

MERCURY COMPUTER SYSTEMS INC  
 Form 3  
 May 02, 2006

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0104  
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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF 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  
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â Lima Marcelo G		(Month/Day/Year)	MERCURY COMPUTER SYSTEMS INC [MRCY]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
199 RIVERNECK ROAD			(Check all applicable)	
(Street)			<input type="checkbox"/> Director	<input type="checkbox"/> 10% Owner
CHELMSFORD,Â MAÂ 01824			<input type="checkbox"/> Officer	<input checked="" type="checkbox"/> Other
(City)	(State)	(Zip)	(give title below) (specify below)	
			VP & GM Comm Imaging & Vis	
			6. Individual or Joint/Group Filing(Check Applicable Line)	
			<input checked="" type="checkbox"/> Form filed by One Reporting Person	
			<input type="checkbox"/> Form filed by More than One Reporting Person	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	5,885 <sup>(1)</sup>	D	Â

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	

				Shares		(I) (Instr. 5)	
NQ Stock Option (Right to buy)	Â (2)	04/15/2013	Common Stock	7,500	\$ 26.6	D	Â
NQ Stock Option (Right to buy)	Â (3)	07/28/2013	Common Stock	4,500	\$ 19.03	D	Â
NQ Stock Option (Right to buy)	Â (4)	07/28/2014	Common Stock	15,000	\$ 23.46	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Lima Marcelo G 199 RIVERNECK ROAD CHELMSFORD, MA 01824	Â	Â	Â	VP & GM Comm Imaging & Vis

## Signatures

Craig Barrows,  
Attorney-in-fact

05/02/2006

\*\*Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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) Includes 4,500 shares of restricted stock which vest in full on August 12, 2009 and 1,332 shares of restricted stock which vest in four annual installments commencing on August 12, 2006.
- (2) This option vests in four equal installments beginning April 15, 2004.
- (3) This option vests in four equal installments beginning July 28, 2004.
- (4) This option vests in four equal installments beginning July 28, 2005.

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.