Stevenson Mark Form 4 November 22, 2011

FORM 4

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

OMB

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

3235-0287 Number: January 31, Expires: 2005

OMB APPROVAL

Form 4 or Form 5 obligations may continue. Estimated average burden hours per response... 0.5

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 See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

| 1. Name and Address of Reporting Person * Stevenson Mark | | 2. Issuer Name and Ticker or Trading Symbol Life Technologies Corp [LIFE] | 5. Relationship of Reporting Person(s) to Issuer | | |
|--|---------------------------------|--|--|--|--|
| (First) | (Middle) | 3. Date of Earliest Transaction | (Check all applicable) | | |
| EN WAY | | (Month/Day/Year) 11/21/2011 | Director 10% Owner Officer (give title Other (specify below) President & COO | | |
| (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 | | |
| | (First) EN WAY (Street) A 92008 | (First) (Middle) EN WAY (Street) | Symbol Life Technologies Corp [LIFE] (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) EN WAY 11/21/2011 (Street) 4. If Amendment, Date Original Filed(Month/Day/Year) A 92008 | | |

| (City) | (State) | (Zip) Table | e I - Non-D | erivative S | Securi | ties Acq | uired, Disposed o | of, or Beneficial | ly Owned |
|--------------------------------------|---|---|---|---|------------------|--|--|---|----------|
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | etion(A) or Disposed of (D) (Instr. 3, 4 and 5) | | 5. Amount of Securities Beneficially Owned Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | Code V | Amount | (A) or (D) | Price | Reported Transaction(s) (Instr. 3 and 4) | | |
| Common Stock (1) | 11/21/2011 | 11/21/2011 | M | 44,984 | A | \$ 36.7 | 94,682.64 | D | |
| Common Stock (2) | 11/21/2011 | 11/21/2011 | F | 20,999 | D | \$ 36.7 | 73,683.64 | 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. Transactio Code (Instr. 8) | 5. Number of orDerivative Securities Acquired (A) or Disposed of (D) | Expiration Dat | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | Amount of Securities 4) |
|---|--|---|---|--|--|---------------------|--|-----------------|-------------------------------------|
| | | | | Code V | (Instr. 3, 4, and 5) (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Restricted Stock Units (1) | \$ 0 | 11/21/2011 | 11/21/2011 | M | 44,984 | 11/21/2011 | 11/21/2018 | Common Stock | 44,984 |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Stevenson Mark

5791 VAN ALLEN WAY President & COO

CARLSBAD, CA 92008

Signatures

/s/ David L. Szekeres, POA

**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 RSU Grant #F080770
- (2) Shares withheld to cover tax liability from vesting of RSU Grant #F080770

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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