Bintz William J Form 4 July 19, 2011

FORM 4

OMB APPROVAL

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

OMB 3235-0287

Check this box if no longer subject to Section 16. Form 4 or

Number: January 31, Expires: 2005

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

Estimated average burden hours per response... 0.5

Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Bintz William J Issuer Symbol

AXCELIS TECHNOLOGIES INC (Check all applicable)

[ACLS]

(Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) below)

108 CHERRY HILL DRIVE 07/15/2011 EVP, Prod. Dev., Eng. & Mktg

(Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check

> Filed(Month/Day/Year) Applicable Line)

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

BEVERLY, MA 01915

(State)

(Zip)

(City)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of

Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Instr. 3, 4 and 5) Indirect (I) Ownership (Month/Day/Year) (Instr. 8) Owned Following (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

\$ Common D 07/16/2011 F 793 1.6 $45,109 \frac{(3)}{}$ D (1) Stock

(2)

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)

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1. Title of	2.	3. Transaction Date	3A. Deemed	4. 5. Number of 6. I		6. Date Exercisable and		7. Title and Amount	
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionDerivative		Expiration Date		Underlying Securitie	
Security	or Exercise		any	Code	Securities (Month/Day/Year)		.)	(Instr. 3 and 4)	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquired (A) or				
	Derivative				Disposed of (D)				
	Security				(Instr. 3, 4, and				
					5)				
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amour Numb Shares
Stock option (right to	\$ 1.6	07/15/2011		A(4)	150,000	07/15/2015(5)	07/15/2021	Common Stock	150,0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Bintz William J 108 CHERRY HILL DRIVE BEVERLY, MA 01915

EVP, Prod. Dev., Eng. & Mktg

Signatures

buy)

Lynnette C. Fallon, as attorney in fact for William Bintz

07/19/2011

**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) Shares withheld by the Company equal to tax liability of the executive officer incident to the vesting of restricted stock units issued in accordance with Rule 16b-3.
- (2) Represents the closing price of the common stock on July 18, 2011 (the first trading day after the vesting date).
 - Of the shares held as of July 16, 2011, 11,955 were issuable on vesting of restricted stock units granted the executive under the 2000
- (3) Stock Plan and are subject to forfeiture. A portion of these shares will be withheld by the Company on vesting to satisfy tax withholding requirements.
- (4) Granted pursuant to the Axcelis Technologies, Inc. 2000 Stock Plan.
- (5) To become exercisable as to 25% of the shares on each of 7/15/2012, 7/15/2013, 7/15/2014 and 7/15/2015.

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.

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