
 OMB APPROVAL

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U.S. SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

FORM 4

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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(f) of the Investment Company Act of 1940

[] Check this box if no longer subject of Section 16. Form 4 or Form 5
 obligations may continue. See Instruction 1(b).

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1. Name and Address of Reporting Person

WYMAN, G. MEAD

 (Last) (First) (Middle)

EIGHT WILLARD STREET

 (Street)

CAMBRIDGE, MASSACHUSETTS 02138

 (City) (State) (Zip)

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2. Issuer Name and Ticker or Trading Symbol

MERCURY COMPUTER SYSTEMS, INC. MRCY

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3. IRS or Social Security Number of Reporting Person (Voluntary)

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4. Statement for Month/Year

JUNE 1998

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5. If Amendment, Date of Original (Month/Year)

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6. Relationship of Reporting Person to Issuer

(Check all applicable)

[] Director [] 10% Owner
 [X] Officer (give title below) [] Other (specify below)

Chief Financial Officer

Table I -- Non-Derivative Securities Acquired, Disposed of,
 or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (mm/dd/yy)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned at End of Month (Instr. 3 and 4)	6. Owner- ship Form: (D) or Indirect (I) (Instr.4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Amount	(A) or (D)	Price			
Common Stock	6/15/98	M	8,000	A	4.00	44,000	D	

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

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. Conver- sion of Exer- cise Price Deriv- ative Secur- ity	3. Trans- action Date (Month/ Day/ Year)	4. Trans- action Code (Instr. 8) ----- Code V	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) ----- (A) (D)	6. Exercisable and Expiration Date (Month/Day/Year) ----- Date Expira- tion Date	7. Title and Amount of Underlying Securities (Instr. 3 and 4) ----- Amount or Number of Shares ----- Title	8. Price of Deriv- ative Secur- ity (Instr. 5)	9. Number of Deriv- ative Secur- ities Bene- ficially Owned at End Month (Instr. 4)	10. Owner- ship of Deriv- ative Secur- ity: Direct (D) or In- direct (I) (Instr. 4)	11. Nature of In- direct Owner- ship (Instr. 4)
Option (right to buy)	\$4.00	6/15/98	M	8,000	* 11/27/07	Common	80,000	72,000	D	

*Includes an option to buy 40,000 shares of common stock exercisable in increments of 5,715 shares on December 2 in each of years 1997 through 2002 and 5,710 shares on December 2, 2003, and an option to buy 32,000 shares of common stock exercisable in increments of 8,000 shares on December 2 in each of years 1998 through 2001.

Explanation of Responses:

/s/G. Mead Wyman

1/5/99

**Signature of Reporting Person

Date

** 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 provided is insufficient, see Instruction 6 for procedures.