

MERCURY COMPUTER SYSTEMS INC

Form 4

January 30, 2008

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

OMB APPROVAL

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subject to
Section 16.
Form 4 or
Form 5
obligations
may continue.
See Instruction
1(b).**STATEMENT OF CHANGES IN 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 *
CHAMILLARD GEORGE W

(Last) (First) (Middle)

MERCURY COMPUTER
SYSTEMS, INC., 199 RIVERNECK
ROAD

(Street)

CHELMSFORD, MA 01824

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading
SymbolMERCURY COMPUTER
SYSTEMS INC [MRCY]3. Date of Earliest Transaction
(Month/Day/Year)
01/28/20084. If Amendment, Date Original
Filed(Month/Day/Year)5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

☒ Director ☐ 10% Owner
☐ Officer (give title below) ☐ Other (specify below)6. Individual or Joint/Group Filing(Check
Applicable Line)
☒ Form filed by One Reporting Person
☐ Form filed by More than One Reporting
Person**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. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount (A) or (D) Price		
Common Stock	01/28/2008		P		100 \$ 8.42	100	D
Common Stock	01/28/2008		P		200 \$ 8.43	300	D
Common Stock	01/28/2008		P		300 \$ 8.45	600	D
Common Stock	01/28/2008		P		100 \$ 8.46	700	D
	01/28/2008		P		1,300 \$ 8.46	2,000	D

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Common Stock						\$ 8.48		
Common Stock	01/28/2008	P	2,045	A	\$ 8.49	4,045	D	
Common Stock	01/28/2008	P	1,483	A	\$ 8.5	5,528	D	
Common Stock	01/28/2008	P	2,328	A	\$ 8.51	7,856	D	
Common Stock	01/28/2008	P	100	A	\$ 8.52	7,956	D	
Common Stock	01/28/2008	P	400	A	\$ 8.53	8,356	D	
Common Stock	01/28/2008	P	200	A	\$ 8.57	8,556	D	
Common Stock	01/28/2008	P	44	A	\$ 8.61	8,600	D	
Common Stock	01/28/2008	P	900	A	\$ 8.64	9,500	D	
Common Stock	01/28/2008	P	100	A	\$ 8.65	9,600	D	
Common Stock	01/28/2008	P	100	A	\$ 8.66	9,700	D	
Common Stock	01/28/2008	P	300	A	\$ 8.68	10,000	D	

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

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.

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(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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Beneficially (Instr. 5)
				Code	V (A) (D)		Title		

Date Exercisable	Expiration Date	Amount or Number of Shares
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
CHAMILLARD GEORGE W MERCURY COMPUTER SYSTEMS, INC. 199 RIVERNECK ROAD CHELMSFORD, MA 01824	X			

Signatures

Robert E. Hult, Attorney-in-fact	01/29/2008
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__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.

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