Waldman Eyal Form 4 May 03, 2011

FORM 4

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

OMB 3235-0287 Number: January 31,

OMB APPROVAL

Check this box if no longer subject to Section 16. Form 4 or

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

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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

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * Waldman Eyal

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

Mellanox Technologies, Ltd.

[MLNX]

(Check all applicable)

(Last) (First) (Middle)

(Street)

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

04/29/2011

X_ Officer (give title below)

X Director

10% Owner _ Other (specify

C/O MELLANOX TECHNOLOGIES, LTD., HERMON BLDG

Chief Executive Officer

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

6. Individual or Joint/Group Filing(Check

YOKNEAM, L3 20692

Person

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, 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. Transactic Code (Instr. 8)	4. Securit our Dispos (Instr. 3,	ed of	` ′	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	04/29/2011		S <u>(1)</u>	16,834	D	\$ 29.9822 (2)	1,618,143 (3)	I	By Partnership			
Ordinary Shares	05/02/2011		S <u>(1)</u>	2,333	D	\$ 28.2433 (5)	1,615,810 (3)	I	By Partnership (4)			
Ordinary Shares	05/03/2011		S <u>(1)</u>	703	D	\$ 28.3673 <u>(6)</u>	1,615,107 (7)	D				

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

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SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans

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	isable and	7. Titl	le and	8. Price of	Ç
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Date		Amou	ınt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	,
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)]
	Derivative				Securities			(Instr.	3 and 4)		(
	Security				Acquired						J
					(A) or]
					Disposed						-
				of (D)						(
					(Instr. 3,						
					4, and 5)						
									A 4		
									Amount		
						Date Expiration Exercisable Date	Expiration		or		
							Title Number				
				C 1 1	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Waldman Eyal C/O MELLANOX TECHNOLOGIES, LTD. HERMON BLDG YOKNEAM, L3 20692

X

Chief Executive Officer

Signatures

/s/ Eyal Waldman by Michael Gray, Power of Attorney

05/03/2011

**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).
- (1) The sales reported in the Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on July 30, 2010.
- This transaction was executed in multiple trades in prices ranging from \$29.54 to \$30.00. The price reported above reflects the weighted (2) average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer, or a stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.
- Includes 41,954 restricted stock units ("RSUs"), which were granted to the reporting person on January 5, 2010 (from an original grant of 45,000 RSUs) and previously reported in Table II of the Reporting Person's Form 4 filed on January 5, 2010, as amended on January 8, 2010. The Reporting Person has elected to report his direct ownership of these RSUs in Table I of this Form 4.

Reporting Owners 2

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- (4) Shares held by Waldo 2 Holdings, a general partnership formed pursuant to the laws of Israel of which Mr. Waldman is a general partner. Mr. Waldman has sole voting and dispositive power over all of the shares reported on this Form 4.
- This transaction was executed in multiple trades in prices ranging from \$28.22 to \$28.47. The price reported above reflects the weighted (5) average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer, or a stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.
- This transaction was executed in multiple trades in prices ranging from \$28.30 to \$28.4001. The price reported above reflects the weighted average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer, or a stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.
- Includes 41,251 restricted stock units ("RSUs"), which were granted to the reporting person on January 5, 2010 (from an original grant of 45,000 RSUs) and previously reported in Table II of the Reporting Person's Form 4 filed on January 5, 2010, as amended on January 8, 2010. The Reporting Person has elected to report his direct ownership of these RSUs in Table I of this Form 4.

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.