

WEATHERFORD CLIFTON THOMAS
 Form 4
 October 30, 2007

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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. Name and Address of Reporting Person *
 WEATHERFORD CLIFTON THOMAS

2. Issuer Name and Ticker or Trading Symbol
 Mellanox Technologies, Ltd.
 [MLNX]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 2900 STENDER WAY
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 10/29/2007

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

SANTA CLARA, CA 95054
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities
---------------------------------	---------------------------	--------------------------------------	-----------------------------------	---------------------	------------------------------------	--	--

Edgar Filing: WEATHERFORD CLIFTON THOMAS - Form 4

(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)				(Instr. 3 and 4)		
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 5.51	10/29/2007	S		1,400		<u>(1)</u>	11/27/2015	Ordinary Shares	1,400
Non-Qualified Stock Option (right to buy)	\$ 5.51	10/29/2007	S		8,800		<u>(1)</u>	11/27/2015	Ordinary Shares	8,800
Non-Qualified Stock Option (right to buy)	\$ 5.51	10/29/2007	S		500		<u>(1)</u>	11/27/2015	Ordinary Shares	500
Non-Qualified Stock Option (right to buy)	\$ 5.51	10/29/2007	S		400		<u>(1)</u>	11/27/2015	Ordinary Shares	400
Non-Qualified Stock Option (right to buy)	\$ 5.51	10/29/2007	S		8,900		<u>(1)</u>	11/27/2015	Ordinary Shares	8,900

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WEATHERFORD CLIFTON THOMAS 2900 STENDER WAY SANTA CLARA, CA 95054	X			

Signatures

/s/ C. Thomas Weatherford by Michael Gray, by Power of Attorney 10/30/2007

__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 shares subject to the option vest in 48 equal and successive monthly installments measured from November 28, 2005, such that 100% of the shares subject to the option will be fully vested and exercisable on November 28, 2009.

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.