O'Donnell Mark Sean
Form 3
November 25, 2008

FORM 3

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

OMB APPROVAL

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INITIAL STATEMENT OF 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 *
Â O'Donnell Mark Sean
(Last) (First) (Middle)

5791 VAN ALLEN WAY
(Street)

CARLSBAD,Â CAÂ 92008
(City) (State) (Zip)

2. Date of Event Requiring Statement (Month/Day/Year)
11/21/2008

3. Issuer Name **and** Ticker or Trading Symbol
Life Technologies Corp [LIFE]

4. Relationship of Reporting Person(s) to Issuer
(Check all applicable)
_____ Director
_____ 10% Owner
__X__ Officer (give title below)
_____ Other (specify below)
SVP, Global Ops & Services

5. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1.Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)

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

SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (*e.g.*, puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

Incentive Stock Option (1) (10)	11/21/2008	03/17/2010	Common Stock	1,572	$ 115.51	D	Â
Non-Qualified Stock Option (2)	11/21/2008	03/17/2010	Common Stock	9,995	$ 115.51	D	Â
Non-Qualified Stock Option (3)	11/21/2008	03/24/2013	Common Stock	4,349	$ 17.87	D	Â
Non-Qualified Stock Option (4)	11/21/2008	06/17/2014	Common Stock	8,480	$ 23.21	D	Â
Non-Qualified Stock Option (5)	11/21/2008	06/02/2015	Common Stock	5,436	$ 24.69	D	Â
Non-Qualified Stock Option (6)	11/21/2008	06/02/2015	Common Stock	5,436	$ 24.69	D	Â
Non-Qualified Stock Option (7)	11/21/2008	06/02/2015	Common Stock	5,436	$ 24.69	D	Â
Non-Qualified Stock Option (8)	11/21/2008	06/02/2015	Common Stock	5,436	$ 24.69	D	Â
Non-Qualified Stock Option (9)	11/21/2008	01/30/2017	Common Stock	19,135	$ 39.81	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
O'Donnell Mark Sean 5791 VAN ALLEN WAY CARLSBAD,Â CAÂ 92008	Â	Â	Â SVP, Global Ops & Services	Â

Signatures

/s/ Joseph W. Secondine, Jr. POA	11/25/2008
**Signature of Reporting Person	Date

Explanation of Responses:

***** If the form is filed by more than one reporting person, *see* Instruction 5(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) Incentive Stock Option grant # 00005377. Shares converted to LIFE as a result of the Applied Biosystems merger with Invitrogen Corporation (name subsequently changed to Life Technologies).

(2) Non-Qualified Stock Option grant # 00085378. Shares converted to LIFE as a result of the Applied Biosystems merger with Invitrogen Corporation (name subsequently changed to Life Technologies).

(3) Non-Qualified Stock Option grant # 00017222. Shares converted to LIFE as a result of the Applied Biosystems merger with Invitrogen Corporation (name subsequently changed to Life Technologies).

(4) Non-Qualified Stock Option grant # 00021103. Shares converted to LIFE as a result of the Applied Biosystems merger with Invitrogen Corporation (name subsequently changed to Life Technologies).

(5)

Non-Qualified Stock Option grant # 00020503. Shares converted to LIFE as a result of the Applied Biosystems merger with Invitrogen Corporation (name subsequently changed to Life Technologies).

(6) Non-Qualified Stock Option grant # A0020503. Shares converted to LIFE as a result of the Applied Biosystems merger with Invitrogen Corporation (name subsequently changed to Life Technologies).

(7) Non-Qualified Stock Option grant # B0020503. Shares converted to LIFE as a result of the Applied Biosystems merger with Invitrogen Corporation (name subsequently changed to Life Technologies).

(8) Non-Qualified Stock Option grant # C0020503. Shares converted to LIFE as a result of the Applied Biosystems merger with Invitrogen Corporation (name subsequently changed to Life Technologies).

(9) Non-Qualified Stock Option grant # 18801. Shares converted to LIFE as a result of the Applied Biosystems merger with Invitrogen Corporation (name subsequently changed to Life Technologies).

(10) The individual may hold additional shares acquired as a result of the conversion from Applied Biosystems stock to Life Technologies stock. Administration of the conversion is not complete. If it is determined that the individual owns shares, a Form 4A will be filed.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.
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