Grossman Paul David Form 4 November 25, 2008

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

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

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Grossman Paul David

Symbol

(Zip)

5. Relationship of Reporting Person(s) to Issuer

Life Technologies Corp [LIFE]

2. Issuer Name and Ticker or Trading

(First) (Middle) (Last)

(Street)

(State)

3. Date of Earliest Transaction

Director 10% Owner X_ Officer (give title Other (specify

(Check all applicable)

(Month/Day/Year) 11/21/2008

below) SVP, Corporate Strategy & Dev.

5791 VAN ALLEN WAY

4. If Amendment, Date Original

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

Filed(Month/Day/Year)

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

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

CARLSBAD, CA 92008

(City)

(Instr. 3)

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year)

3. 4. Securities Execution Date, if TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Month/Day/Year) (Instr. 8)

5. Amount of 6. Ownership Securities Form: Direct Beneficially Owned (I) Following

Indirect (D) or Indirect Beneficial Ownership (Instr. 4) (Instr. 4)

7. Nature of

(A)

Reported Transaction(s) (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.

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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 3. Transaction Date 3A. Deemed 4. 5. Number of 6. Date Exercisable and 7. Title and Amo Derivative Conversion (Month/Day/Year) Execution Date, if TransactionDerivative **Expiration Date** Underlying Secu Security or Exercise Code Securities (Month/Day/Year) (Instr. 3 and 4) any

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Acquired or Dispose (D) (Instr. 3, 4 and 5)	ed of				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	An or Nu of S
Non-Qualified Stock Options (1)	\$ 22.23	11/21/2008	11/21/2008	A	V	74,224		11/21/2012	11/21/2018	Common Stock	74
Restricted Stock units (2)	\$ 0	11/21/2008	11/21/2008	A	V	24,741		11/21/2011	11/21/2018	Common	24

Reporting Owners

Reporting Owner Name / Address	Relationships
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Director 10% Owner Officer Other

Grossman Paul David 5791 VAN ALLEN WAY CARLSBAD, CA 92008

SVP, Corporate Strategy & Dev.

Signatures

/s/ Joseph W. Secondine, Jr. POA

**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) NQSO grant # F080755.
- (2) RSU grant # F080756.

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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