O'Donnell Mark Sean Form 4 May 02, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005

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Check this box if no longer subject to Section 16. Form 4 or 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)

1. Name and Address of Reporting Person * O'Donnell Mark Sean			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
		(Middle)	Life Technologies Corp [LIFE]	(Check all applicable)		
(Last)	(First)		3. Date of Earliest Transaction			
			(Month/Day/Year)	Director 10% Owner		
5791 VAN ALLEN WAY (Street)			05/02/2011	_X_ Officer (give title Other (specify below) SVP, Global Ops & Services		
			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person		
CARLSBAD, CA 92008				Form filed by More than One Reporting Person		

(State)

(Zip)

(City)

•		Table 1 - Non-Derivative Securities Acquired, Disposed 61, of Beneficially Owned							
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securit	ies	5. Amount of	6. Ownership	7. Nature of	
Security	(Month/Day/Year)	Execution Date, if	Transactio	nAcquired (A) or		Securities	Form: Direct	Indirect	
(Instr. 3)		any	Code	Disposed	of (D)	Beneficially	(D) or	Beneficial	
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4	4 and 5)	Owned	Indirect (I)	Ownership	
						Following	(Instr. 4)	(Instr. 4)	
					(4)	Reported			
					(A)	Transaction(s)			
			Code V	Amount	or (D) Price	(Instr. 3 and 4)			
C			Code v	Amount	(D) Thee				
Common						11,949.67	D		
Stock						,	_		

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table I. Non Derivative Securities Acquired Disposed of or Reneficially O

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title an	nd 8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amount o	of Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day	/Year)	Underlyin	ng Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securities	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3 a	nd 4)	Owne
	Security				Acquired					Follo
	·				(A) or					Repo
					Disposed					Trans
					of (D)					(Instr
					(Instr. 3,					
					4, and 5)					
									nount	
						Date	Expiration	or	,	
							Date	Title Number	mber	
								of		
				Code V	(A) (D)			Sha	ares	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

O'Donnell Mark Sean 5791 VAN ALLEN WAY CARLSBAD, CA 92008

SVP, Global Ops & Services

Signatures

/s/ David L. Szekeres, POA 05/02/2011

**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).

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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