

GRIMM DONALD W  
Form 4  
September 13, 2010

**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 \*  
GRIMM DONALD W

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)  
09/09/2010

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)		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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	Price		
Common Stock <sup>(1)</sup>	09/09/2010	09/09/2010	M		20,000	A \$ 33.31	28,000	D
Common Stock <sup>(2)</sup>	09/09/2010	09/09/2010	S		200	D \$ 46.4375	27,800	D
Common Stock <sup>(2)</sup>	09/09/2010	09/09/2010	S		1,300	D \$ 46.44	26,500	D
Common Stock <sup>(2)</sup>	09/09/2010	09/09/2010	S		300	D \$ 46.445	26,200	D
Common Stock <sup>(2)</sup>	09/09/2010	09/09/2010	S		200	D \$ 46.4475	26,000	D
	09/09/2010	09/09/2010	S		1,500	D \$ 46.45	24,500	D

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Common Stock <u>(2)</u>									
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	300	D	\$ 46.4525	24,200	D	
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	1,500	D	\$ 46.455	22,700	D	
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	300	D	\$ 46.46	22,400	D	
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	100	D	\$ 46.465	22,300	D	
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	100	D	\$ 46.47	22,200	D	
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	300	D	\$ 46.5	21,900	D	
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	100	D	\$ 46.505	21,800	D	
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	100	D	\$ 46.5075	21,700	D	
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	1,400	D	\$ 46.51	20,300	D	
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	200	D	\$ 46.515	20,100	D	
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	1,700	D	\$ 46.52	18,400	D	
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	600	D	\$ 46.525	17,800	D	
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	3,300	D	\$ 46.535	14,500	D	
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	1,700	D	\$ 46.5375	12,800	D	
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	2,200	D	\$ 46.54	10,600	D	
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	2,100	D	\$ 46.55	8,500	D	
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	400	D	\$ 46.56	8,100	D	
Common Stock <u>(2)</u>	09/09/2010	09/09/2010	S	100	D	\$ 46.59	8,000	D	
Common Stock							8,000	I	By Trust <u>(3)</u>

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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 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)	Amount or Number of Shares
Stock Options (1)	\$ 33.31	09/09/2010	09/09/2010	M	20,000	04/27/2002 04/27/2011	Common Stock	20,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GRIMM DONALD W 5791 VAN ALLEN WAY CARLSBAD, CA 92008	X			

## Signatures

/s/ David L. Szekeeres, POA 09/13/2010

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) Options exercised from Grant # 3672
- (2) Sale of common stock from exercise of Grant # 3672
- (3) Shares held by Donald W. Grimm & Kathryn A. Grimm, Trustees, Grimm Family Trust.

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.