D)      | Exercisable      | Date       | Title                  | of Shares                               |            |                |                |             | L |
| L   |                     |             |                  |                  | Code         |    | (~)           | (6)      | LACICISADIC      | Date       | ''''                   | oi Silales                              |            |                |                |             | 1 |

**Explanation of Responses:** 

Remarks:

/s/ Lisa D. Gibbs on behalf of Robert C. Daigle by Power of Attorney

05/16/2023

\*\* Signature of Reporting Person

Date

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

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.

<sup>\*</sup> If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

<sup>\*\*</sup> Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).