GSE SYSTEMS INC

Form 4

August 30, 2007

FORM 4

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

OMB Number: 3235-0287

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

OMB APPROVAL

Section 16. Form 4 or Form 5 obligations may continue. See Instruction

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(h) of the Investment Company Act of 1940

response... 0.5

1(b).

(Print or Type Responses)

1. Name and Ad Grady Gill R	•	orting Person *	2. Issuer Name and Ticker or Trading Symbol GSE SYSTEMS INC [GVP]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
			(Month/Day/Year)	Director 10% Owner			
7133 RUTH 200	ERFORD R	RD, SUITE	08/28/2007	X Officer (give title Other (specify below) Sr-Vice President			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			
BALTIMOR	E, MD 212	44		_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State) ((Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquir Transaction(A) or Disposed of Code (Instr. 3, 4 and 5) (Instr. 8)			d of (D)	5. Amount of Securities Beneficially Owned Following Reported	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	Transaction(s) (Instr. 3 and 4)		
Common Stock	08/28/2007		X	2,025	A	\$ 3.875	2,125	D	
Common Stock	08/28/2007		S	2,025	D	\$ 6.25	100	D	
Common Stock	08/29/2007		X	975	A	\$ 3.875	1,075	D	
Common Stock	08/29/2007		X	2,000	A	\$ 3.875	3,075	D	
Common Stock	08/29/2007		S	975	D	\$ 6.25	2,100	D	

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Common Stock 08/29/2007 S 2,000 D \$ 6.35 100 D

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

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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 Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option	\$ 3.875	08/28/2007		X		2,025	12/01/1997	12/01/2007	Common Stock	2,025
Employee Stock Option	\$ 3.875	08/29/2007		X		2,975	12/01/1997	12/01/2007	Common Stock	2,975
Employee Stock Option	\$ 1.85						03/22/2005	03/22/2012	Common Stock	27,227

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Grady Gill R

7133 RUTHERFORD RD SUITE 200 Sr-Vice President

BALTIMORE, MD 21244

Signatures

/s/ Gill R Grady 08/30/2007

**Signature of Date
Reporting Person

Reporting Owners 2

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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).

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.