

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

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>DAIGLE ROBERT C</u> (Last) (First) (Middle) <u>C/O AMTECH SYSTEMS, INC.</u> <u>131 S. CLARK DRIVE</u> (Street) <u>TEMPE</u> <u>AZ</u> <u>85288</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>AMTECH SYSTEMS INC [ASYS]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chief Executive Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>08/14/2023</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

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			
Amtech Systems, Inc. \$0.01 par value common stock	08/15/2023	08/15/2023	P		233	A	\$8.75	19,703	D	
Amtech Systems, Inc. \$0.01 par value common stock	08/16/2023	08/16/2023	P		1,000	A	\$8.76	20,703	D	
Amtech Systems, Inc. \$0.01 par value common stock	08/16/2023	08/16/2023	P		1,200	A	\$8.75	21,903	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					
Amtech Systems, Inc. Employee Stock Option	\$9	08/14/2023		A		150,000		08/14/2023 ⁽¹⁾	08/14/2033	Amtech Systems, Inc. \$0.01 par value common stock	(2)	150,000	D	
Restricted Stock Units	(3)	08/14/2023		A		55,556 ⁽⁴⁾		08/14/2024 ⁽⁵⁾	(5)	Amtech Systems, Inc. \$0.01 par value common stock	\$0.00	55,556	D	

Explanation of Responses:

- The Option Grant will vest ratably on each of the annual anniversaries over the three-year term of Mr. Daigle's employment agreement, subject to Mr. Daigle's continued service with the Company; provided, however, that 50,000 shares of such Option Grant will vest immediately.
- Price omitted because the transaction is a grant of a stock option.
- Each restricted stock unit represents a contingent right to receive one share of Common Stock of Amtech Systems, Inc.
- The number of RSUs granted equals the aggregate fair market value of \$500,000 as of the grant date in accordance with the terms of Mr. Daigle's employment agreement.
- The grant will vest in full on the one-year anniversary of the grant date, subject to Mr. Daigle's continued service with the Company.

Remarks:

/s/ Robert C. Daigle 08/16/2023
 ** 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.