AXCELIS TECHNOLOGIES INC

Form 4 July 16, 2013

FORM 4

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

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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *

PUMA MARY G

(Last)

(City)

1. Title of

Security

(Instr. 3)

(First) (Middle)

C/O AXCELIS TECHNOLOGIES.

INC., 108 CHERRY HILL DRIVE

(Street)

(State)

BEVERLY, MA 01915

2. Transaction Date 2A. Deemed

(Zip)

2. Issuer Name and Ticker or Trading

Symbol

AXCELIS TECHNOLOGIES INC [ACLS]

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

07/15/2013

4. If Amendment, Date Original

Filed(Month/Day/Year)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 3. 4. Securities (Month/Day/Year) Execution Date, if TransactionAcquired (A) or

> Code Disposed of (D) (Month/Day/Year) (Instr. 8)

(Instr. 3, 4 and 5)

Reported (A) Transaction(s) or

(Instr. 3 and 4) Code V Amount (D) Price

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

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 control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Conversion 3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if

5. Number of TransactionDerivative

6. Date Exercisable and **Expiration Date**

7. Title and Amount Underlying Securities

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

(Check all applicable)

Chairman, President and CEO

6. Ownership

Form: Direct

(Instr. 4)

6. Individual or Joint/Group Filing(Check

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

10% Owner

Other (specify

7. Nature of

Ownership (Instr. 4)

Indirect

SEC 1474

(9-02)

(D) or Indirect Beneficial

Issuer

below)

_X__ Director

Applicable Line)

5. Amount of

Securities

Following

Owned

Beneficially

X_ Officer (give title

Estimated average

burden hours per

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(Instr. 3)	Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		(Month/Day/Year)		(Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amour Numb Shares
Stock option (right to	\$ 1.99	07/15/2013		A(1)	250,000		07/15/2017(2)	07/15/2020	Common Stock	250,0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

PUMA MARY G C/O AXCELIS TECHNOLOGIES, INC. 108 CHERRY HILL DRIVE BEVERLY, MA 01915

X Chairman, President and CEO

Signatures

buy)

Lynnette C. Fallon, as attorney in fact for Mary G.

Puma 07/16/2013

**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) Granted pursuant to the Axcelis Technologies, Inc. 2012 Equity Incentive Plan.
 - These options will vest as to 25% of the shares on each of July 15, 2014, July 15, 2015, July 15, 2016 and July 15, 2017, if the officer remains in the service of the Company on such vesting date, provided that such exercisability shall accelerate (A) so that 50% of such
- (2) shares are exercisable beginning on the date that the Common Stock has had a closing price of \$2.50 or more for 20 consecutive trading days and (B) so that 100% of such shares are exercisable beginning on the date that the Common Stock has had a closing price of \$3.00 or more for 20 consecutive trading days.

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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