

LONGFIELD WILLIAM H  
Form 3  
November 25, 2008

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0104  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

**INITIAL STATEMENT OF 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 *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â LONGFIELD WILLIAM H		(Month/Day/Year)	Life Technologies Corp [LIFE]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
5791 VAN ALLEN WAY		11/21/2008		
(Street)			(Check all applicable)	
CARLSBAD,Â CAÂ 92008			<input checked="" type="checkbox"/> Director	<input type="checkbox"/> 10% Owner
(City)	(State)	(Zip)	<input type="checkbox"/> Officer	<input type="checkbox"/> Other
			(give title below)	(specify below)
			6. Individual or Joint/Group Filing(Check Applicable Line)	
			<input checked="" type="checkbox"/> Form filed by One Reporting Person	
			<input type="checkbox"/> Form filed by More than One Reporting Person	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
---------------------------------	---	--	---

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

**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)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable      Expiration Date	Title      Amount or Number of Shares			

Non-Qualified Stock Option <sup>(1)</sup> <sup>(7)</sup>	11/21/2008	10/16/2013	Common Stock	6,523	\$ 26.7	D	Â
Non-Qualified Stock Option <sup>(2)</sup>	11/21/2008	10/21/2014	Common Stock	8,002	\$ 21.74	D	Â
Non-Qualified Stock Option <sup>(3)</sup>	11/21/2008	10/20/2015	Common Stock	7,828	\$ 26.74	D	Â
Non-Qualified Stock Option <sup>(4)</sup>	11/21/2008	10/19/2016	Common Stock	7,828	\$ 38.8	D	Â
Non-Qualified Stock Option <sup>(5)</sup>	11/21/2008	10/18/2017	Common Stock	7,828	\$ 41.38	D	Â
Deferred Stock Unit <sup>(6)</sup>	11/21/2008	10/18/2018	Common Stock	15,930	\$ 0	D	Â

## Reporting Owners

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

## Signatures

/s/ Joseph W. Secondine, Jr. POA  
 11/25/2008  
 \*\*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) NQSO grant # 00019803. Shares converted to LIFE as a result of the Applied Biosystems merger with Invitrogen Corporation (name subsequently changed to Life Technologies).
- (2) NQSO grant # 00022271. Shares converted to LIFE as a result of the Applied Biosystems merger with Invitrogen Corporation (name subsequently changed to Life Technologies).
- (3) NQSO grant # 00014428. Shares converted to LIFE as a result of the Applied Biosystems merger with Invitrogen Corporation (name subsequently changed to Life Technologies).
- (4) NQSO grant # 0001540. Shares converted to LIFE as a result of the Applied Biosystems merger with Invitrogen Corporation (name subsequently changed to Life Technologies).
- (5) NQSO grant # 19737. Shares converted to LIFE as a result of the Applied Biosystems merger with Invitrogen Corporation (name subsequently changed to Life Technologies).
- (6) Granted in lieu of director compensation or due to deferral of receipt of vested director grants.
- (7) The individual may hold additional shares acquired as a result of the conversion from Applied Biosystems stock to Life Technologies stock. Administration of the conversion is not complete. If it is determined that the individual owns shares, a Form 4A will be filed.

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.