Sultzbaugh Marc Form 4 November 22, 2017

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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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. Name and Address of Reporting Person *

(State)

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).

(City)

(Print or Type Responses)

Sultzbaugh Marc Issuer Symbol Mellanox Technologies, Ltd. (Check all applicable) [MLNX] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner Other (specify X_ Officer (give title (Month/Day/Year) below) 350 OAKMEAD 11/21/2017 Sr. VP World Wide Sales PARKWAY, SUITE 100 6. Individual or Joint/Group Filing(Check

2. Issuer Name and Ticker or Trading

(Street) 4. If Amendment, Date Original Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

5. Relationship of Reporting Person(s) to

SUNNYVALE, CA 94085

(Zip)

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

						*	•
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities Acquired	5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	n(A) or Disposed of	Securities	Form: Direct	Indirect
(Instr. 3)		any	Code	(D)	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)	Owned	Indirect (I)	Ownership
					Following	(Instr. 4)	(Instr. 4)
				(4)	Reported		
				(A)	Transaction(s)		
			C 1 W	or	(Instr. 3 and 4)		
			Code V	Amount (D) Price			
Ordinary Shares	11/21/2017		S	5,000 D \$ 55.4	66,731 <u>(1)</u>	D	
Silaics				JJ. +			

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	2. Conversion	3. Transaction Date (Month/Day/Year)		4.	5. orNumber	6. Date Exerc Expiration Da		7. Title Amou		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Monun Day/ Year)	execution Date, if any (Month/Day/Year)	Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/		Under Securi	lying	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or 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

Sr. VP World Wide Sales

Signatures

/s/ Marc Sultzbaugh by Cheryl Ganapol, Power-of-Attorney

11/22/2017

**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 37,750 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.

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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