Mellanox Technologies, Ltd.

Form 4

August 08, 2016

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

3235-0287

Expires:

January 31, 2005

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OMB APPROVAL

response...

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

Check this box

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations may continue.

See Instruction 1(b).

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 *

(First)

(State)

(Middle)

(Zip)

Dorchak Glenda

2. Issuer Name and Ticker or Trading Symbol

Mellanox Technologies, Ltd.

[MLNX]

5. Relationship of Reporting Person(s) to

Issuer

3. Date of Earliest Transaction

(Month/Day/Year) 08/04/2016

(Check all applicable) _X__ Director 10% Owner

Officer (give title Other (specify

350 OAKMEAD

(Last)

(City)

Shares

PARKWAY, SUITE 100

(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 Form filed by More than One Reporting

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

43.038

SUNNYVALE, CA 94085

1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities Acquired	5. Amount of	6.	7. Nature of	
Security	(Month/Day/Year)	Execution Date, if	Transactio	or(A) or Disposed of (D)	Securities	Ownership	Indirect	
(Instr. 3)		any	Code	(Instr. 3, 4 and 5)	Beneficially	Form: Direct	Beneficial	
		(Month/Day/Year)	(Instr. 8)		Owned	(D) or	Ownership	
					Following	Indirect (I)	(Instr. 4)	
				(4)	Reported	(Instr. 4)		
				(A)	Transaction(s)			
			C 1 W	or	(Instr. 3 and 4)			
			Code V	Amount (D) Price				
Ordinary	08/04/2016		S	$^{1,500}_{(1)}$ D $^{\$}_{42,039}$	14,000 <u>(2)</u>	D		

(1)

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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	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transact Code (Instr. 8)	orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	:		Amou Under Securi (Instr.	lying	Derivative Security (Instr. 5)	Deriv Secur Bene Own 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					
1 0	Director	10% Owner	Officer	Other		
Dorchak Glenda 350 OAKMEAD PARKWAY SUITE 100 SUNNYVALE, CA 94085	X					

Signatures

/s/ Glenda Dorchak by Cheryl Ganapol, Power-of-Attorney

08/08/2016

**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) Restricted Share Units ("RSU's"). Upon vesting the Reporting Person is entitled to receive one (1) ordinary share for each one (1) RSU.
- (2) Includes 3,750 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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