FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

	OMB APPRO	OVAL							
	OMB Number:	3235-0287							
l	Estimated average burden								
l	hours per response:	0.5							

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

				2 19	suer	Namo a	امتالممد									D ()		
1. Name and Address of Reporting Person* WISHNER RICHARD P							2. Issuer Name and Ticker or Trading Symbol MERCURY COMPUTER SYSTEMS INC [ MRCY ]								p of Reporting plicable) ctor	10% (	owner	
(Last) (First) (Middle) 1551 AWALT COURT						3. Date of Earliest Transaction (Month/Day/Year) 10/31/2005												
(Street) LOS ALTOS CA 94024  (City) (State) (Zip)					4. If Amendment, Date of Original Filed (Month/Day/Year)								Line	e) <mark>X</mark> Forn Forn	vidual or Joint/Group Filing (Check Applicable  Form filed by One Reporting Person  Form filed by More than One Reporting  Person			
	Tabl	e I - Noi	n-Deriv	ative	Sec	curitie	s Acc	quired,	Dis	posed o	f, or I	3ene	ficial	y Owne	ed			
Date						Execution Date, if any		Transaction Disposed Of (D) (Instr. 3, Code (Instr. 5)			A) or B, 4 and	Securi Benefi Owne	ities icially d Following	Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
									v	Amount (A) or (D)		Price	Transa	action(s)		(111301.4)		
Common Stock 10/31/							2005			2,000		A	\$18.5	1	2,500	D		
	Та													Owned				
ive conversion or Exercise (Month/Day/Year) Price of Derivative Security  Execution Date, if any (Month/Day/Year)  (Month/Day/Year)			Transa Code ( 8)	ode (Instr. Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			Expiration Date (Month/Day/Year)  Date Expiration			Amoun or Numbe of		tr. 3	erivative ecurity	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
	(State Courty (Instate Conversion or Exercise Price of Derivative	(State) (Cartillor Table Stock  Table Stock  2. Conversion or Exercise Price of Derivative (Month/Day/Year)	(State) (Zip)  Table I - Note Security (Instr. 3)  Stock  Table II - I  Conversion or Exercise Price of Derivative (Month/Day/Year) (Month/Day/Pear)	Table I - Non-Deriv  Table I - Non-Deriv  Security (Instr. 3)  2. Transaction Date (Month/Day/Year)  2. Conversion or Exercise Price of Derivative Security  2. Transaction Date, if any (Month/Day/Year)	(First) (Middle)  ALT COURT  (State) (Zip)  Table I - Non-Derivative Gecurity (Instr. 3)  Stock  Table II - Derivative S (e.g., puts, c)  Conversion or Exercise Price of Derivative of Derivative (Month/Day/Year)  (Month/Day/Year)  3. Deemed Execution Date, if any (Month/Day/Year) (Month/Day/Year)  (Month/Day/Year)  3. Deemed Execution Date, if any (Month/Day/Year) (Month/Day/Year)	(First) (Middle)  3. Date of 10/31/2  4. If Ame  Table I - Non-Derivative Security (Instr. 3)  Table II - Derivative Security (e.g., puts, calls  2. Transaction Date (Month/Day/Year)  Stock  Table II - Derivative Security (e.g., puts, calls)  A. Transaction Date (Month/Day/Year)  Table II - Derivative Security (e.g., puts, calls)	(First) (Middle)  ALT COURT  3. Date of Earlies 10/31/2005  4. If Amendment Execution Date (Month/Day/Year)  Stock  Table I - Non-Derivative Securities (Month/Day/Year)  Table II - Derivative Securities (e.g., puts, calls, warr (Month/Day/Year)  2. Table II - Derivative Securities (e.g., puts, calls, warr (Month/Day/Year)  2. Table II - Derivative Securities (e.g., puts, calls, warr (Month/Day/Year)  3. Transaction Date (Month/Day/Year)  3. Transaction Date (Month/Day/Year)  4. Transaction Code (Instr. Security (Instr. Security)  5. Number of Derivative Securities (Instr. Security)  6. Number of Date (Instr. Security)  8. Number of Derivative Securities (Instr. Security)  8. Number of Date (Instr. Security)  9. Number of Date (Instr. Security)  10. Number of Date (Instr. Security)	(First) (Middle)  ALT COURT  Table I - Non-Derivative Securities Accurity (Instr. 3)  Table II - Derivative Securities Acque (e.g., puts, calls, warrants, for Exercise Price of Derivative Security (Month/Day/Year)  2. Transaction Date (Month/Day/Year)  Table II - Derivative Securities Acque (e.g., puts, calls, warrants, (Month/Day/Year)  3. Date of Earliest Transaction Date of Execution Date (Month/Day/Year)  4. If Amendment, Date of Execution Date, if any (Month/Day/Year)  2. Transaction Date (e.g., puts, calls, warrants, or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	(First) (Middle)  ALT COURT  3. Date of Earliest Transaction (M. 10/31/2005  4. If Amendment, Date of Original  Table I - Non-Derivative Securities Acquired, Date (Month/Day/Year)  Security (Instr. 3)  2. Transaction Date (Month/Day/Year)  Table II - Derivative Securities Acquired, Dide (e.g., puts, calls, warrants, option:  2. Table II - Derivative Securities Acquired, Dide (e.g., puts, calls, warrants, option:  (Month/Day/Year)  3. Date of Earliest Transaction (M. 10/31/2005)  4. If Amendment, Date of Original  Execution Date, if any (Month/Day/Year)  (Month/Day/Year)  4. Table II - Derivative Securities Acquired, Dide (e.g., puts, calls, warrants, option:  (A) or Disposed of (D) (Instr. 