

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 * O'Donnell Mark Sean (Last) (First) (Middle) 5791 VAN ALLEN WAY (Street) CARLSBAD, CA 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) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other (give title below) (specify below) SVP, Global Ops & Services	5. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
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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)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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) Date Exercisable Expiration Date	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) Title Amount or Number of Shares	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)
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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.

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.