Sultzbaugh Marc Form 4 September 06, 2011

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

Washington, D.C. 20549

3235-0287 Number: January 31,

if no longer subject to Section 16. Form 4 or Form 5

obligations

Check this box

Expires: 2005 Estimated average burden hours per

0.5

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

response...

may continue. See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

Sultzbaugh Marc

Mellanox Technologies, Ltd.

[MLNX]

08/31/2011

(Check all applicable)

(Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year)

10% Owner Director X_ Officer (give title Other (specify

350 OAKMEAD

below)

VP World Wide Sales

PARKWAY, SUITE 100 (Street)

(State)

(Zip)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

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

SUNNYVALE, CA 94085

(City)

(City)	(State)	Table 1 - Non-Derivative Securities Acquir					red, 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. 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. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Ordinary Shares	08/31/2011		Code V A	Amount 411 (1)	()	Price \$ 21.84	26,346 (2)	D		
Ordinary Shares	09/01/2011		S	411	D	\$ 29.3046 (3)	25,935 <u>(2)</u>	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.

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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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
				C-l- V		Exercisable Date	Expiration Date	of of			
					(A) (D)						
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Officer Other Director 10% Owner

Sultzbaugh Marc 350 OAKMEAD PARKWAY SUITE 100 SUNNYVALE, CA 94085

VP World Wide Sales

Signatures

/s/ Marc Sultzbaugh by Michael Gray, Power of Attorney

09/06/2011

**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).
- These shares were acquired pursuant to and in accordance with the Issuer's Employee Share Purchase Plan and are exempt from the provisions of Section 16(b).
- (2) Includes 21,250 restricted share units ("RSUs"). 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 \$29.29 to \$29.31. 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 shareholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.

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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