Waldman Eyal Form 4 April 04, 2011

# FORM 4

#### **OMB APPROVAL**

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**OMB** 3235-0287 Number:

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

Washington, D.C. 20549

January 31, Expires: 2005

**SECURITIES** 

Estimated average burden hours per response... 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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Waldman Eyal			2. Issuer Name and Ticker or Trading Symbol Mellanox Technologies, Ltd. [MLNX]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)
(Last)  C/O MELLAN TECHNOLOG LTD., HERMO	IES,	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 03/31/2011	X Director 10% Owner X Officer (give title Other (specify below) Chief Executive Officer
YOKNEAM, L	(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 Person

(City)	(State)	(Zip) Ta	ble I - Non	-Derivati	ve Sec	urities Acqu	ired, Disposed of	f, or Benefici	ally 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. Securi coor Dispo (Instr. 3,	sed of 4 and (A) or		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	03/31/2011		S(1)	1,800	D	\$ 25.2078 (2)	1,637,311 (3)	I	By Partnership
Ordinary Shares	04/01/2011		S <u>(1)</u>	867	D	\$ 25.1623	1,636,444 (3)	I	By Partnership

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

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9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

# 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. Titl	e and	8. Price of	٥
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration Da	ate	Amou	nt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	5
(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)						
					.,						
									Amount		
						Date	Expiration		or		
						Exercisable	Date	Title	Number		
						Lacicisabic	Date		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 04/04/2011

\*\*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 \$25.11 to \$25.302. 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 41,954 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.
- (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.
- (5) This transaction was executed in multiple trades in prices ranging from \$25.00 to \$25.33. 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

Reporting Owners 2

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Issuer, information regarding the number of shares and prices at which the transaction was effected.

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.