Giese Alfred Form 4 December 02, 2010

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

may continue. See Instruction

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * Giese Alfred

> (First) (Middle)

C/O AMTECH SYSTEMS, INC., 131 SOUTH CLARK DR.

(Street)

2. Issuer Name and Ticker or Trading Symbol

AMTECH SYSTEMS INC [asys]

3. Date of Earliest Transaction (Month/Day/Year) 12/01/2010

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

_X__ Director 10% Owner _ Other (specify Officer (give title below)

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person ___ Form filed by More than One Reporting

TEMPE, AZ 85281

1 Livii L, AZ 03201						Person			
(City)	(State)	(Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Amtech Systems, Inc. \$.01 par value common stock	12/01/2010		Code V	Amount 2,500	(D)	Price \$ 11.05	(Instr. 3 and 4) 3,500	D	
Amtech Systems, Inc. \$.01 par value common stock	12/01/2010		S	2,500	D	\$ 21.07	1,000	D	

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

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SEC 1474

(9-02)

 $\label{thm:convertible} \textbf{Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned} \\ \textit{(e.g., puts, calls, warrants, options, convertible securities)}$

1. Title Derivat (Instr. 3	tive Security	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transactic 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 a of Underlyin Securities (Instr. 3 and
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title
Non-H	ms, Inc. Employee tor Stock	\$ 11.05	12/01/2010	M	2,500	03/14/2010(3)	03/14/2018(4)	Amtech Systems, Inc. \$.01 par value common stock

Reporting Owners

Reporting Owner Name / Address	Kelationships						
	Director	10% Owner	Officer	Other			
Giese Alfred							
C/O AMTECH SYSTEMS, INC.	X						
131 SOUTH CLARK DR.	Λ						
TEMPE, AZ 85281							

Signatures

Robert T. Hass on behalf of Alfred Giese by Power of
Attorney

**Signature of Reporting Person

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).
- (1) Price omitted because the transaction is a grant of a stock option.

(2)

Reporting Owners 2

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This is the number of derivative securities, with the same terms and conditions, following the reported transaction. Total of all derivative securities, with different terms and conditions, held following the reported transaction is 15,833.

- (3) One-third of the stock option granted vest on each of the first three anniversaries of the March 14, 2008.
 - Any unexercised stock options expire 90 days after membership on the Board of Directors terminates, except that the expiration is one
- (4) year from the date of termination if such termination is the result of death, or such other expiration date as the Board of Directors sets in its discretion at the time of termination.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.