Mellanox Technologies, Ltd. Form 4

February 28, 2014

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

OMB APPROVAL OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

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

January 31, Expires: 2005

Form 4 or Form 5 obligations may continue.

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

Estimated average

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Kagan Michael

(First)

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

Mellanox Technologies, Ltd.

(Check all applicable)

[MLNX]

(Last)

(Middle)

3. Date of Earliest Transaction

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

(Month/Day/Year)

02/26/2014

below) CTO & VP of Architecture

C/O MELLANOX TECHNOLOGIES, LTD.,, BEIT

MELLANOX

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

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

D

6. Individual or Joint/Group Filing(Check

YOKNEAM, L3 20692

(City) (State) (Zip)

02/26/2014

(Street)

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

1.Title of Security (Instr. 3)

Ordinary

Shares

(Month/Day/Year)

2. Transaction Date 2A. Deemed Execution Date, if

(Month/Day/Year)

3. 4. Securities Acquired 5. Amount of Transaction(A) or Disposed of Code (D) (Instr. 8) (Instr. 3, 4 and 5)

Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

(A) or

(1)(2)

Reported Transaction(s) (Instr. 3 and 4)

Price Amount (D)

Code V 10,000 \$0 $163,098 \stackrel{(3)}{=}$

Α

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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		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)	(Instr. 8) Derivative			Securi	ties	(Instr. 5)	Bene
	Derivative				Securities Acquired			(Instr.	3 and 4)		Own
	Security										Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date Exercisable	Expiration Date		or		
					(A) (B)			of	Number		
				~							
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Kagan Michael C/O MELLANOX TECHNOLOGIES, LTD., BEIT MELLANOX YOKNEAM, L3 20692

CTO & VP of Architecture

Signatures

/s/ Michael Kagan by Jacob Shulman, Power of Attorney

02/28/2014

Date

**Signature of Reporting Person

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) The Reporting Person is entitled to receive one (1) ordinary share for each one (1) restricted stock unit.
- Restricted Stock Units granted on February 26, 2014 shall vest at a rate of 12/48th of the original number of shares on May 1, 2015, and thereafter at a rate of 3/48th of the original number of shares on the first day of each quarterly period of August, November, February and May commencing on August 1, 2015, with the last 3/48th of the original number of shares vesting on May 1, 2018 so long as reporting person remains an officer or employee of the Company.
- (3) Includes 30,156 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.

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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