Sultzbaugh Marc Form 4 November 06, 2012

FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average

OMB APPROVAL

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 Person * Sultzbaugh Marc			2. Issuer Name and Ticker or Trading Symbol Mellanox Technologies, Ltd. [MLNX]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last) 350 OAKME PARKWAY,		(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 11/02/2012	Director 10% Owner _X Officer (give title Other (specify below) VP World Wide Sales		
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		
SUNNYVAL	E, CA 94085	5		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. Transacti Code (Instr. 8)	4. Securities Acquired (A) ctiomr Disposed of (D) (Instr. 3, 4 and 5) (A) or			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount		Price	(Instr. 3 and 4)			
Ordinary Shares	11/02/2012		M	3,600	A	\$ 10.23	51,613 <u>(1)</u>	D		
Ordinary Shares	11/02/2012		S	3,600	D	\$ 80.0922 (2)	48,013 (1)	D		
Ordinary Shares	11/05/2012		M	1,400	A	\$ 10.23	49,413 (1)	D		
Ordinary Shares	11/05/2012		S	1,400	D	\$ 80.1193 (3)	48,013 (1)	D		

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Ordinary Shares	11/06/2012	M	1,800	A	\$ 10.23	49,813 (1)	D
Ordinary Shares	11/06/2012	S	1,800	D	\$ 85.5561 (4)	48,013 (1)	D
Ordinary Shares	11/06/2012	M	3,200	A	\$ 10.23	51,213 (1)	D
Ordinary Shares	11/06/2012	S	3,200	D	\$ 86.4549 (5)	48,013 (1)	D

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

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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. Transactic Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Derivative Expiration Date curities (Month/Day/Year) quired) or sposed of) str. 3, 4,		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)	\$ 10.23	11/02/2012		M	3,600	<u>(6)</u>	04/21/2019	Ordinary Shares	3,600
Stock Option (Right to Buy)	\$ 10.23	11/05/2012		M	1,400	<u>(6)</u>	04/21/2019	Ordinary Shares	1,400
Stock Option (Right to Buy)	\$ 10.23	11/06/2012		M	5,000	<u>(6)</u>	04/21/2019	Ordinary Shares	5,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Sultzbaugh Marc 350 OAKMEAD PARKWAY SUITE 100 SUNNYVALE, CA 94085

VP World Wide Sales

Signatures

/s/ Marc Sultzbaugh by Jacob Shulman, Power of Attorney

11/06/2012

**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).
- (1) Includes 37,250 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 upon vesting.
- This transaction was executed in multiple trades in prices ranging from \$80.00 to \$80.26. The price reported above reflects the weighted (2) 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 \$80.01 to \$80.20. The price reported above reflects the weighted (3) 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 \$85.00 to \$85.82. 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 \$86.17 to \$86.75. The price reported above reflects the weighted (5) 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.
- (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.

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