

Mellanox Technologies, Ltd.
 Form 4
 June 05, 2008

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)

(Last) (First) (Middle)
 2900 STENDER WAY
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 06/03/2008

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

SANTA CLARA, CA 95054

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

(City) (State) (Zip)

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 Ownership (Instr. 4)
				(A) or (D)	Price		
Ordinary Shares	06/05/2008		S ⁽¹⁾	800 D	\$ 17.3	2,700	D
Ordinary Shares	06/05/2008		S ⁽¹⁾	800 D	\$ 17.31	1,900	D
Ordinary Shares	06/05/2008		S ⁽¹⁾	100 D	\$ 17.33	1,800	D
Ordinary Shares	06/05/2008		S ⁽¹⁾	100 D	\$ 17.34	1,700	D
Ordinary Shares	06/05/2008		S ⁽¹⁾	1,200 D	\$ 17.35	500	D

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) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on August 7, 2007.
- (2) Shares held by the M&M Gray Family 2001 Trust U/T/A, for which Mr. Gray is a trustee.

Remarks:

Form 4 Filing 2 of 2 (continuation report): Related transactions effected by the Reporting Person are reported on an additional

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.