BARTHELEMY NICOLAS

Form 4

December 13, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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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

1(b).

(Print or Type Responses)

1. Name and Addre BARTHELEM		-	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)	3. Date of Earliest Transaction	()			
			(Month/Day/Year)	Director 10% Owner			
5791 VAN ALLEN WAY			12/10/2010	_X_ Officer (give title Other (specify below) Pres, Commercial Operations			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
CARLSBAD, CA 92008			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secu	rities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	omr Dispos (Instr. 3,	(A) or	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)
Common Stock (1)	12/10/2010	12/10/2010	Code V M	Amount 31,208	(D)	Price \$ 22.23	41,122	D	
Common Stock (2)	12/10/2010	12/10/2010	S	200	D	\$ 52.67	40,922	D	
Common Stock (2)	12/10/2010	12/10/2010	S	353	D	\$ 52.75	40,569	D	
Common Stock (2)	12/10/2010	12/10/2010	S	2,500	D	\$ 52.76	38,069	D	
Common Stock (2)	12/10/2010	12/10/2010	S	200	D	\$ 52.77	37,869	D	

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Common Stock (2)	12/10/2010	12/10/2010	S	3,047	D	\$ 52.78	34,822	D
Common Stock (2)	12/10/2010	12/10/2010	S	8	D	\$ 52.8043	34,814	D
Common Stock (2)	12/10/2010	12/10/2010	S	2,400	D	\$ 52.805	32,414	D
Common Stock (2)	12/10/2010	12/10/2010	S	20,400	D	\$ 52.81	12,014	D
Common Stock (2)	12/10/2010	12/10/2010	S	200	D	\$ 52.815	11,814	D
Common Stock (2)	12/10/2010	12/10/2010	S	300	D	\$ 52.8175	11,514	D
Common Stock (2)	12/10/2010	12/10/2010	S	100	D	\$ 52.825	11,414	D
Common Stock (2)	12/10/2010	12/10/2010	S	1,300	D	\$ 52.83	10,114	D
Common Stock (2)	12/10/2010	12/10/2010	S	100	D	\$ 52.84	10,014	D
Common Stock (2)	12/10/2010	12/10/2010	S	100	D	\$ 52.96	9,914	D

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. Transactic Code (Instr. 8)	5. Number of orDerivative 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
Stock Options	\$ 22.23	12/10/2010	12/10/2010	M	31,208	11/21/2009	11/21/2018	Common Stock	31,208

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Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

BARTHELEMY NICOLAS 5791 VAN ALLEN WAY CARLSBAD, CA 92008

Pres, Commercial Operations

Signatures

/s/ David L. Szekeres, POA

**Signature of Reporting 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 #F080745 pursuant to 10b5-1 Trading Plan
- (2) Shares Exercised from Grant #F080745 Sold pursuant to 10b5-1 Trading 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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