Leddy Peter Michael Form 4 April 04, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

OMB APPROVAL

3235-0287

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January 31, 2005

0.5

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if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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 A Leddy Peter	ddress of Repor Michael	ting Person *	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			Life Technologies Corp [LIFE]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
			(Month/Day/Year)	Director 10% Owner			
5791 VAN ALLEN WAY			04/02/2012	X Officer (give title Other (special below) below) SVP, Global Human Resources			
	(6			<i>'</i>			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			
CARLSBAD, CA 92008				_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zin)					

(City)	(State)	Table Table	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed of	f, or Beneficiall	y Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securi on(A) or D		•	5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)		any (Month/Day/Year)	Code (Instr. 8)	(Instr. 3,	4 and	5)	Beneficially Owned	(D) or Indirect (I)	Beneficial Ownership
					(A) or		Reported Transaction(s)	(Instr. 4)	(Instr. 4)
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock (1)	04/02/2012		M	5,630	A	\$ 48.91	36,621.5	D	
Common Stock (2)	04/02/2012		F	2,109	D	\$ 48.91	34,512.5	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. Transaction 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 Amour Underlying Securit (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Restricted Stock Units (1)	\$ 0	04/02/2012		M		5,630	04/01/2012	04/01/2021	Common Stock	5,6
Restricted Stock Units (3)	\$ 0	04/02/2012		A	12,267		04/02/2013	04/04/2016	Common Stock	12,
Stock Options (4)	\$ 48.91	04/02/2012		A	21,337		04/02/2013	04/02/2022	Common Stock	21,

Reporting Owners

	Relationships		
Reporting Owner Name / Address	•		

Director 10% Owner Officer Other

Leddy Peter Michael 5791 VAN ALLEN WAY CARLSBAD, CA 92008

SVP, Global Human Resources

Signatures

/s/ David L. Szekeres, POA 04/04/2012

**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) Vesting of RSU Grant #F101529
- (2) Shares withheld to cover tax liability from vesting of RSU Grant #F101529
- (3) Restricted Stock Unit Grant #F120003
- (4) Stock Option Grant #F120009

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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