BARNHOLT EDWARD W

Form 4

November 17, 2017

FORM 4

Check this box

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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if no longer subject to Section 16. 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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** BARNHOLT EDWARD W			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			KLA TENCOR CORP [KLAC]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
			(Month/Day/Year)	X Director 10% Owner			
C/O KLA-TENCOR			11/16/2017	Officer (give titleX_ Other (spec			
CORPORATION, ONE				below) below) Chairman of the Board			
TECHNOLO	GY DRIVE	E		Chairman of the Board			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			
				X Form filed by One Reporting Person Form filed by More than One Reporting			
MII DITAC	CA 05025						

MILPITAS, CA 95035

(City)	(State)	(Zip) Tabl	e I - Non-I	Derivative	Secu	rities Acquir	ed, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)		sed of	` ′	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	11/16/2017		Code V S	Amount 4,214	(D)	Price \$ 104.03 (1)	(Instr. 3 and 4) 14,345	D	
Common Stock	11/16/2017		S	3,582	D	\$ 105.049 (2)	10,763	D	
Common Stock	11/16/2017		S	3,118	D	\$ 105.911 (3)	7,645	D	
Common Stock							39,167	Ι	By Trust

Person

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Common Stock - Restricted

Restricted 2,567 D
Stock Units

(5)

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

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SEC 1474

(9-02)

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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)	4. Transactic Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Titl Amou Under Secur (Instr.	int of lying	8. Price o Derivativ Security (Instr. 5)
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

Reporting Owners

Reporting Owner Name / Address Relationships

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

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

Barnholt

11/17/2017

**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)

Reporting Owners 2

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Represents the weighted average sales price for the shares. The sales prices ranged from \$103.49 to \$104.41. The reporting person will provide upon request full information regarding the number of shares sold at each separate price.

- (2) Represents the weighted average sales price for the shares. The sales prices ranged from \$104.52 to \$105.48. The reporting person will provide upon request full information regarding the number of shares sold at each separate price.
- (3) Represents the weighted average sales price for the shares. The sales prices ranged from \$105.60 to \$106.22. The reporting person will provide upon request full information regarding the number of shares sold at each separate price.
- (4) By The Barnholt Family Trust dated January 8, 1987, of which the Reporting Person is a trustee and beneficiary.
- (5) Each restricted stock unit ("RSU") represents a contingent right to receive one share of KLA-Tencor common stock.

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.