KLA TENCOR CORP

Form 4

November 06, 2015

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL

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5. Relationship of Reporting Person(s) to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Washington, D.C. 20549

Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

subject to

Section 16.

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

2. Issuer Name and Ticker or Trading

1(b).

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person *

BARNHOLT EDWARD W				Symbol	Symbol KLA TENCOR CORP [KLAC]					Issuer				
	(Last)					Earliest Transaction				(Check all applicable) X Director 10% Owner				
C/O KLA-TENCOR CORPORATION, ONE TECHNOLOGY DRIVE					11/04/2015					— Officer (give title — X Other (specify below) Chairman of the Board				
(Street)				4. If Amen	4. If Amendment, Date Original					6. Individual or Joint/Group Filing(Check				
				Filed(Montl	Filed(Month/Day/Year)					Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting				
MILPITAS, CA 95035										Form filed by More than One Reporting Person				
	(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned													
	1.Title of Security (Instr. 3)	2. Transaction I (Month/Day/Ye	ar) Execu	Deemed 3. 4. Securities cution Date, if TransactionAcquired (A) or Code Disposed of (D) nth/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) (A)))	5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)					
					Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)					
	Common Stock - Restricted Stock Units (1)	11/04/2015			A	2,993 (2)	A	\$0	5,454	D				
	Common Stock								39,167	I	By Trust			
	Common Stock								10,429	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	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 Da	Expiration Date		nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr. :	3 and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3, 4, and 5)						
									A		
									Amount		
						Date	Expiration		or		
						Exercisable	Date	Title Number of			
				G 1 W	(A) (D)						
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

BARNHOLT EDWARD W C/O KLA-TENCOR CORPORATION ONE TECHNOLOGY DRIVE MILPITAS, CA 95035

X

Chairman of the Board

Signatures

Teri A. Little as Attorney-in-Fact for Edward W. Barnholt

11/06/2015

**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) Each restricted stock unit ("RSU") represents a contingent right to receive one share of KLA-Tencor common stock.
- Represents a grant of RSUs that, pursuant to KLA-Tencor's outside director compensation program, was automatically granted to the (2) Reporting Person on the date of KLA-Tencor's annual meeting of stockholders with respect to the Reporting Person's service on the Board of Directors for the upcoming year. The RSUs will fully vest one year from date of grant and will be deliverable on such date.
- (3) By The Barnholt Family Trust dated January 8, 1987, of which the Reporting Person is a trustee and beneficiary.

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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