FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

NGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

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

1. Name and Address of Reporting Person* BELLE ISLE ALBERT P						2. Issuer Name and Ticker or Trading Symbol MERCURY COMPUTER SYSTEMS INC [MRCY]										ck all appli Directo	tionship of Reportir all applicable) Director Officer (give title		son(s) to Iss 10% Ov Other (s	wner
(Last) 3 WHISI	(Fi PERING PI	NES		Date o		est Tran	nsact	tion (Mo	nth/[Day/Year)			below)		below)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
(Street) ANDOV (City)		tate)	01810 (Zip)		-	4. If Amendment, Date of Original Filed (Month/Day/Year)										Form f Form f Person	r Joint/Group Filing (Check Applicable n filed by One Reporting Person n filed by More than One Reporting on			
Table I - Non-Deriv 1. Title of Security (Instr. 3) 2. Trans. Date (Month/It					saction	ar) i	A. Dee	eemed Ition Date,		3. Transac Code (In 8)	tion	4. Securi	4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4			5. Amou Securitie Benefici	unt of 6. es Fo (D)		n: Direct r Indirect str. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
<u></u>	Ctl-			00/1	2/200	4					v	Amount	(A) o (D)	r _P	rice \$4	Transac (Instr. 3	tion(s) and 4)		D	(IIISU. 4)
Common					3/200 ² 3/200 ²	-				M S		4,812 4,812			\$4 \$27.73	-	,000		-	
		Т	able II -										or Ben ble sec			Owned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deem Execution if any (Month/Da	Date,		Transaction Code (Instr.		n of		Date Exe piration I onth/Day	Date		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		urity	3. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4)	у	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
					Code	v	(A)	(D)	Dat Exe	te ercisable		kpiration ate	Title	or Nui of	mber ares					
Exercise of NQ Stock	\$4	09/13/2004			M			4,812	10/)/20/1997	10	0/20/2007	Common Stock	4,	812	\$0 ⁽¹⁾	0		D	

Explanation of Responses:

1. Field N/A to this transaction but was completed to allow for electronic filing only.

Joseph M. Hartnett, Attorney-

in-fact

** Signature of Reporting Person

Date

09/14/2004

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

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.

^{*} 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).