BATY GORDON

Form 4

December 02, 2004

FORM 4

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

OMB

3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005

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Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * BATY GORDON			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			MERCURY COMPUTER SYSTEMS INC [MRCY]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	X Director 10% Owner Other (specify		
11 CASTLE ROAD			11/30/2004	below) below)		
	(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		
LEXINGTON	, MA 0242	0		Form filed by More than One Reporting Person		

(Ctata)

(City)	(State) ((Zip) Table	e I - Non-D	erivative	Secur	ities Acqu	uired, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	ansaction Date 2A. Deemed		3. 4. Securi Transaction(A) or Di Code (Instr. 3, (Instr. 8)		d of (D)	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)
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	11/30/2004		S	3,500	D	\$ 31.48	44,409	D	
Common Stock	11/30/2004		S	400	D	\$ 31.5	44,009	D	
Common Stock	11/30/2004		S	300	D	\$ 31.53	43,709	D	
Common Stock	11/30/2004		S	300	D	\$ 31.55	43,409	D	
Common Stock	11/30/2004		S	300	D	\$ 31.56	43,109	D	

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Common Stock	11/30/2004	S	100	D	\$ 31.58 43,009	D
Common Stock	11/30/2004	S	100	D	\$ 31.6 42,909	D
Common Stock	11/30/2004	S	200	D	\$ 42,709	D
Common Stock	11/30/2004	S	600	D	\$ 42,109	D
Common Stock	11/30/2004	S	700	D	\$ 31.67 41,409	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)	4. Transactic Code (Instr. 8)	5. orNumber 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 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							
	Director	10% Owner	Officer	Other				
BATY GORDON 11 CASTLE ROAD LEXINGTON, MA 02420	X							

Signatures

Joseph M. Hartnett, Attorneyin-fact 12/01/2004

Reporting Owners 2

**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).

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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