

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL	
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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 OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person * Averick Robert M		2. Issuer Name and Ticker or Trading Symbol AMTECH SYSTEMS INC [ASYS]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) ____ Director <input checked="" type="checkbox"/> 10% Owner ____ Officer (give title below) ____ Other (specify below)	
(Last) (First) (Middle) C/O KOKINO LLC, 201 TRESSER BOULEVARD		3. Date of Earliest Transaction (Month/Day/Year) 10/06/2014			
(Street) STAMFORD, CT 06901		4. If Amendment, Date Original Filed(Month/Day/Year)		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person ____ Form filed by More than One Reporting Person	
(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)			
Common Stock	10/06/2014		P		15,000	A	\$ 10,3497 (1)	125,000	D (2) (3)

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

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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 Underlying Securities (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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
						Date Exercisable	Expiration Date					
				Code	V	(A)	(D)					

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Averick Robert M C/O KOKINO LLC 201 TRESSER BOULEVARD STAMFORD, CT 06901		X		

Signatures

/s/ Robert Averick		10/07/2014
<small>**Signature of Reporting Person</small>		Date

Explanation of Responses:

* 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).

The price reported in Column 4 is a weighted average price. These shares were purchased in multiple transactions at prices ranging from \$10.32 to \$10.35, inclusive. The (1) reporting person undertakes to provide to Amtech Systems, Inc., any security holder of Amtech Systems, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares purchased at each separate price within the ranges set forth in this footnote (1) to this Form 4.

Robert Averick also reports beneficial ownership pursuant to Rule 13d of the Securities and Exchange Act of 1934, as amended, pursuant to a Schedule 13G filed jointly by (2) Leslie J. Schreyer, as Trustee under Trust Agreement dated December 23, 1989 FBO the issue of Jonathan D. Sackler (the "Trust"), M3C Holdings LLC ("M3C") and Robert Averick, with the Issuer on March 27, 2013, as amended by a Schedule 13G Amendment No. 1 filed with Issuer on January 3, 2014.

Represents shares held by Robert Averick jointly with his wife, Mickel Averick, for which Robert and Mickel share voting and dispositive power. Robert Averick is (3) employed by Kokino LLC, which is a family office and provides non-discretionary investment advice to family clients, including the Trust and M3C with respect to the shares of the Issuer beneficially owned by the Trust and M3C. Neither Robert Averick nor Kokino LLC has voting or dispositive control with respect to the shares of the Issuer beneficially owned by the Trust or M3C.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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