

LONGFIELD WILLIAM H  
Form 4  
April 30, 2012

**FORM 4**

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

OMB APPROVAL

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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 \*  
LONGFIELD WILLIAM H

2. Issuer Name and Ticker or Trading Symbol  
Life Technologies Corp [LIFE]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
5791 VAN ALLEN WAY  
(Street)

3. Date of Earliest Transaction  
(Month/Day/Year)  
04/26/2012

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

CARLSBAD, CA 92008

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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 (A) or Disposed of (D) (Instr. 3, 4 and 5)	(A) or (D)	5. Amount or Price	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
Common Stock <u>(1)</u>	04/26/2012	04/26/2012	M	15,130	A	\$ 46.04	28,130	D	
Common Stock <u>(2)</u>	04/26/2012	04/26/2012	M	3,473	A	\$ 46.04	31,603	D	
Common Stock <u>(3)</u>	04/26/2012	04/26/2012	M	4,052	A	\$ 46.04	35,655	D	
Common Stock <u>(4)</u>	04/26/2012	04/26/2012	M	4,021	A	\$ 46.04	39,676	D	
Common Stock <u>(5)</u>	04/26/2012	04/26/2012	M	6,033	A	\$ 46.04	45,709	D	

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

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(9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)			
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units <sup>(1)</sup>	\$ 0	04/26/2012	04/26/2012	M		15,130		11/21/2009	11/21/2018	Common Stock	15,130
Restricted Stock Units <sup>(2)</sup>	\$ 0	04/26/2012	04/26/2012	M		3,473		05/01/2009	11/21/2018	Common Stock	3,473
Restricted Stock Units <sup>(3)</sup>	\$ 0	04/26/2012	04/26/2012	M		4,052		04/29/2011	04/29/2020	Common Stock	4,052
Restricted Stock Units <sup>(4)</sup>	\$ 0	04/26/2012	04/26/2012	M		4,021		04/28/2012	04/28/2021	Common Stock	4,021
Restricted Stock Units <sup>(5)</sup>	\$ 0	04/26/2012	04/26/2012	M		6,033		04/30/2010	04/30/2019	Common Stock	6,033

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
LONGFIELD WILLIAM H 5791 VAN ALLEN WAY CARLSBAD, CA 92008			X	

## Signatures

/s/ David L.  
Szekeres, POA

04/30/2012

\_\_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) Distribution of shares under Restricted Stock Unit grant #F090909
- (2) Distribution of shares under Restricted Stock Unit grant #F080762
- (3) Distribution of shares under Restricted Stock Unit grant #F101323
- (4) Distribution of shares under Restricted Stock Unit grant #F103246
- (5) Distribution of shares under Restricted Stock Unit grant #F090896

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.  
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