KLA TENCOR CORP

Form 4

August 07, 2008

FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average

0.5

OMB APPROVAL

Form 4 or 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

burden hours per response...

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * Martin Brian

(First)

(Street)

2. Issuer Name **and** Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

Symbol

KLA TENCOR CORP [KLAC]
3. Date of Earliest Transaction

(Check all applicable)

Senior VP & General Counsel

C/O KLA-TENCOR

(Month/Day/Year) 08/05/2008

(Middle)

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

CORPORATION, ONE TECHNOLOGY DRIVE

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year) Applicable Line)

MILPITAS, CA 95035

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

Person

WIILFITAS, CA 9505.

(City)	(State) (Z	Zip) Table	I - Non-Do	erivative S	ecurit	ies Acq	uired, Disposed o	of, or Beneficial	ly 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 or(A) or Di (D) (Instr. 3,	sposed	l 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)
Common Stock - Restricted Stock Units	08/05/2008		A	3,922	A		31,922 (4)	D	
Common Stock - Restricted Stock Units	08/05/2008		A	15,000 (3)	A	\$ 0	46,922 <u>(4)</u>	D	

301 (5) D

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Common Stock

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

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(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 (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Secur	ınt of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
. 9	Director	10% Owner	Officer	Other			
Martin Brian C/O KLA-TENCOR CORPORATION ONE TECHNOLOGY DRIVE MILPITAS, CA 95035			Senior VP & General Counsel				

Signatures

Brian M. Martin 08/07/2008 **Signature of Date 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) Each restricted stock unit represents a contingent right to receive one share of KLA-Tencor common stock.
- (2) On August 8, 2007, Mr. Martin was granted restricted stock units covering up to 4,687 shares of KLA-Tencor common stock, subject to both performance-vesting and service-vesting requirements. Following the completion of KLA-Tencor's audited financial statements for the 2008 fiscal year, the Compensation Committee of KLA-Tencor's Board of Directors determined on August 5, 2008 the level at which

Reporting Owners 2

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the corporate performance goals were attained and, based on that assessment, determined that the number of shares subject to the restricted stock units is 3,922. Mr. Martin will vest in fifty percent (50%) of the restricted stock units upon his completion of two years of service with KLA-Tencor measured from the grant date (August 8, 2007) and will vest in the remaining fifty percent (50%) upon his completion of an additional two years of service thereafter. The shares of common stock will be issued as the restricted stock units vest.

- Represents a grant of restricted stock units subject only to service-vesting requirements. Mr. Martin will vest in fifty percent (50%) of the restricted stock units upon his completion of two years of service with KLA-Tencor measured from the grant date (August 5, 2008) and will vest in the remaining fifty percent (50%) upon his completion of an additional two years of service thereafter. The shares of common stock will be issued as the restricted stock units vest.
- Does not include performance-based restricted stock units, if any, held by the Reporting Person for which an assessment has not yet been made regarding the achievement of the applicable performance goals. Any such holdings will be reported on Form 4 within two business days of the date such assessment is made.
- (5) Includes 207 shares acquired under the KLA-Tencor Employee Stock Purchase Plan ("ESPP") on December 31, 2007 and 94 shares acquired under the ESPP on June 30, 2008.

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.