3, 4 and 5)  Date  Date	(First) (Middle)  ALT COURT  3. Date of Earliest Transaction (Month/Indianal Price of Code (Instr. 2)  Table I - Non-Derivative Securities Acquired, Disponent (Month/Day/Year)  2. Transaction Date (Month/Day/Year)  (Month/Day/Year)  2. Transaction Date (Month/Day/Year)  (Month/Day/Year)  Table II - Derivative Securities Acquired, Disponent (e.g., puts, calls, warrants, options, comparison of Execution Date, if any (Month/Day/Year)  3. Transaction Code (Instr. 8)  Code V  Table II - Derivative Securities Acquired, Disponent (e.g., puts, calls, warrants, options, comparison of Execution Date, if any (Month/Day/Year)  (Month/Day/Year)  3. Transaction Code (Instr. 8)  Code V  Table II - Derivative Securities Acquired, Disponent (e.g., puts, calls, warrants, options, comparison of Code (Instr. 8)  Date Of Disposed of Code (Instr. 8)  Date Date Of Disposed of (D) (Instr. 3, 4 and 5)	(First) (Middle)  3. Date of Earliest Transaction (Month/Day/Year) 10/31/2005  4. If Amendment, Date of Original Filed (Month/Day/Year) 4. If Amendment, Date of Original Filed (Month/Day/Year) 5. Acquired, Disposed of Code (Instr. 3)  2. Transaction Date (Month/Day/Year) (Month/Day/Year) 2. Demend Execution Date, if any (Month/Day/Year) (Month/Day/Year) 2. Code V Amount  Stock  Table II - Derivative Securities Acquired, Disposed of, (e.g., puts, calls, warrants, options, convertib 2. Shumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) 4. Date Expiration Date (Month/Day/Year) 4. Stock 8. Date Expiration Date (A) or Disposed of (D) (Instr. 3, 4 and 5) 4. Date Expiration	(First) (Middle)  ALT COURT  3. Date of Earliest Transaction (Month/Day/Year) 10/31/2005  4. If Amendment, Date of Original Filed (Month/Day/Year) 4. If Amendment, Date of Original Filed (Month/Day/Year) 5. A Securities Acquired, Disposed of, or Earliest Transaction Date (Month/Day/Year) 6. Date Securities Acquired, Disposed of (D)	(First) (Middle) ALT COURT  3. Date of Earliest Transaction (Month/Day/Year) 10/31/2005  4. If Amendment, Date of Original Filed (Month/Day/Year)  Table I - Non-Derivative Securities Acquired, Disposed of, or Bene Executity (Instr. 3)  2. Transaction Date (Month/Day/Year) (Month/Day/Year) (Month/Day/Year)  2. Transaction Date (Month/Day/Year) (Month/Day/Year) (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of, or Benefic (e.g., puts, calls, warrants, options, convertible securities (e.g., puts, calls, warrants, options, convertible securities Acquired (A) or Date (Month/Day/Year)  2. Conversion or Exercise (Month/Day/Year) (Month/Day/Year)  3. Transaction Date (Execution Date, if any (Month/Day/Year) (Month/Day/Year) (Month/Day/Year)  4. Securities Acquired (Disposed of, or Benefic (e.g., puts, calls, warrants, options, convertible securities Acquired (A) or Disposed of (D) (Month/Day/Year) (Month/Day/Year)  2. Stock  4. Securities Acquired (Disposed of, or Benefic (e.g., puts, calls, warrants, options, convertible securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)  2. Code V Amount (A) or Date (Month/Day/Year)	(First) (Middle)  ALT COURT  3. Date of Earliest Transaction (Month/Day/Year)    4. If Amendment, Date of Original Filed (Month/Day/Year)    5. Line  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Execution Date, (Month/Day/Year)    6. In Line  Table II - Non-Derivative Securities Acquired, Disposed of, or Beneficially Execution Date, if any (Month/Day/Year)    6. In Line  Table II - Derivative Securities Acquired, Disposed of (D) (Instr. 3, 4 and 5)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially (e.g., puts, calls, warrants, options, convertible Securities)  2. Transaction Date (a.g., puts, calls, warrants, options, convertible Securities)  2. Transaction Date (Month/Day/Year)    6. Date Exercisable and Expiration Date (Month/Day/Year)    7. Title and Amount of Securities Acquired (A) or Derivative Securities Acquired (A) or Derivative Securities Acquired (A) or Date (Month/Day/Year)    8. Date Exercisable and Expiration Date (Month/Day/Year)    8. Date Exercisable and Expiration Date (Month/Day/Year)    8. Date Exercisable and Expiration Date (Month/Day/Year)    9. Date Exe	ALT COURT  3. Date of Earliest Transaction (Month/Day/Year)  4. If Amendment, Date of Original Filed (Month/Day/Year)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned (Month/Day/Year)  Form Form Form Pers  Table II - Derivative Securities Acquired, Disposed of (D) (Instr. 3, 4 and 5)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)  A. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)  3. Transaction Date (Month/Day/Year) (Month/Day/Year	(First) (Middle)  ALT COURT  ALT COURT  ALT COURT  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned  (Month/Day/Year) (Month/Day/Year)  (Stock 10/31/2005	ALT COURT    A.   A.   A.   A.   A.   A.   A.   A	

