Waldman Eyal Form 4 June 07, 2010

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005 Estimated average

0.5

Form 5 obligations

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

SECURITIES

burden hours per response...

may continue. See Instruction 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).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading

Issuer

Waldman Eyal Symbol

Mellanox Technologies, Ltd.

(Check all applicable)

5. Relationship of Reporting Person(s) to

[MLNX]

(Middle)

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

06/03/2010

_X__ Director 10% Owner X_ Officer (give title Other (specify below)

Chief Executive Officer

C/O MELLANOX TECHNOLOGIES,

LTD., HERMON BLDG (Street)

(First)

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

YOKNEAM, L3 20692

(City) (State) (Zip)

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

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) (Instr. 3)

Execution Date, if (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following Reported

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

Beneficial Ownership (Instr. 4)

(A) or (D) Code V Amount

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

Ordinary 06/03/2010 $S^{(1)}$ 933 D \$ 25 1,763,788 (2) I Shares

By Partnership

(3)

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

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SEC 1474 (9-02)

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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. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amoun	t of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivative		e		Securit	ies	(Instr. 5)	Bene
	Derivative				Securities Acquired			(Instr. 3	3 and 4)		Own
	Security										Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A manuat		
									Amount		
					Date	Date	Expiration	Or Title Nesselves			
						Exercisable Date	Date		Number		
				C + V	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address Officer Other Director 10% Owner

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

Chief Executive Officer

Signatures

/s/ Eyal Waldman by Matthew Gloss, Power of Attorney

06/07/2010

**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).
- The sales reported in the Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on October 26, **(1)** 2009.
- Includes 45,000 restricted stock units ("RSUs"), which were granted to the reporting person on January 5, 2010, and previously reported (2) in Table II of the Reporting Person's Form 4s. The Reporting Person has elected to report his ownership of these RSUs in Table I of his Form 4 filings. The Reporting Person is entitled to receive one (1) ordinary share for each one (1) RSU.
- 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.

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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