KLA TENCOR CORP

Form 4

September 21, 2005

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB 3235-0287

Number:

Expires:

January 31,

2005

0.5

Estimated average

burden hours per response...

OMB APPROVAL

if no longer subject to Section 16. Form 4 or Form 5

obligations

Check this box

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

may continue.

See Instruction 1(b).

30(h) of the Investment Company Act of 1940

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * **BOND ROBERT T**

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(First) (Middle) KLA TENCOR CORP [KLAC]

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

09/13/2005

(Check all applicable)

_X__ Director 10% Owner Officer (give title _ Other (specify

C/O KLA-TENCOR CORPORATION, 160 RIO **ROBLES**

> (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

SAN JOSE, CA 95130

(State)

(City)	(State)	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. 4. Securities Acquired (A) Transactiomr Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)			
Common Stock	09/13/2005(1)		M	5,000	A	\$ 37.05	7,000	D			
Common Stock	09/13/2005(1)		S	5,000	D	\$ 50.6136	2,000	D			
Common Stock	09/13/2005(1)		M	5,000	A	\$ 37.05	7,000	D			
Common Stock	09/13/2005(1)		S	5,000	D	\$ 50.6136	2,000	D			

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

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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 (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. Transactic Code (Instr. 8)	Transaction Derivative Code Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Ame Underlying Sect (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	An or No of
Non-Qualified Stock Option (right to buy)	\$ 37.05	09/13/2005(1)		M		5,000	11/08/2002	11/08/2012	Common Stock	5
Non-Qualified Stock Option (right to buy)	\$ 37.05	09/13/2005(1)		M		5,000	11/08/2002	11/08/2012	Common Stock	4
Non-Qualified Stock Option (right to buy)	\$ 40.24						05/11/2005	05/11/2015	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 40.68						10/18/2004	10/18/2014	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 44.76						01/25/2005	01/25/2015	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 47.23						11/09/2001	11/09/2011	Common Stock	1
Non-Qualified Stock Option (right to buy)	\$ 51.35						08/02/2005	08/02/2012(2)	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 52.75						08/15/2000	08/15/2010	Common Stock	2
Non-Qualified Stock Option (right to buy)	\$ 59.44						11/05/2003	11/05/2013	Common Stock	1

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

BOND ROBERT T C/O KLA-TENCOR CORPORATION 160 RIO ROBLES SAN JOSE, CA 95130

X

Signatures

By: Stuart J. Nichols For: Robert T. Bond

09/21/2005

**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) Due to an administrative error the transactions have been reported late.
- (2) Option expiration date was reported incorrectly on the original 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.

Reporting Owners 3