GRAY MICHAEL Form 4

August 08, 2012

FORM 4

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

OMB 3235-0287 Number:

OMB APPROVAL

Check this box if no longer subject to Section 16.

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

January 31, Expires: 2005 Estimated average

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

burden hours per response... 0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Pers GRAY MICHAEL	n * 2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
	Mellanox Technologies, Ltd. [MLNX]	(Check all applicable)			
(Last) (First) (Midd	(Month/Day/Year)	Director 10% Owner Officer (give title Other (specify below)			
350 OAKMEAD PARKWAY, SUITE 100	08/07/2012	Chief Financial Officer			
(Street)	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			
SUNNYVALE CA 94085		Form filed by More than One Reporting			

SUNNYVALE, CA 94085

Shares

(City)	(State)	(Zip) Tal	ble I - Non-	-Derivativ	e Sec	urities Acquir	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. 7. N Ownership Indi Form: Bene Direct (D) Own	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Ordinary Shares	08/07/2012		Code V M	Amount 2,100 (1)	(D)	Price \$ 9.19	29,975 (2)	D	
Ordinary Shares	08/07/2012		S	2,100 (1)	D	\$ 106.9703 (3)	27,875 <u>(2)</u>	D	
Ordinary Shares	08/07/2012		M	757 <u>(1)</u>	A	\$ 9.19	28,632 (2)	D	
Ordinary	08/07/2012		S	757 <u>(1)</u>	D	\$ 107.9054	27,875 <u>(2)</u>	D	

(4)

Ordinary Shares

439 (5)

I

By Trust

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

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SEC 1474 (9-02)

> 8. F Der Sec (Ins

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. Transactic 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 9.19	08/07/2012		M	2,857	<u>(6)</u>	10/25/2016	Ordinary Shares	2,857

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

08/08/2012

**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).

Reporting Owners 2

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- (1) The sales reported in the Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on August 23, 2011.
- (2) Includes 27,875 unvested Restricted Share Units (RSU's). Upon vesting thereof, the Reporting Person is entitled to receive one (1) ordinary share for each one (1) RSU.
- This transaction was executed in multiple trades in prices ranging from \$106.53 to \$107.53. The price reported above reflects the weighted 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.
- This transaction was executed in multiple trades in prices ranging from \$107.62 to \$108.50. The price reported above reflects the weighted 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) Shares held by the M&M Gray Family 2001 Trust U/T/A, for which Mr. Gray is a trustee.
- (6) The shares exercised pursuant to this option were fully vested and exerciseable.

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.