**Explanation of Responses:** 

Alex Braverman, Attorney-in-

**fact** 

\*\* Signature of Reporting Person

Date

10/31/2005

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

- $^{\star}$  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.

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 Number.

LIMITED POWER OF ATTORNEY FOR MERCURY COMPUTER SYSTEMS, INC. SECTION 16(a) FILINGS

Know all by these presents, that the undersigned hereby constitutes and appoints each of Robert E. Hult, Senior Vice-President and Chief Financial Officer, Joseph M. Hartnett, Vice-President, Corporate Controller and Chief Accounting Officer, and Craig Barrows, Vice-President, General Counsel and Assistant Secretary, acting singly, the undersigned's true and lawful attorney-in-fact to:

- (1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer, director and/or shareholder of Mercury Computer Systems, Inc. (the "Company"), Forms 3, 4 and 5, and amendments thereto, in accordance with Section 16(a) of the Securities Exchange Act of 1934, as amended (the "Exchange Act") and the rules thereunder;
- (2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4 or 5, or amendments thereto, and timely file such form with the United States Securities and Exchange Commission (the "SEC") and any stock exchange or similar authority; and
- (3) take any other action of any type whatsoever which, in the opinion of such attorney-in-fact, may be necessary or desirable in connection with the foregoing authority, it being understood that the documents executed by each such attorney-in-fact on behalf of the undersigned pursuant to this Limited Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve, provided, however, that the undersigned does not grant to each such power-of-attorney the right to engage in any transactions involving the securities of the Company on behalf of the undersigned, including without limitation, the right to purchase or sell any securities of the Company.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that each such attorney-in-fact, or each such attorney-in-fact's substitute or substitutes (any such substitute also being referred to herein as an "attorney-in-fact"), shall lawfully do or cause to be done by virtue of this Limited Power of Attorney and the rights and powers herein granted. The undersigned acknowledges that each attorney-in-fact, in serving in such capacity at the request of the undersigned or such attorney-in-fact, is not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Exchange Act.

The undersigned agrees that each such attorney-in-fact shall not be liable for any error of judgment or for any act done or omitted to be done or for any mistake of fact or law except for each such attorney-in-fact's own bad faith, and the undersigned agrees to indemnify and to hold each such attorney-in-fact harmless against any loss, claim, damage, liability or cost incurred on each such attorney-in-fact's part arising out of or in connection with acts undertaken or omitted to be taken as an attorney-in-fact hereunder.

This Limited Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, and 5 with respect to the undersigned's holdings of and transactions in securities of the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact. This Limited Power of Attorney may be filed with the SEC as a confirming statement of the authority granted herein.

IN WITNESS WHEREOF, the undersigned has caused this Limited Power of Attorney to be executed as of this 20 day of October, 2005.

/s/ Richard P. Wishner