FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL								
OMB Number:	3235-028							
Estimated average h	ourdon							

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

OIVID APPROVAL							
OMB Number: 3235-028							
Estimated average burden							
hours per response:	0.5						

1. Name and Address of Reporting Person SKALABRIN MARK F					MERCURY COMPUTER SYSTEMS INC [MRCY]											all app Direc	olicable) etor er (give title		Owner (specify
(Last) (First) (Middle) 175 CRANE NECK ROAD						3. Date of Earliest Transaction (Month/Day/Year) 08/12/2006											,	lutions Grou	,
(Street) WEST NEWBU (City)		A (4. If Amendment, Date of Original Filed (Month/Day/Year)										Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person						
		Tabl	e I - Noi	n-Deriv	ative	Se	curitie	s Acc	quired,	Dis	posed o	f, o	r Ben	efici	ally	Owne	ed		
· · · · · · · · · · · · · · · · · ·				2. Transaction Date (Month/Day/Year)		ur)	2A. Deemed Execution Date, if any (Month/Day/Year)		Transaction Disposed Code (Instr. 5)		ities Acquired (A) d Of (D) (Instr. 3, 4			4 and Sec Bei		ount of ities icially d Following ted	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		Transa	action(s) 3 and 4)		()			
Common Stock					/2006				F		166		D \$12		2.47 64,544		4,544	D	
		Та	ıble II - I								sed of, onvertib					vned			
1. Title of Derivative Security (Instr. 3)	rivative Conversion Date Executio curity or Exercise (Month/Day/Year) if any		3A. Deem Execution if any (Month/Da	Date, ay/Year)	Code (Instr.			ative rities ired osed	6. Date E Expiratio (Month/D	n Date	е	7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) Amoun or Numbe of Title Shares		ount				Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)

Explanation of Responses:

Alex Braverman, Attorney-in-

** Signature of Reporting Person

Date

08/14/2006

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

- * 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.