Miller John L Form 4 December 16, 2009

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.

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 See Instruction

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * Miller John L

> (First) (Middle)

5791 VAN ALLEN WAY

(Street)

2. Issuer Name and Ticker or Trading Symbol

Life Technologies Corp [LIFE]

(Month/Day/Year) 12/15/2009

4. If Amendment, Date Original Filed(Month/Day/Year)

3. Date of Earliest Transaction

OMB APPROVAL

OMB Number:

3235-0287

January 31, Expires:

Estimated average burden hours per

response...

0.5

2005

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

President, Genetic Systems

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

CARLSBAD, CA 92008

(City)	(State)	(Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed o	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. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock (1)	12/15/2009	12/15/2009	S	900	D	\$ 51.66	5,864	D	
Common Stock (1)	12/15/2009	12/15/2009	S	800	D	\$ 51.67	5,064	D	
Common Stock (1)	12/15/2009	12/15/2009	S	1,111	D	\$ 51.68	3,953	D	
Common Stock (1)	12/15/2009	12/15/2009	S	600	D	\$ 51.69	3,353	D	
Common Stock (1)	12/15/2009	12/15/2009	S	600	D	\$ 51.7	2,753	D	

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Common Stock (1)	12/15/2009	12/15/2009	S	200	D	\$ 51.71	2,553	D
Common Stock (1)	12/15/2009	12/15/2009	S	100	D	\$ 51.72	2,453	D
Common Stock (1)	12/15/2009	12/15/2009	S	500	D	\$ 51.73	1,953	D
Common Stock (1)	12/15/2009	12/15/2009	S	400	D	\$ 51.74	1,553	D
Common Stock (1)	12/15/2009	12/15/2009	S	200	D	\$ 51.75	1,353	D
Common Stock (1)	12/15/2009	12/15/2009	S	100	D	\$ 51.76	1,253	D
Common Stock (1)	12/15/2009	12/15/2009	S	200	D	\$ 51.77	1,053	D
Common Stock (1)	12/15/2009	12/15/2009	S	100	D	\$ 51.78	953	D

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.

SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Da	ate	Amou	int of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)]
	Derivative				Securities			(Instr.	3 and 4)		(
Security					Acquired]
					(A) or						J
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration		or		
							Date	Title	Number		
									of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Reporting Owners 2

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Miller John L 5791 VAN ALLEN WAY CARLSBAD, CA 92008

President, Genetic Systems

Signatures

/s/ David Szekeres, POA

**Signature of Reporting Date
Person

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) Sale of common stock pursuant to a 10b5-1 Plan.

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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