ALDEBORGH JOHN E

Form 3

February 13, 2013

FORM 3

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

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, response...
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 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement AXCELIS TECHNOLOGIES INC [ACLS] **ALDEBORGH JOHN E** (Month/Day/Year) 02/13/2013 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) 108 CHERRY HILL DRIVE (Check all applicable) (Street) 6. Individual or Joint/Group Filing(Check Applicable Line) 10% Owner Director _X_ Form filed by One Reporting _X__ Officer Other Person BEVERLY, MAÂ 01915 (give title below) (specify below) Form filed by More than One **EVP**, Customer Operations Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 2. Amount of Securities 4. Nature of Indirect Beneficial 1. Title of Security Beneficially Owned Ownership (Instr. 4) Ownership (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 5) 0 D Â Common Stock Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) 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 Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	Securities U	3. Title and Amount of Securities Underlying Derivative Security		5. Ownership Form of	6. Nature of Indirect Beneficial Ownership
		(Instr. 4)	(Instr. 4)		Derivative	(Instr. 5)
	Date Exercisable Expiration Date	Title	Amount or Number of	Derivative	Security:	
		Title		Security	Direct (D)	
					or Indirect	

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Stock option (right to buy)

O1/15/2017(1) 01/15/2020 Common Stock

Shares

(I) (Instr. 5)

Common Stock

200,000 \$ 1.27 D Â

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Officer Other

ALDEBORGH JOHN E

108 CHERRY HILL DRIVE Â Â ÊVP, Customer Operations Â

BEVERLY, MAÂ 01915

Signatures

Lynnette C. Fallon, as attorney in fact for John E.
Aldeborgh

02/13/2013

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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) To become exercisable as to 25% of the shares granted on each of 1/15/2014, 1/15/2015, 1/15/2016 and 1/15/2017.

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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