Leddy Peter Michael Form 4 September 05, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

Number: 3235-0287

January 31,

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if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue. See Instruction

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)

ss of Reportii chael	ng Person *	2. Issuer Name and Ticker or Trading Symbol Life Technologies Corp [LIFE]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
EN WAY		(Month/Day/Year) 09/04/2012	Director 10% Owner Officer (give title Other (specify below) SVP, Global Human Resources		
(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
A 92008		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
	chael (First) EN WAY (Street)	(First) (Middle) EN WAY (Street)	Symbol Life Technologies Corp [LIFE] (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) EN WAY 09/04/2012 (Street) 4. If Amendment, Date Original Filed(Month/Day/Year)		

(City)	(State)	Table Table	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed of	f, or Beneficial	ly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ties A	cquired	5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	n(A) or D	ispose	d of (D)	Securities	Form: Direct	Indirect
(Instr. 3)		any	Code	(Instr. 3,	4 and	5)	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	Indirect (I)	Ownership
							Following	(Instr. 4)	(Instr. 4)
					(A)		Reported		
					or		Transaction(s)		
			Code V	Amount		Price	(Instr. 3 and 4)		
Common Stock (1)	09/04/2012	09/04/2012	M	2,404	A	\$ 48.21	36,916.5	D	
Common Stock (2)	09/04/2012	09/04/2012	F	882	D	\$ 48.21	36,034.5	D	

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

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SEC 1474

(9-02)

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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. Transacti Code (Instr. 8)	5. Number on f 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 (1)	\$ 0	09/04/2012	09/04/2012	M	2,404	09/01/2012	09/01/2021	Common Stock	2,404

Reporting Owners

Reporting Owner Name / Address Relationships

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 09/05/2012

**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) Vesting of shares under Restricted Stock Unit grant #F103304
- (2) Shares withheld to cover tax liability from vesting of RSU grant #F103304

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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