MERCURY COMPUTER SYSTEMS INC

Form 4

March 14, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average

OMB APPROVAL

burden hours per response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

Check this box

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 may continue. See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Ad BERTELLI J	*	orting Person *	2. Issuer Name and Ticker or Trading Symbol MERCURY COMPUTER SYSTEMS INC [MRCY]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last) (First) (Middle) 34 POWERS ROAD		(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 03/11/2008	X Director 10% Owner Officer (give titleX Other (specify below) Exec Chairman of the Board		
HOLLIS, NH	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City)	(State)	(Zip)	Table I - Non-Derivative Securities A	cquired, Disposed of, or Beneficially Owned		

(City)	(State)	Tab	le I - Non-l	Derivative	Secur	ities Acqui	red, 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)	Code (Instr. 8)	omr Dispos (Instr. 3, 4	ed of (4 and 5 (A) or	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)
Common Stock	03/11/2008		Code V S	Amount 1,800	(D)	Price \$ 4.94	803,372	D	
Common Stock	03/11/2008		S	1,100	D	\$ 4.99	802,272	D	
Common Stock	03/11/2008		S	1,400	D	\$ 5	800,872	D	
Common Stock	03/11/2008		S	3,600	D	\$ 5.07	797,272	D	
Common Stock	03/11/2008		S	1,500	D	\$ 5.09	795,772	D	

Edgar Filing: MERCURY COMPUTER SYSTEMS INC - Form 4

Common Stock	03/11/2008	S	2,500	D	\$ 5.11	793,272	D
Common Stock	03/11/2008	S	1,100	D	\$ 5.12	792,172	D
Common Stock	03/12/2008	S	10,000	D	\$ 4.93	782,172	D
Common Stock	03/12/2008	S	2,000	D	\$ 4.96	780,172	D
Common Stock	03/12/2008	S	3,200	D	\$ 4.97	776,972	D
Common Stock	03/12/2008	S	6,427	D	\$ 4.98	770,545	D
Common Stock	03/12/2008	S	2,573	D	\$ 5	767,972	D
Common Stock	03/12/2008	S	2,500	D	\$ 5.05	765,472	D
Common Stock	03/12/2008	S	600	D	\$ 5.15	764,872	D
Common Stock	03/12/2008	S	400	D	\$ 5.22	764,472	D
Common Stock	03/13/2008	S	50,000	D	\$ 4.97	714,472	D
Common Stock	03/14/2008	S	23,100	D	\$ 4.7995	691,372	D
Common Stock						12,400 (1)	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.

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 Exercisable and	7. Title and	8. Price of	9. Nu
De	rivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration Date	Amount of	Derivative	Deriv
Se	curity	or Exercise		any	Code	of	(Month/Day/Year)	Underlying	Security	Secui
(In	str. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e	Securities	(Instr. 5)	Bene
		Derivative				Securities	S	(Instr. 3 and 4)		Own
		Security				Acquired				Follo
						(A) or				Repo
						Disposed				Trans
						of (D)				(Instr
						(Instr. 3,				

Edgar Filing: MERCURY COMPUTER SYSTEMS INC - Form 4

4, and 5)

Date Expiration Exercisable Date

Code V (A) (D)

Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
BERTELLI JAMES R							
34 POWERS ROAD	X			Exec Chairman of the Board			
HOLLIS, NH 03049							

Signatures

Robert E. Hult, Attorney-in-fact 03/14/2008

**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) This reporting person disclaims beneficial ownership of these securities, and this report shall not be deemed an admission that the reporting person is beneficial owner of these securities for purposes of Section 16 or any other purposes.

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.

Reporting Owners 3