

Under the Securities Exchange Act of 1934

(Amendment No. 5) *
Amtech Systems Inc
(Name of Issuer)
Common Stock
(Title of Class of Securities)
032332504
(CUSIP Number)
December 31, 2023
(Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

☒ Rule 13d-1(b)

☐ Rule 13d-1(c)

☐ Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment contain

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to

SCHEDULE 13G
CUSIP No.
032332504

1
Names of Reporting Persons

Pacific Ridge Capital Partners, LLC

2
Check the appropriate box if a member of a Group (see instructions)

(a) ☐
(b) ☐

3
Sec Use Only

4
Citizenship or Place of Organization

United States
Number of Shares Beneficially Owned by Each Reporting Person With:

5
Sole Voting Power

492,146

6
Shared Voting Power

0

7
Sole Dispositive Power

754,376

8
Shared Dispositive Power

0

9
Aggregate Amount Beneficially Owned by Each Reporting Person

754,376

10
Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

☐
11
Percent of class represented by amount in row (9)

5.32%
12
Type of Reporting Person (See Instructions)

1A

Item 1.
(a) Name of Issuer: Amtech Systems Inc
(b) Address of Issuer's Principal Executive Offices:
131 South Clark Drive, Tempe, AZ 85281

Item 2.
(a) Name of Person Filing:
Pacific Ridge Capital Partners, LLC
(b) Address of Principal Business Office or, if None, Residence:
4900 Meadows Rd, Suite 320, Lake Oswego, OR 97035
(c) Citizenship:
Nevada Corporation
(d) Title and Class of Securities:
Common Stock
(e) CUSIP No.: 032332504

Item 3. If this statement is filed pursuant to 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:
(a) ☐ Broker or dealer registered under Section 15 of the Act;
(b) ☐ Bank as defined in Section 3(a)(6) of the Act;
(c) ☐ Insurance company as defined in Section 3(a)(19) of the Act;
(d) ☐ Investment company registered under Section 8 of the Investment Company Act of 1940;
(e) ☒ An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
(f) ☐ An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
(g) ☐ A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);
(h) ☐ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);

(i) ☐ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940;
(j) ☐ A non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J);
(k) ☐ Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J), please specify the type of institution: _____

Item 4. Ownership
(a) Amount Beneficially Owned: 754,376
(b) Percent of Class: 5.32%
(c) Number of shares as to which such person has:
(i) Sole power to vote or to direct the vote:
492,146
(ii) Shared power to vote or to direct the vote:
0
(iii) Sole power to dispose or to direct the disposition of:
754,376
(iv) Shared power to dispose or to direct the disposition of:
0

Item 5. Ownership of Five Percent or Less of a Class.
If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, che
Item 6. Ownership of more than Five Percent on Behalf of Another Person.

None
Item 7. Identification and classification of the subsidiary which acquired the security being reported on by the parent holding company or control person.
N/A
Item 8. Identification and classification of members of the group.
N/A
Item 9. Notice of Dissolution of Group.
N/A

Item 10. Certifications.
SIGNATURE
After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.
Dated: February 12, 2024
Pacific Ridge Capital Partners
By: /s/ Peter Trumbo
Name: Peter Trumbo
Title: Chief Compliance Officer
The original statement shall be signed by each person on whose behalf the statement is filed or his authorized representative. If the statement is signed on behalf of a person by his authorized
Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001).