Sultzbaugh Marc Form 4 December 01, 2011

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

OMB 3235-0287 Number:

OMB APPROVAL

Expires:

January 31,

2005

if no longer subject to Section 16. Form 4 or

Check this box

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

Estimated average burden hours per response... 0.5

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

(Street)

(State)

Sultzbaugh Marc

2. Issuer Name and Ticker or Trading

Symbol

Mellanox Technologies, Ltd.

[MLNX]

(Last)

(City)

(First) (Middle)

(Zip)

3. Date of Earliest Transaction

(Month/Day/Year) 11/29/2011

Director X_ Officer (give title

10% Owner Other (specify

350 OAKMEAD

PARKWAY, SUITE 100

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

5. Relationship of Reporting Person(s) to

(Check all applicable)

VP World Wide Sales

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Issuer

below)

SUNNYVALE, CA 94085

		141	Table 1 - Non-Derivative Securities Acquired, Disposed of, or Deficiently Owned							
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if					5. Amount of Securities	6. Ownership	7. Nature of Indirect	
(Instr. 3)	, ,	any	Code (Instr. 3, 4 and 5)			Beneficially	Form:	Beneficial		
,		(Month/Day/Year)	(Instr. 8)				Owned	Direct (D)	Ownership	
		•					Following	or Indirect	(Instr. 4)	
					(4)		Reported	(I)		
					(A)		Transaction(s)	(Instr. 4)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)			
Ondinomy						\$				
Ordinary Shares	11/29/2011		S	225	D	32.6022 (1)	25,710 (2)	D		

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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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. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr	
					4, and 5)	Date	Expiration		Amount		
				Code V	(A) (D)	Exercisable	Date	Title	Number of Shares		

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 Michael Gray, Power of Attorney

12/01/2011

**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).
- This transaction was executed in multiple trades in prices ranging from \$32.58 to \$32.63. The price reported above reflects the weighted (1) average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer, or a shareholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.
- (2) Includes 20,500 restricted share units ("RSUs"). The Reporting Person is entitled to receive one (1) ordinary share for each one (1) RSU. 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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