

GRAY MICHAEL
Form 4
March 11, 2011

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN 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 *
GRAY MICHAEL

2. Issuer Name and Ticker or Trading Symbol
Mellanox Technologies, Ltd.
[MLNX]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director
 Officer (give title below) Chief Financial Officer
____ 10% Owner
____ Other (specify below)

(Last) (First) (Middle)

350 OAKMEAD
PARKWAY, SUITE 100

(Street)

3. Date of Earliest Transaction
(Month/Day/Year)
03/09/2011

SUNNYVALE, CA 94085

(City) (State) (Zip)

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

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

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | Code | V | Amount or Price | | |
| Ordinary Shares | 03/09/2011 | | A | | 8,000 | A | \$ 3.5 |
| Ordinary Shares | | | | | | | 16,750 ⁽¹⁾ |
| Ordinary Shares | | | | | | | 439 ⁽²⁾ |
| Ordinary Shares | 03/09/2011 | | D | | 8,000 ⁽³⁾ | D | \$ 25.7387 ⁽⁴⁾ |
| | | | | | | | 8,750 ⁽¹⁾ |
| | | | | | | | D |

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

Persons who respond to the collection of information contained in this form are not

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. Transaction Code (Instr. 8) | 5. Number of 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) | 8. F. Der. Sec. (Instr. 3) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------------|
| Stock Option (Right to Buy) | \$ 3.5 | 03/09/2011 | | M | 8,000 | (5) 10/14/2014 | Ordinary Shares | 8,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|-------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| GRAY MICHAEL 350 OAKMEAD PARKWAY SUITE 100 SUNNYVALE, CA 94085 | | | Chief Financial Officer | |

Signatures

/s/ Michael Gray 03/11/2011

**Signature of Reporting Person 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) Includes 8,750 restricted stock units ("RSUs"), which were granted to the reporting person on January 20, 2010, (from an aggregate grant amount of 12,000 RSUs) and previously reported on Table II of the Reporting Person's Form 4s. The Reporting Person has elected to report his ownership of these RSUs in Table I of his Form 4 filings. The Reporting Person is entitled to receive one (1) ordinary share for each one (1) RSU.
 - (2) Shares held by the M&M Gray Family 2001 Trust U/T/A, for which Mr. Gray is a trustee.
 - (3) The sales reported in the Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on July 30, 2010.

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- This transaction was executed in multiple trades in prices ranging from \$25.58 to \$25.85. The price reported above reflects the weighted
- (4) average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer, or a stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.
 - (5) The shares subject to this option are fully vested and exercisable.

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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